

Nicolas TERRY  
Presents

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# 50 Hours of Origami +



Vietnam Origami Group

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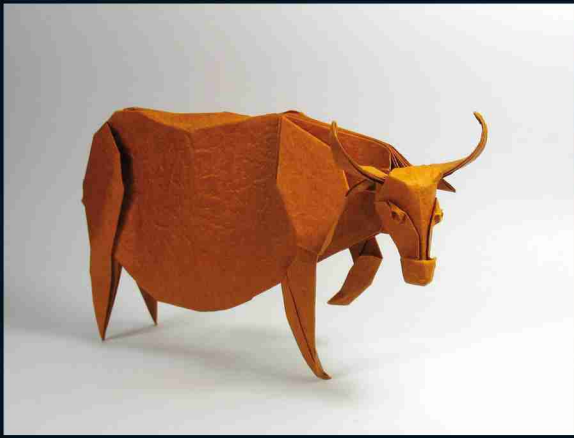
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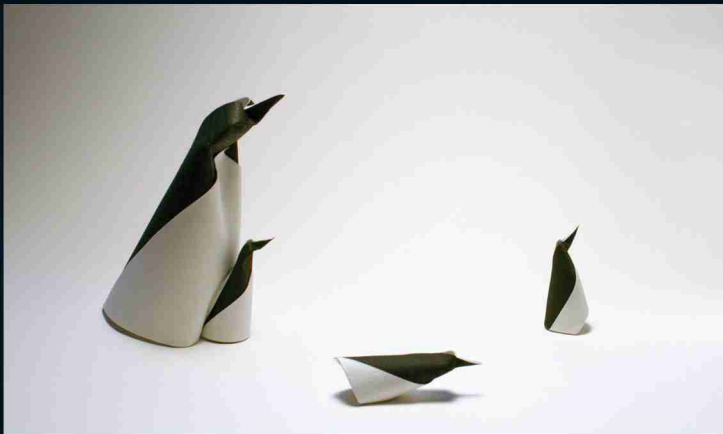
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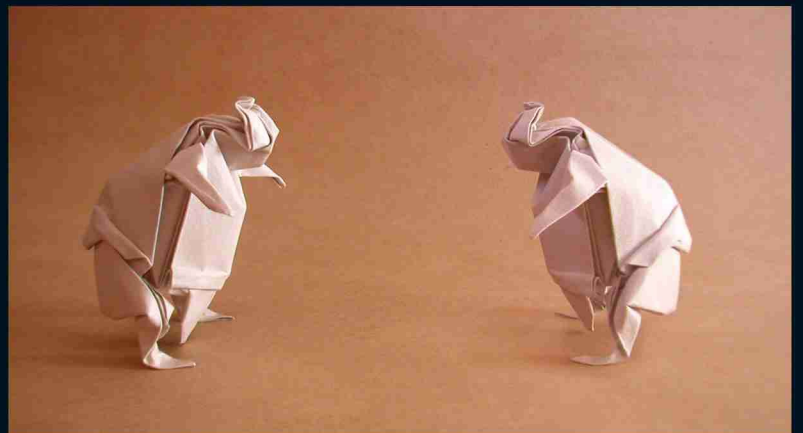
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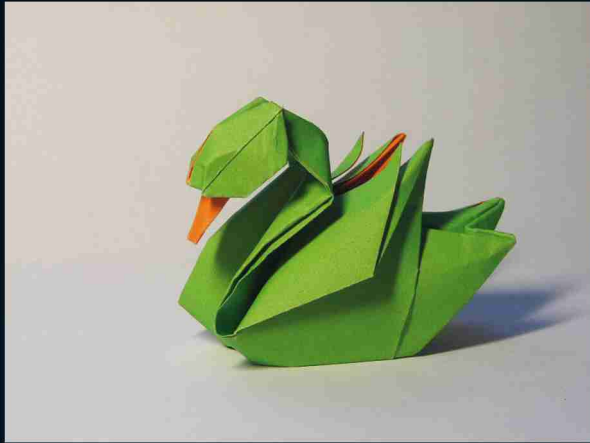
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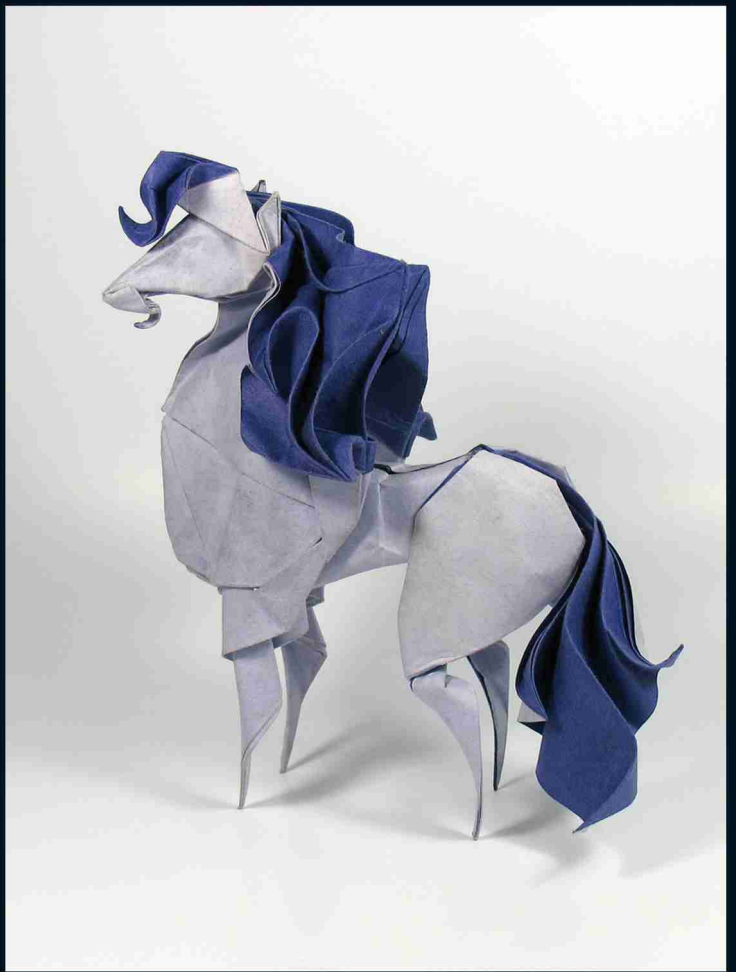
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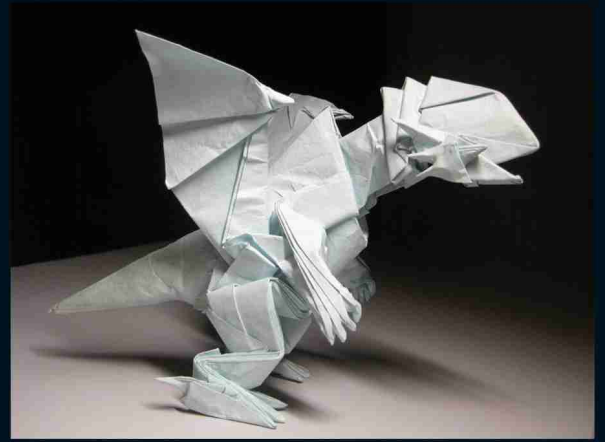




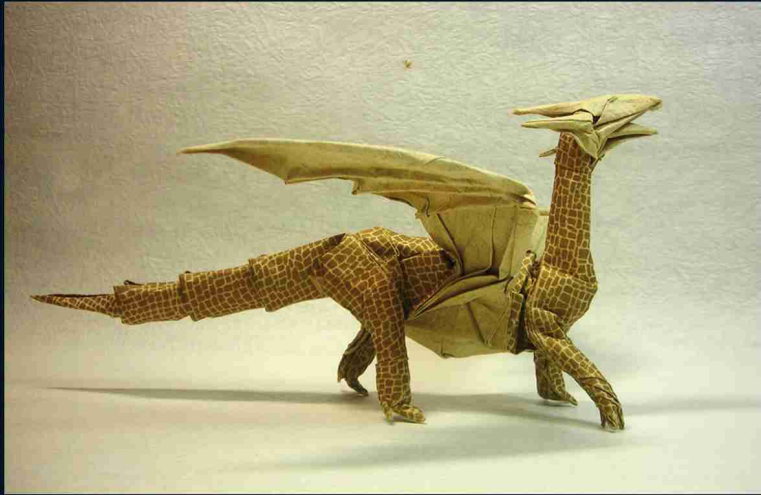
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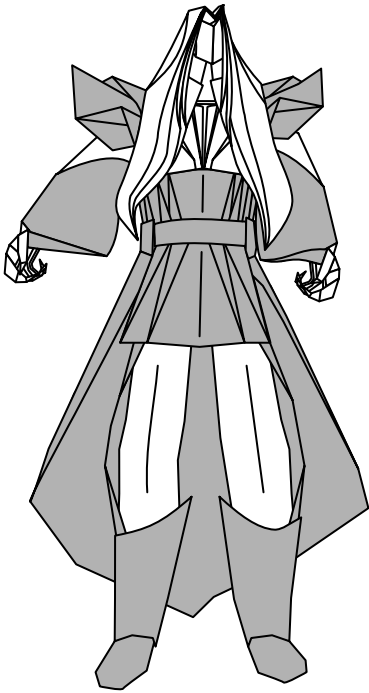
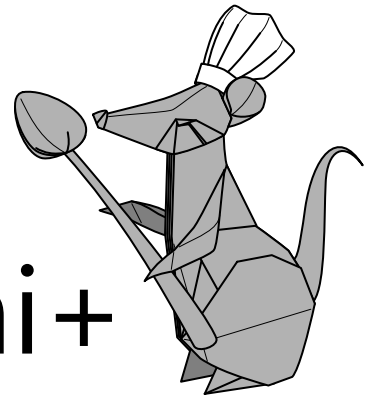


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# 50hrs Origami+

Vietnam Origami Group

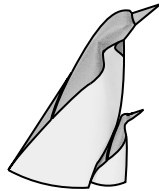


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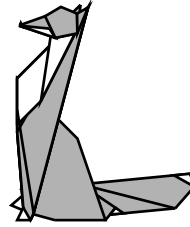
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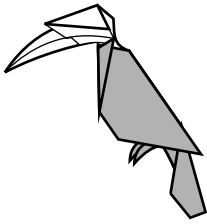
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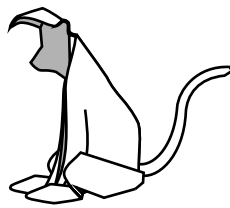
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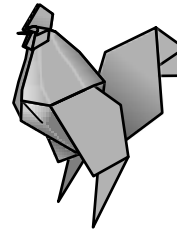
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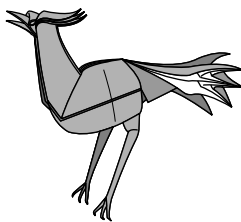
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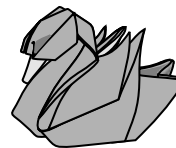
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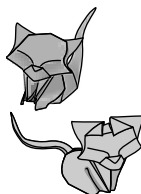
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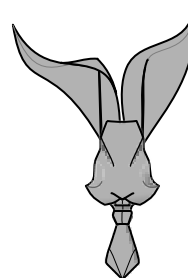
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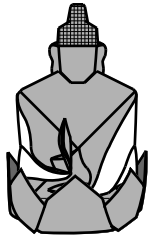


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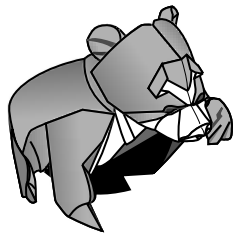


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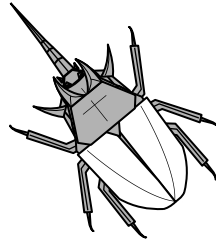




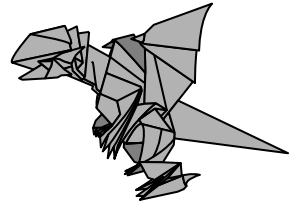
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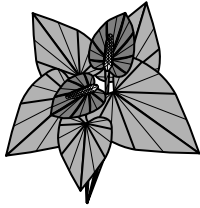
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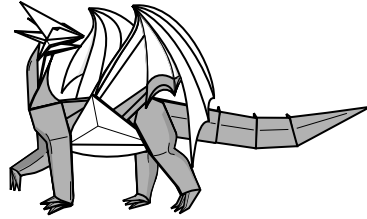
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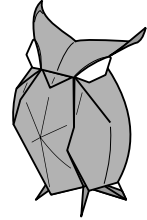
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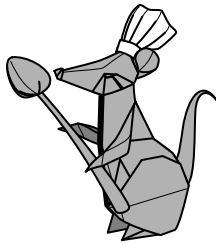
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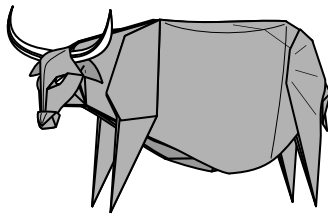
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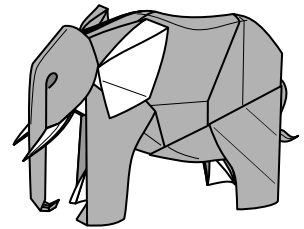
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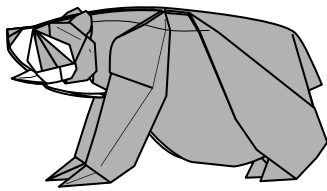
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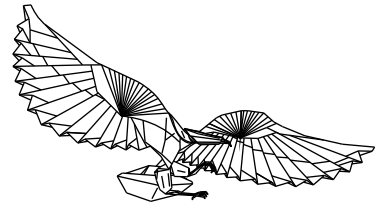
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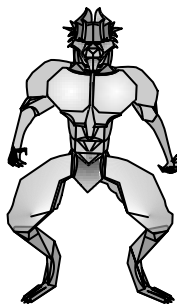
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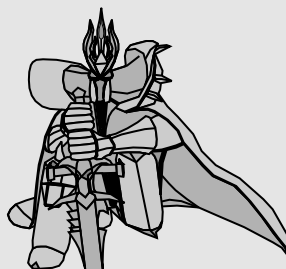


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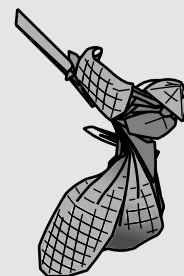


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## Foreword

As a lifelong origami enthusiast, I love to see the work of new designers, and to consider original styles and movements. Hungry for the sight of some radically simple, or complex creation, I find myself spending inordinate hours scouring internet galleries and forums. I've been fortunate to visit conventions of origami groups in many parts of the world, and the display tables and exhibition areas at these events always exert a magnetic attraction.

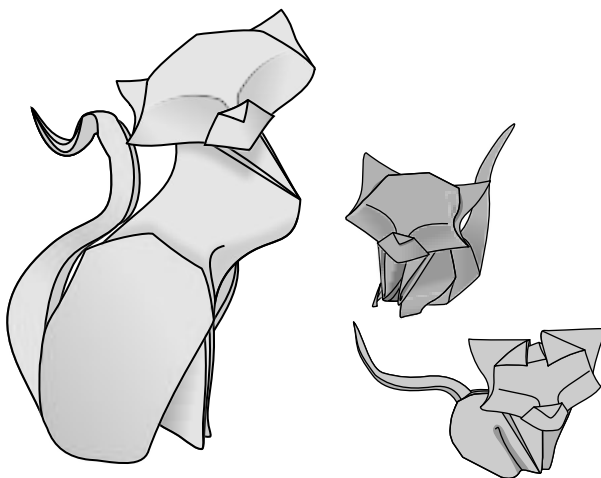
One of my regular ports of call in this relentless search is the forum of the Vietnam Origami Group <http://forum.origami.vn/> , a rich resource indeed. It forms the foundation of this book, which introduces the work of the best creators from Vietnam. These young artists have been quick to establish their own individual styles, and their work is already easily recognisable. Other emerging creators sometimes take several years to evolve their own characteristics, so the work portrayed here is notable for its early individuality.

These youthful designers cover an impressive range of styles. Study carefully the minimalist work of Pham Dieu Huy, Nguyen Vo Hien Chuong, and Nguyen Tu Tuan. At the other end of the spectrum, lovers of advanced folds will enjoy Nguyen Hung Cuong, Le Tuan, and Dao Cuong Quyet and others. The artists themselves have prepared all of the fully detailed diagrams in this book. But don't think that only the complex work is challenging: to reproduce the subtle and suggestive pieces by the minimalist Vietnamese folders requires other kinds of skills. Sensitivity, precision, and acute respect for the paper are tools you will need to get the best from these pages.

The modest character of Giang Dinh stands quietly behind the others, and his influence is visible in his protégés' work. A Vietnamese expatriate now based in the United States, Giang is recognised by many of his peers as a leading master of 21st century origami, whose most admired quality is his minimalist vision and interpretation of his subjects.

I'm proud to introduce and endorse this book, which was made possible by Nicolas Terry, a selfless promoter of others' origami artistry. It's thanks to him that you are able to enjoy this fine new anthology.

Dave Brill  
[www.brilliantorigami.com](http://www.brilliantorigami.com)



## Préface

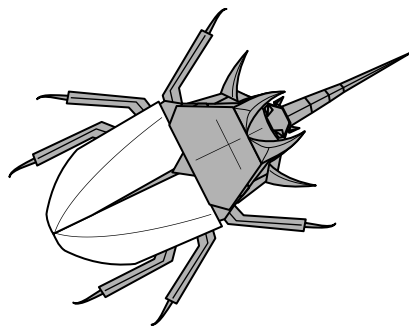
Passionné d'origami depuis très longtemps, j'aime découvrir le travail de nouveaux créateurs et dénicher des styles et des approches originaux. Je suis comme affamé à la vue d'une nouvelle création très simple ou au contraire très complexe et c'est pourquoi je me retrouve parfois à passer un nombre incalculable d'heures à écumer les galeries des sites Internet et autres forums sur l'origami. J'ai eu aussi la chance de participer à des conventions d'origami dans de nombreux pays et les tables d'expositions de modèles présentés là-bas ont toujours exercé sur moi une attraction magnétique.

Au cours de ces recherches incessantes, l'un des sites recevant mes visites régulières est le forum du Vietnam Origami Group <http://forum.origami.vn/> qui est une ressource riche en nouveautés. Ce forum est le fondement de ce livre qui présente le travail des meilleurs créateurs Vietnamiens actuels. Ces jeunes artistes ont été prompts à trouver leurs propres styles, et leur travail est déjà facilement reconnaissable. Habituellement, un créateur met plusieurs années pour émerger et faire évoluer son style, de sorte que les travaux présentés ici sont remarquables pour avoir trouvé leur individualité aussi tôt.

Ces jeunes créateurs présentent un éventail de style très impressionnant. Vous découvrirez ainsi les oeuvres minimalistes de Pham Huy-Dieu, Nguyen Vo Hien Chuong ou encore Tuan Nguyen Tu. À l'autre extrême, les amateurs de pliages complexes apprécieront les modèles de Nguyen Hung Cuong, Tuan Le, Dao Cuong Quyet et bien d'autres. Les artistes eux-mêmes ont dessiné tous les diagrammes de ce livre. Mais ne croyez pas que seuls les pliages complexes sont un défi : reproduire les plis subtils et suggestifs des modèles minimalistes vietnamiens nécessite une autre forme de compétence. Au final, sensibilité, précision et un important respect du papier sont les outils dont vous aurez besoin pour obtenir le meilleur de ces pages.

Le caractère modeste de Giang Dinh se tenant tranquillement derrière les autres ainsi que son influence sont visibles dans le travail de ses protégés. Cet expatrié Vietnamien, vivant désormais aux Etats-Unis, est reconnu par beaucoup de ses pairs comme l'un des plus grands maîtres de l'origami de ce 21<sup>ème</sup> siècle, admiré pour sa vision et son interprétation minimaliste de ses sujets.

Je suis fier de présenter ce livre, qui a été rendu possible par Nicolas Terry, un promoteur désintéressé de l'art de l'origami et de ses artistes. C'est grâce à lui que vous êtes en mesure de profiter de cette nouvelle anthologie.



Dave Brill  
[www.brilliantorigami.com](http://www.brilliantorigami.com)



## Introduction

After many years of preparation, the Vietnam Origami Group is thrilled to publish its first book of diagrams.

Established in 2004, VOG has grown to over 1,000 members dedicated to friendship, unity and the spread of Vietnamese origami around the globe. We look to origami not as a life goal or the ultimate meaning of life but rather as an instrument with which we build bridges and connect cultures throughout Vietnam and the world.

Because of this emphasis on unity, origami is a wonderful means of cultivating compassion and wisdom. Most people create origami objects with a subject matter in mind. It is because of this focus of theme that folders generate an innate love for nature, from the tiniest living beings such as insects to the largest mammals on earth. This in turn develops the spirit of compassion that nurtures wisdom. We feel that compassion and wisdom are the two most essential qualities for being human.

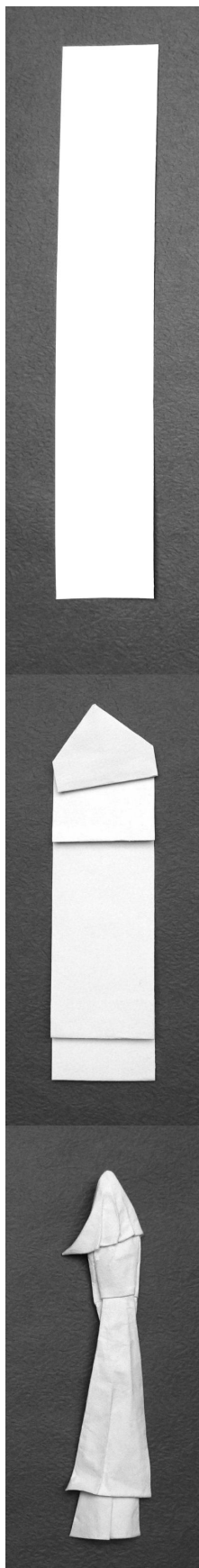
It is our hope that young people grasp this concept, as relationships between people are more important than origami itself. Origami alone is nothing if there is no human interaction.

The proliferation of origami is like radio or television waves in space that one cannot see. Once we plug into an origami outlet, many people immediately become linked. Those of us who share this passion and goal of unity somehow find each other and connect. The most important thing is the love we share for origami and paper folding together.

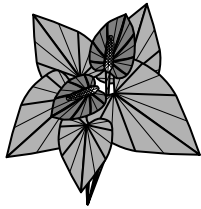
On behalf of VOG, I would like to thank Mr. Nicolas Terry. Without his help in introducing VOG on his website, we would not be as well known as we are today. I also would like to thank origami organizations as well as friends around the world for their support, especially Mr. Dinh T. Giang, who has acted as the connection between VOG and our international origami friends. Special thanks also go to Ho Quoc Bao, Nguyen Xuan Tung, Nguyen Tu Tuan, Le Nhat Anh, Nguyen Hung Cuong, and Hoang Trung Thanh ... some of the first members who have contributed a lot for the progress of VOG. I regret that I cannot list many more names; thank you everybody!

We are also very grateful to master Akira Yoshizawa, who sacrificed much to revitalize the ancient art of origami. He will live forever in our hearts.

The Seeker  
VOG founding member

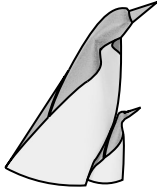


"Ao dai Viet Nam"  
Pham Dieu Huy



## Introduction

Après plusieurs années de préparation, le “Vietnam Origami Group” (VOG) est heureux de publier son premier livre de diagrammes.



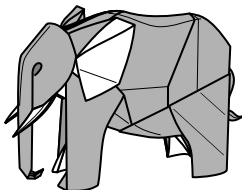
Créé en 2004, le VOG s'est développé jusqu'à devenir aujourd'hui un groupe composé de plus de 1000 membres, unis par l'amitié et la volonté de promouvoir l'origami Vietnamien à travers le monde. Nous nous intéressons à l'origami non pas comme un objectif de vie ou comme le but ultime de l'être, mais plutôt comme un outil avec lequel nous construisons des ponts entre les cultures, des liens entre le Vietnam et le monde.



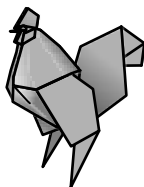
En raison de cet esprit d'unité, l'origami est un merveilleux moyen de cultiver la compassion et la sagesse. La plupart des artistes en origami créent des modèles avec un sujet à l'esprit. Vous devez disposer d'un thème et c'est cet intérêt pour une thématique qui rend les plieurs aussi attachés à la nature, du plus minuscule insecte jusqu'au plus grand mammifère terrestre. Cela développe ainsi la compassion qui nourrit la sagesse. Nous pensons que la compassion et la sagesse sont les deux qualités les plus essentielles pour l'être humain.



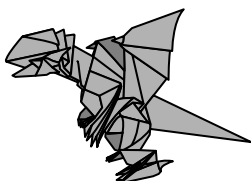
Les relations entre les gens sont plus importantes que l'origami lui-même ; l'origami seul n'est rien s'il n'y a pas d'interaction humaine. Nous espérons vraiment que les jeunes saisiront cet esprit.



La prolifération de l'origami est comme les ondes radio ou de télévision qui se multiplient dans l'espace sans que l'on ne puisse les voir. Mais une fois que nous nous branchons sur une prise d'origami, de nombreuses personnes deviennent immédiatement liées. Ceux d'entre nous qui partagent cette passion et cette recherche d'unité se trouvent en quelque sorte et se connectent. La chose la plus importante est l'amour, celui que nous partageons pour l'origami et le pliage de papier.



Au nom du VOG, je tiens à remercier M. Nicolas Terry. En présentant le VOG sur son site Internet, il nous a permis d'être connu internationalement. Je tiens également à remercier les associations d'origami ainsi que des amis du monde entier pour leur soutien, en particulier Mr. Dinh T Giang, qui a été le lien entre le VOG et nos amis internationaux. Des remerciements spéciaux vont aussi à Ho Quoc Bao, Nguyen Xuan Tung, Nguyen Tu Tuan, Le Nhat Anh, Nguyen Hung Cuong, et Hoang Trung Thanh ... dont certains furent les premiers membres et qui ont beaucoup contribué au progrès du VOG. Je regrette de ne pouvoir énumérer les noms de tous les autres, merci à tous !



Nous sommes également très reconnaissants envers Maître Akira Yoshizawa, qui a revitalisé l'art ancien de l'origami. Il vivra éternellement dans nos cœurs.

The Seeker  
Membre fondateur du VOG

# Symbols


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Valley-fold

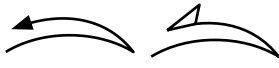
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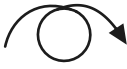
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Crease line

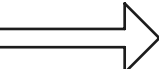
.....  
Hidden part


  
Fold paper forward

  
Fold paper backward

  
Making crease lines

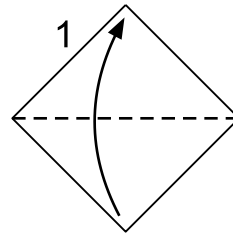
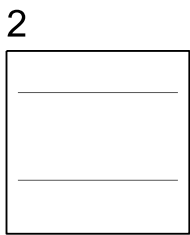
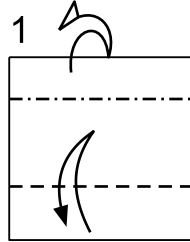
  
Turn over

  
Pull out

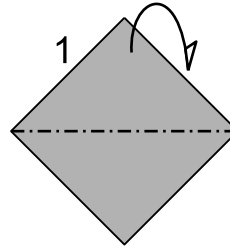
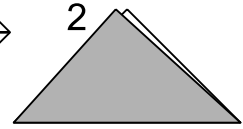
  
Zoom in

# Techniques

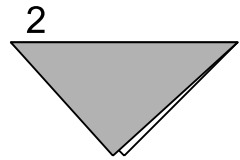
## Making Crease lines



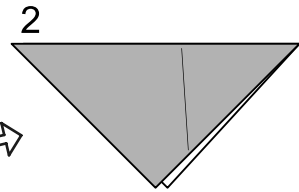
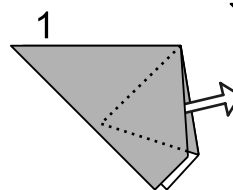
## Valley-fold



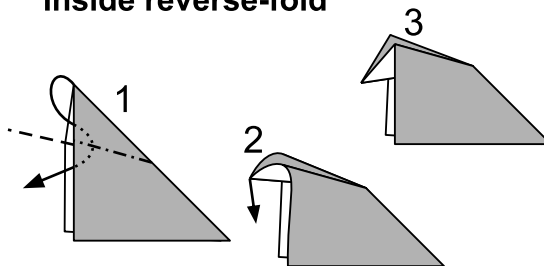
## Mountain-fold



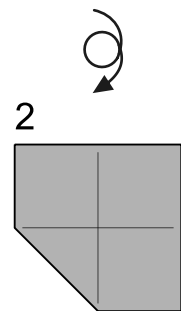
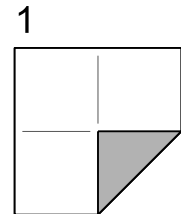
## Pull out



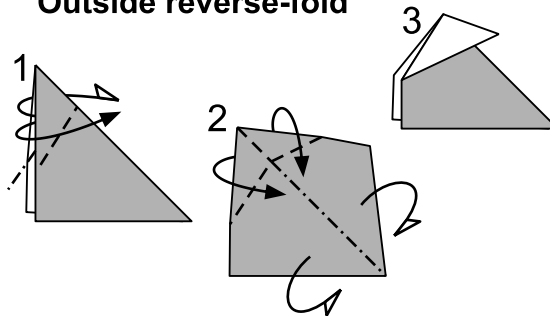
## Inside reverse-fold



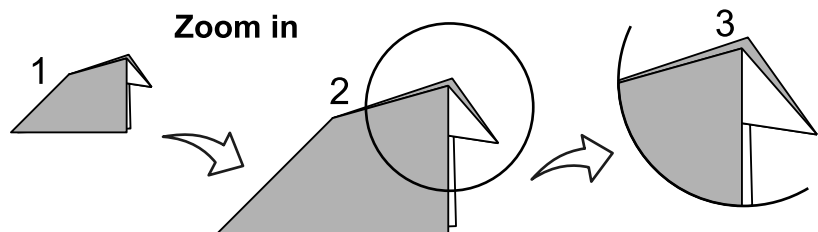
## Turn over



## Outside reverse-fold



## Zoom in



# Symbols



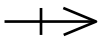
Push



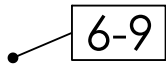
Rotate



Change viewpoint



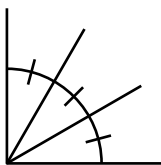
Repeat



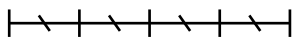
Repeat a range of steps



Right angle



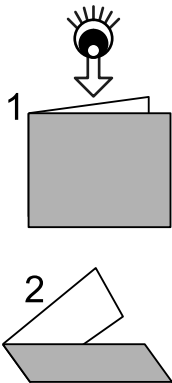
Dividing angle



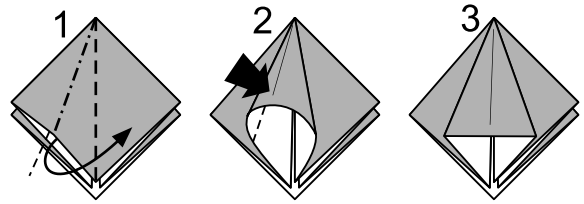
Dividing length

# Techniques

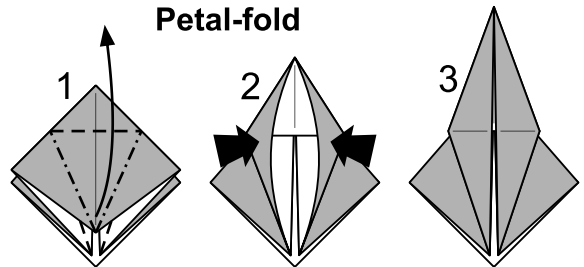
## Change Viewpoint



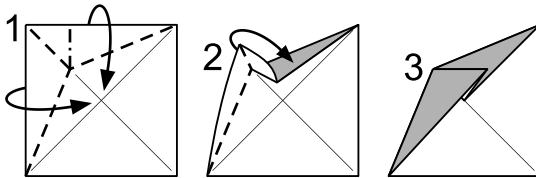
## Squash-fold



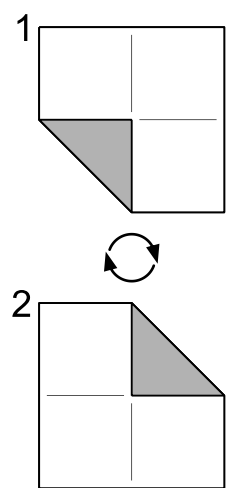
## Petal-fold



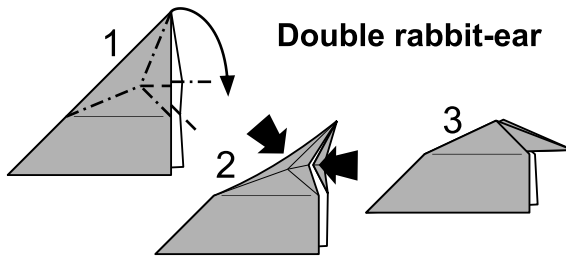
## Rabbit-ear



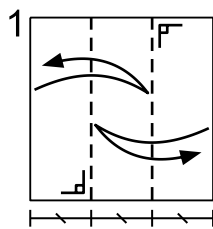
## Rotation



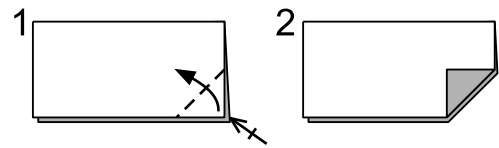
## Double rabbit-ear



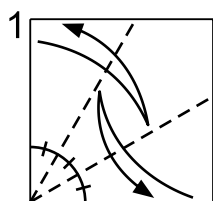
## Dividing length



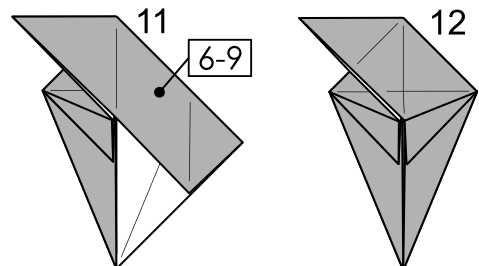
## Repeat



## Dividing angle



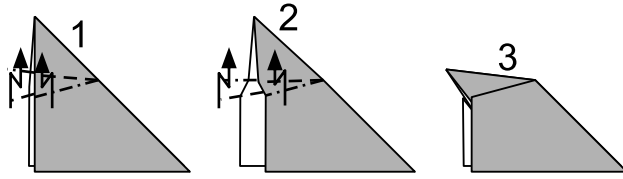
## Repeat a range of steps



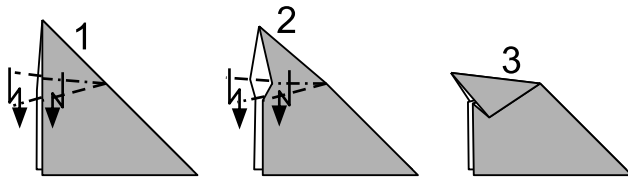


# Techniques

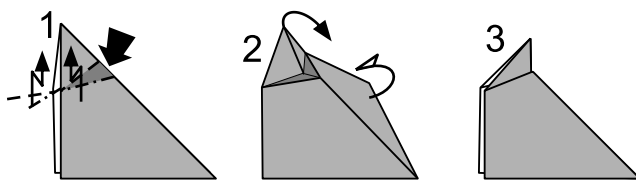
## Crimp inside



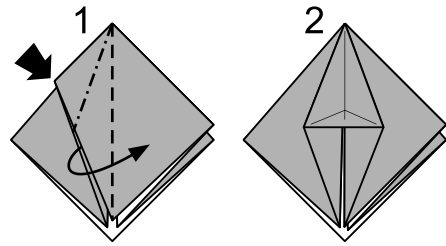
## Crimp outside



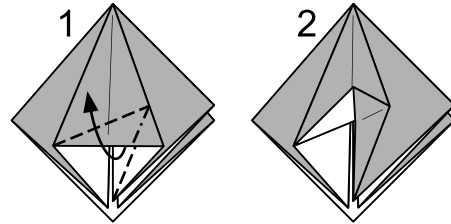
## Crimp and sink



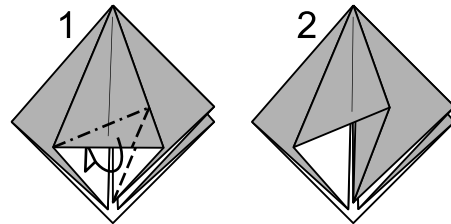
## Spread sink



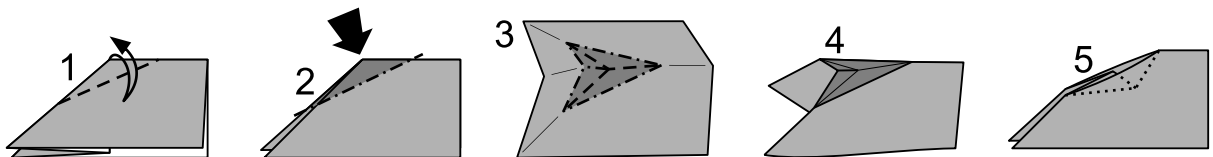
## Swivel-fold



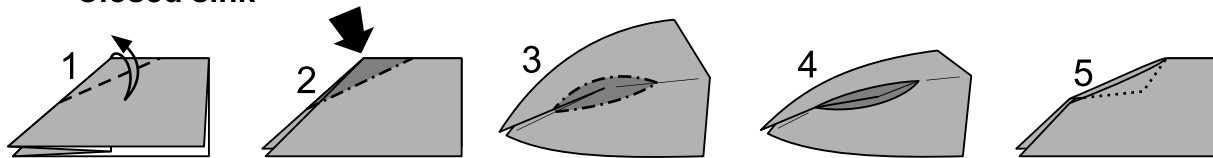
## Inside swivel-fold



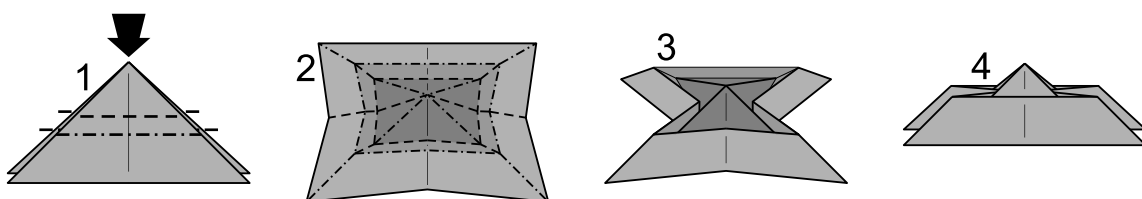
## Open sink



## Closed sink

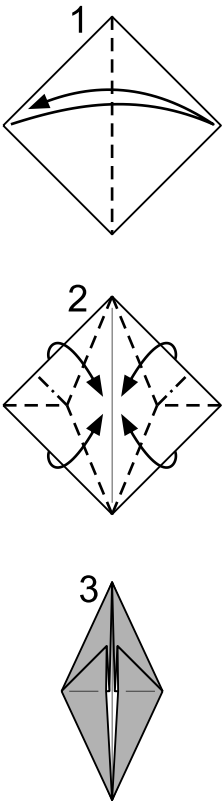


## Open sink in and out

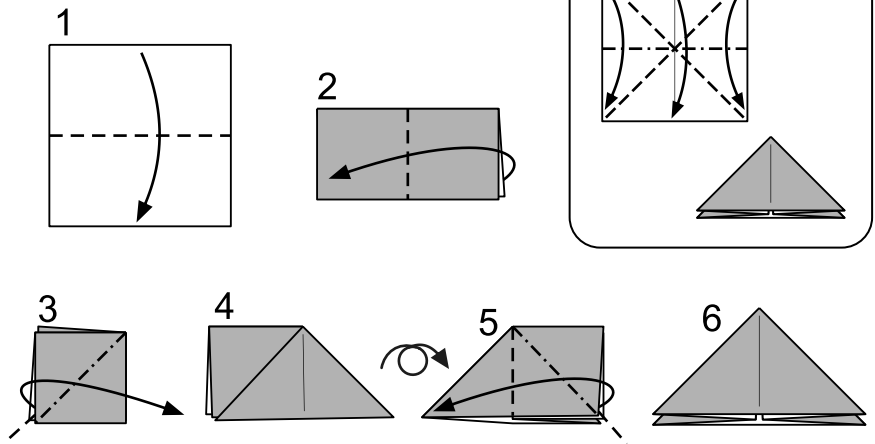


# Bases

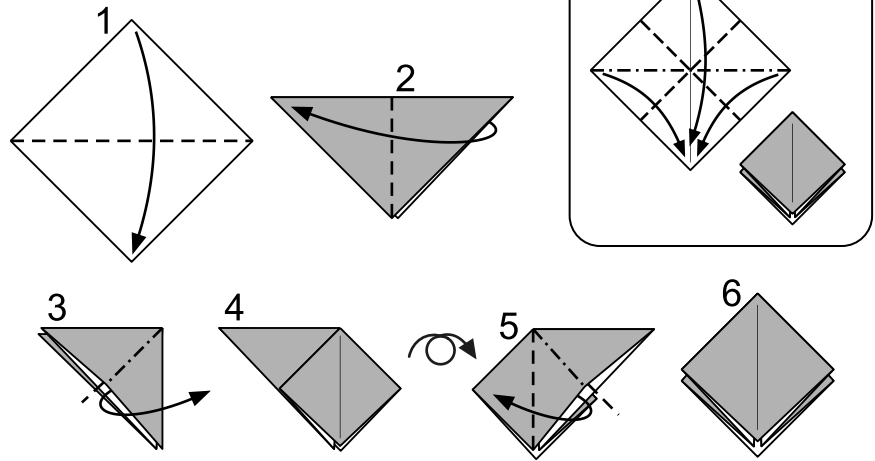
## Fish base



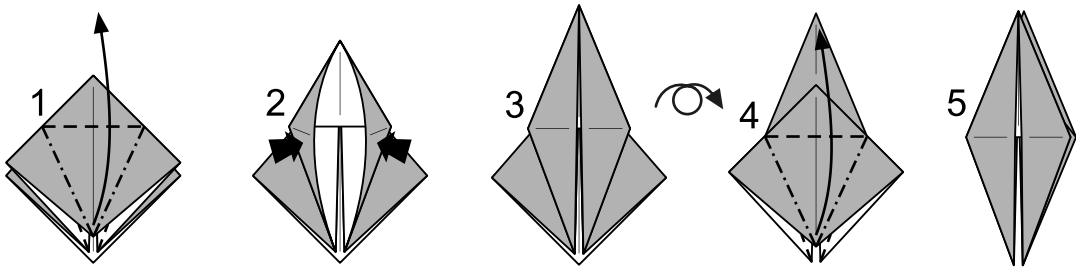
## Water-bomb base



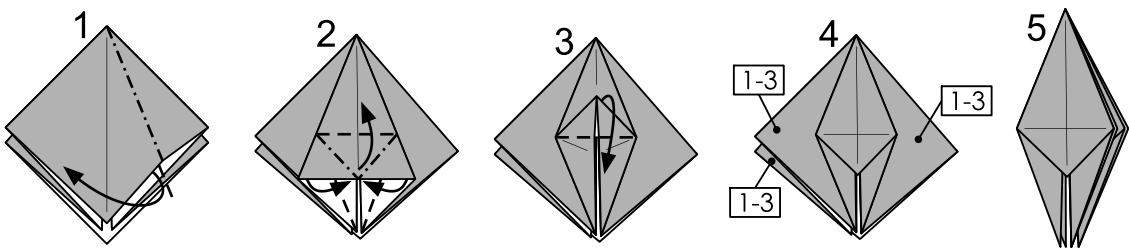
## Preliminary base



## Bird base



## Frog base



## List of contributors / Liste des auteurs

### Nguyễn Tuấn Anh

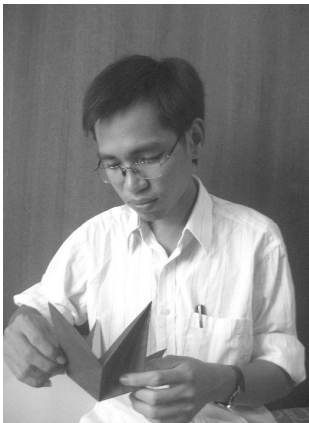


I am a 21-year-old student (Born in 1990). I was attracted by many interesting models in an origami book when I was 11 years old. Later on I joined the Vietnam Origami Group and started designing my own models. I often improvise with my designs, and don't stick to any themes or subjects. Recently, I have started designing human forms, because of the strong impression the art works by the great artist Eric Joisel's art works made on me. I learned a lot from his wonderful designs.

*Je suis un étudiant de 21 ans (né en 1990). Quand j'avais 11 ans, j'ai été très attiré par les modèles d'un livre d'origami. Plus tard, j'ai rejoint le "Vietnam Origami Group" et j'ai commencé à concevoir mes propres modèles. Lorsque je crée, j'improvise souvent sans chercher à coller à un thème ou à un sujet en particulier. Récemment, j'ai commencé à concevoir des formes humaines, en raison de la forte impression que j'ai ressentie devant les œuvres du grand artiste Eric Joisel. J'ai beaucoup appris de ses merveilleuses créations.*



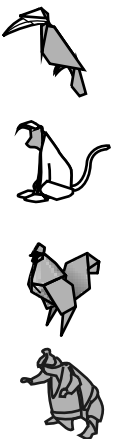
### Nguyễn V. Hiến Chương



Born in 1987 in Southern Vietnam. I received my degree from the Architectural University, Saigon in 2010 and I am currently working for an architectural firm. I started folding when I was 8 years old, joined the Vietnam Origami Group in 2006 and created my first original origami design in 2007. I like the styles of Akira Yoshizawa, Eric Joisel, Hojyo Takashi and Đinh Trường Giang, so my designs are more or less influenced by these artists. I like to combine flexible change of lines, surfaces or 3D blocks that are created by simple folds. I also like to emphasize a point just enough to express the typical characters of the models.

*Je suis né en 1987 dans le sud du Vietnam. J'ai reçu mon diplôme de l'Université d'architecture de Saïgon en 2010 et je travaille actuellement en tant qu'architecte. J'ai commencé à plier à 8 ans. Puis, j'ai rejoint le "Vietnam Origami Group" en 2006 et j'ai créé mes premiers origamis en 2007. J'aime les styles d'Akira Yoshizawa, Eric Joisel, Hojyo Takashi et Đinh Trường Giang. C'est pourquoi, mes créations sont plus ou moins influencées par ces artistes. J'aime combiner les effets de plis simples modifiant la flexibilité de lignes, de surfaces ou de formes en 3D. J'aime aussi souligner une particularité d'un modèle afin d'en exprimer son caractère typique.*

Website :  
<http://www.flickr.com/photos/34658754@N06/>



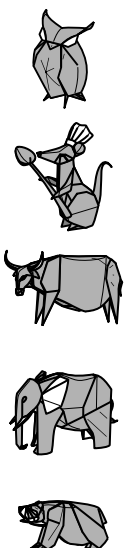
### Nguyễn Hùng Cường



Born in 1989 in Hanoi, Vietnam. Currently, I am a student at the Hanoi University of Technology. I began folding at the age of 7, and created my first design when I was 10 year old. I joined the Vietnam Origami Group in 2005. Most of my models are complex. I often make multiple versions of the same subject and then choose the most effective one as the final design. Sometimes I have many possible results; each of them has specific beauty due to different folding methods. My favorite subjects are animals. In my designs, I always try to represent not only the characteristics of the creature but also its emotions and motion.

*Je suis né en 1989 à Hanoï au Vietnam. Actuellement, je suis étudiant à l'Université de Technologie de Hanoï. J'ai commencé à plier à l'âge de 7 ans, et j'ai créé mon premier modèle quand j'avais 10 ans. J'ai rejoint le "Vietnam Origami Group" en 2005. La plupart de mes modèles sont complexes. Je réalise souvent plusieurs versions d'un même sujet et ensuite je choisis la plus efficace pour la conception finale. Parfois, j'ai de nombreux résultats possibles, chacun d'eux ayant une beauté particulière en raison des différentes méthodes de pliage. Mes sujets préférés sont les animaux. Dans mes créations, j'essaie toujours de représenter non seulement les caractéristiques de la créature mais aussi ses émotions et son mouvement.*

Website:  
<http://www.flickr.com/photos/blackscorpion/>



## Trần Trung Hiếu



Born in 1984 in Ho Chi Minh City, Vietnam. Currently I am a high school chemistry teacher. I started folding when I was 4 years old and became a member of the Vietnam Origami Group in 2006. I created my first design when I joined the VOG. I like to design models as realistically as possible with plentiful detail. That is why most of my designs are very complex. I am especially fond of dinosaurs and flowers, which are my main subjects in designing.



*Né en 1984 à Ho Chi Minh, Vietnam. Je suis actuellement professeur de chimie au lycée. J'ai commencé à plier quand j'avais 4 ans et je suis devenu membre du "Vietnam Origami Group" en 2006. J'ai créé mon premier modèle lorsque j'ai rejoint ce groupe. J'aime concevoir des modèles aussi réalistes que possible avec des détails abondants. C'est pourquoi la plupart de mes créations sont très complexes. Je suis particulièrement friand des dinosaures et des fleurs, qui sont mes sujets principaux d'inspiration.*

## Ngô Đức Hùng



Born in 1981. I am a physician currently working at Bach Mai Hospital in Hanoi and teaching at Hanoi Medical University. I learned origami when I was 12 years old and started creating my own models at 17. I have always considered folding a good way to release stress from working at the hospital. My works are very diverse and simple, there is no fixed style. I am interested in folding rectangular paper, especially the Vietnam dong bank notes because of their 1:2 ratio. It is difficult to fold money because of its small size.



*Né en 1981. Je suis médecin et je travaille actuellement à l'Hôpital Bach Mai à Hanoi et j'enseigne à l'Université de médecine de Hanoi. J'ai appris l'origami quand j'avais 12 ans et j'ai commencé à créer mes propres modèles à 17 ans. J'ai toujours considéré le pliage comme un bon moyen d'évacuer le stress du travail à l'hôpital. Mes œuvres sont très diverses et simples. Je n'ai pas un style défini. Je suis intéressé dans le pliage de papier rectangulaire, spécialement les billets de banque Vietnamiens qui possèdent un ratio 1 : 2. Mais il est difficile de plier ces billets du fait de leur très petite taille.*

## Phạm Diệu Huy



Born in 1978. Currently residing and working in Hai Phong. I folded paper when I was little but stopped when I was 12 until I learned about the VOG - my passion for origami has returned since. I like all kinds of models, from simple to complex, if they are beautiful and expressive. You can see the influence of Neil Elias in some of my work. I normally create model by improvisation.



*Né en 1978, je réside et travaille actuellement à Hai Phong. J'ai commencé à plier du papier depuis que je suis petit mais je me suis arrêté à l'âge de 12 ans jusqu'à ce que j'apprenne l'existence du "Vietnam Origami Group". Ma passion pour l'origami est revenue depuis. J'aime toutes sortes de modèles, du simple au complexe, du moment où ils sont beaux et expressifs. Vous pouvez voir l'influence de Neil Elias dans certains de mes travaux. Habituellement, je crée un modèle par improvisation.*

## Đào Cương Quyết



Born in 1988. I am studying at the Military Academy Institute, and work as an origami instructor at the Vietnam–Australia International School. I started folding at the age of 10, became a Vietnam Origami Group member in 2005, and created my first design that year. Most of my designs are of insects and fantasy figures.... My style is influenced by artists like Manuel Sirgo and Eric Joisel. In all my models, I focus on sculptural shaping once the basic structure is established.



*Né en 1988, je suis étudiant à l'Académie militaire, et je travaille comme professeur d'origami à l'"Australia International School". J'ai commencé à plier à 10 ans puis je suis devenu membre du "Vietnam Origami Group" en 2005. J'ai créé cette année là mon premier modèle. La plupart de mes créations sont des insectes et des créatures fantastiques.... Mon style est influencé par des artistes tels que Manuel Sirgo et Eric Joisel. Dans tous mes modèles, je me concentre sur le modelage une fois que la structure de base est établie.*

Website :  
<http://www.flickr.com/phot>

## Hoàng Tiến Quyết



Website :  
[http://www.flickr.com/photos/ori\\_q/](http://www.flickr.com/photos/ori_q/)

Born in 1989, Vinh Phuc, Vietnam. I started folding at the age of 6 years, joined the Vietnam Origami Group in 2006, and started designing about 1 year later. In 2008, I started wet folding my designs, instead of dry folding. I like the styles of Akira Yoshizawa, Kunihiko Kasahara, Eric Joisel and Dinh Truong Giang very much. I learn a great deal from studying their work. I love designing animals, and like to exaggerate details as well as personify them. Wet folding helps me to achieve softness in the models.

*Je suis né en 1989 à Vinh Phuc au Vietnam. J'ai commencé à plier, à l'âge de 6 ans, puis j'ai rejoint le "Vietnam Origami Group" en 2006. J'ai commencé à créer environ 1 an plus tard. En 2008, j'ai commencé à plier avec la technique du pliage humide (wet-folding) au lieu de les plier à sec. J'aime les styles d'Akira Yoshizawa, Kunihiko Kasahara, Eric Joisel et Dinh Truong Giang. J'ai beaucoup appris en étudiant leur travail. J'aime concevoir des animaux et exagérer les détails qui les personnifient. Le pliage humide m'aide à apporter de la douceur à mes modèles.*



## Đặng Việt Tân



Born in 1990, joined VOG since 2007. Currently studying in Japan. I love art and have created both simple and complex origami models. I am still experimenting and studying origami techniques and working on finding my own voice.

*Né en 1990, j'ai rejoint le "Vietnam Origami Group" en 2007. Actuellement, je suis étudiant au Japon. J'aime l'art et je créé des modèles d'origami à la fois simples et complexes. Je suis toujours en train d'expérimenter et d'étudier les techniques d'origami afin de trouver mon propre style.*



## Hoàng Trung Thành



I first got to know origami when I was 10 years old and immediately fell in love with it. I was one of the first Vietnam Origami Group members in 2005. Since then, I have met many people who share the same passion for paper folding. I have always tried to learn from them and I have designed a number of models. You can see the influence of the two origami authors that I most admire: Kamiya Satoshi and Takashi Hojyo. Most of my designs are complex and use box pleating techniques, but I also focus on using the thickness of paper itself to create the 3D structure for the model.

*J'ai appris l'origami quand j'avais 10 ans et j'en suis immédiatement tombé amoureux. J'ai été l'un des premiers membres du Groupe du "Vietnam Origami Group" en 2005. Depuis, j'ai rencontré beaucoup de personnes qui partagent la même passion pour le pliage de papier. J'ai toujours essayé d'apprendre d'eux et j'ai créé un certain nombre de modèles. Vous pouvez y voir l'influence des deux auteurs d'origami que j'admire le plus : Kamiya Satoshi et Takashi Hojyo. La plupart de mes créations sont complexes et utilisent des techniques de pliage en « Box pleating », mais je mets aussi l'accent sur l'utilisation de l'épaisseur du papier lui-même pour créer la structure 3D du modèle.*



## Nguyễn Nguyễn Thông



Born in 1995, Danang, Vietnam. Currently I am a student at Phan Chau Trinh High School. I started folding when I was 7, joined the Vietnam Origami Group in 2008 and created my first design at that time. I like the styles of Brian Chan, Quentin Trollip.... My main subject is animals. All of my works are complex and color changes are incorporated when designing the models.

*Je suis né en 1995 à Danang au Vietnam. Actuellement, étudiant à la "Phan Chau Trinh High School", j'ai commencé à plier à l'âge de 7 ans, puis j'ai rejoint le "Vietnam Origami Group" en 2008 où j'ai créé mon premier modèle. J'aime le style de Brian Chan, Quentin Trollip .... Les animaux sont mon sujet de prédilection. Toutes mes œuvres sont complexes et les changements de couleur sont anticipés lors de la conception du modèle.*



## Lê Tuân



Born in 1987. I currently live in Hanoi and work at the Molecular Biotechnology Laboratory at Hanoi University of Science and Technology. In 2007, after seeing an exhibition by VOG members, I was very impressed and knew that I would like to study the art of origami. In the summer of 2008, I started learning and experimenting with box pleating techniques and made my first design. I like designing insects and humanoid figures – fantasy characters and characters from computer games or animation movies.



*Né en 1987, je vis actuellement à Hanoï et je travaille au laboratoire de biotechnologie moléculaire de l'Université de Sciences et de Technologie de Hanoï. En 2007, après avoir vu une exposition des membres du "Vietnam Origami Group", j'ai été très impressionné et je savais que je voulais étudier l'art de l'origami. Au cours de l'été 2008, j'ai commencé à apprendre et expérimenter les techniques du « box pleating » et j'ai réalisé mon premier modèle. J'aime créer des insectes et des figures humanoïdes tels que des personnages de jeux vidéos et de films d'animation .*

## Nguyễn Tú Tuấn



I am a chemical engineer, 38 years old, married with two sons. I currently live in Saigon, Vietnam. I started folding at the age of 5 or 6, when my father gave me some simple airplanes as well as the traditional crane and taught me how to fold them. Since that day, origami has been my hobby. I became a member of the Vietnam Origami Group in 2006 and created my first design in March 2008. I really like the spirit in the models of Master Akira Yoshizawa and Bernie Peyton. Đinh Trường Giang's wet folding technique and symbolized models are also among my favorites. I always try to make my models with as few folds as possible because I like simplicity and symbolization. I also frequently wet fold my models to convey my feelings.



*Marié et père de deux fils, j'ai 38 ans et je suis ingénieur chimiste. Je vis actuellement à Saïgon au Vietnam. J'ai commencé à plier à l'âge de 5 ou 6 ans. Un jour mon père m'a donné quelques avions simples ainsi que la grue traditionnelle et m'a appris à les plier. Depuis ce jour, l'origami est devenu ma passion. Je suis devenu un membre du "Vietnam Origami Group", en 2006 et j'ai créé mon premier modèle en mars 2008. J'aime vraiment l'esprit que l'on trouve dans les modèles de Maître Akira Yoshizawa et Bernie Peyton. La technique en pliage humide de Đinh Trường Giang ainsi que les modèles stylisés sont parmi mes favoris. J'essaie toujours de réaliser mes modèles avec aussi peu de plis que possible car j'aime la simplicité et la symbolisation. J'utilise souvent la technique du pliage humide pour donner une âme à mes modèles.*

## Đinh Trường Giang



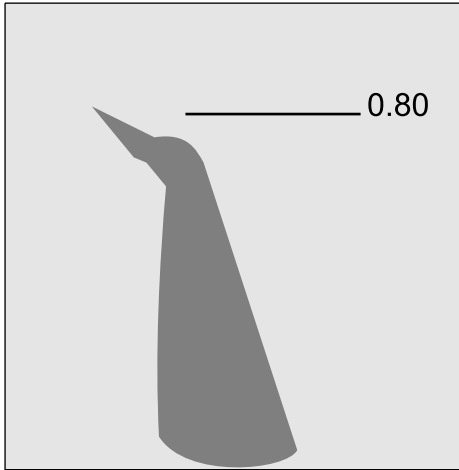
Born in 1966, Hue, Vietnam  
Underlying philosophy: Less is more.  
Prefer simple, abstract, 3d and elegant works.

*Né en 1966, Hué, au Vietnam  
Philosophie sous-jacente : "Le moins fait le plus".  
J'aime les œuvres simples, abstraites, élégantes et en 3D.*



Website :  
<http://giangdinh.com>





# Penguin

## Pingouin

Dinh Truong Giang

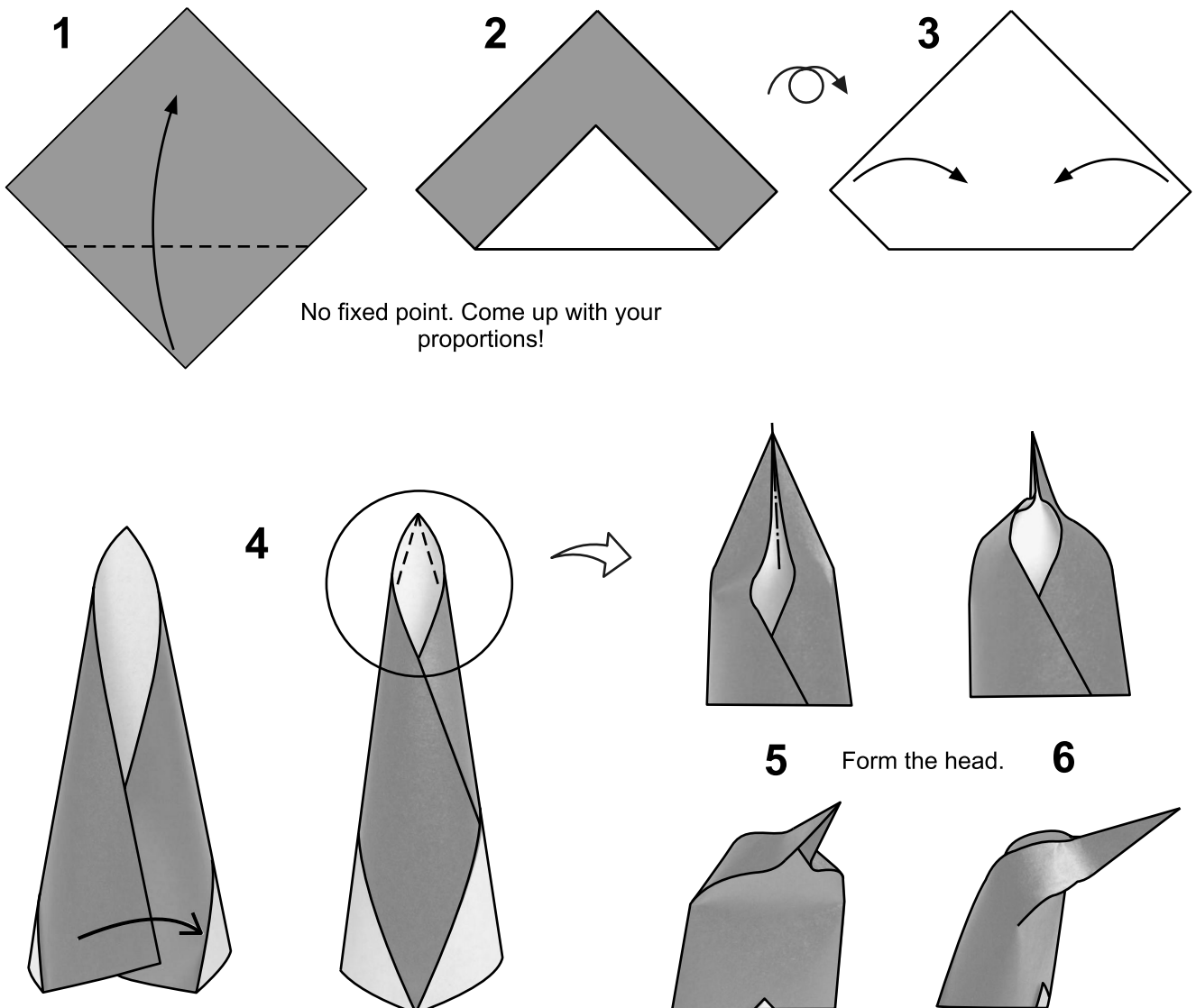
2010

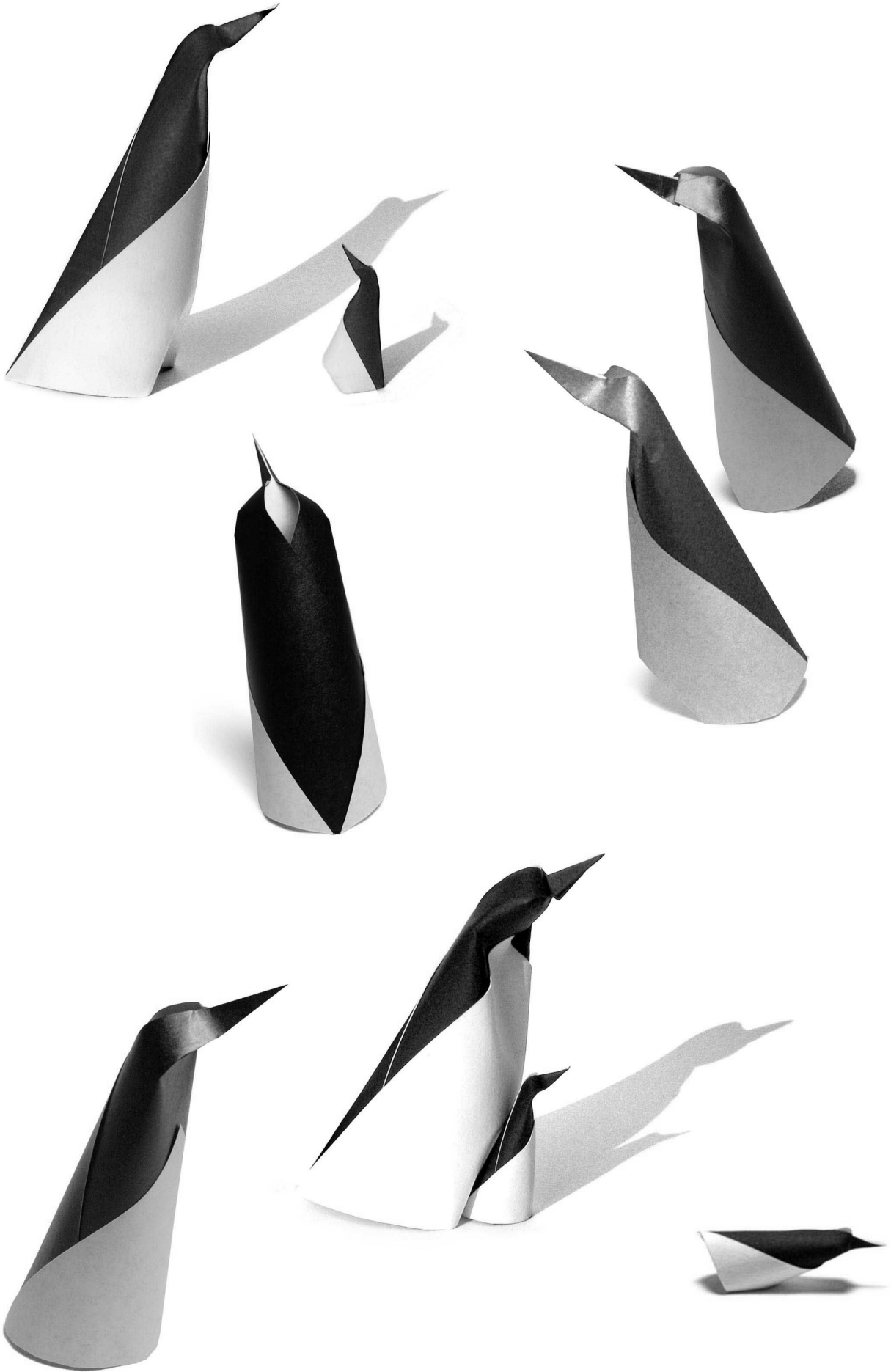
Level / Niveau : ★★★  
 Time to fold / *Pliage* : 20 min  
 Paper size /  
*Taille du papier* : 15x15cm

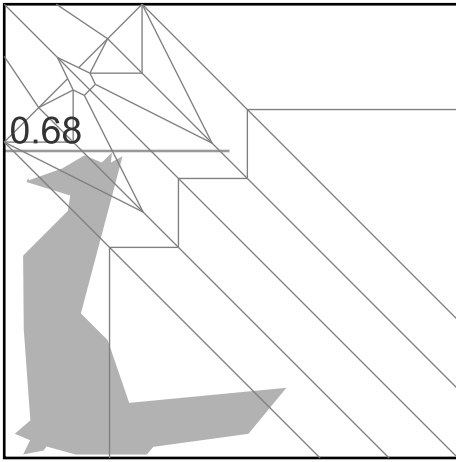


This model is a good example of what I like to achieve in designing: 3D, simple and elegant.

*Ce modèle est un bon exemple de ce que je souhaite créer en origami : un modèle en 3D, simple et élégant.*





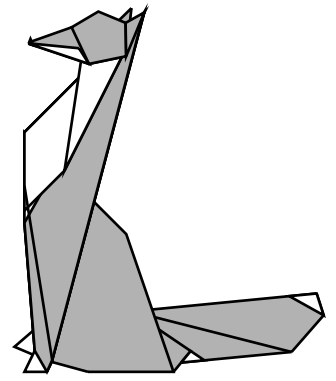


# Fox

## Renard

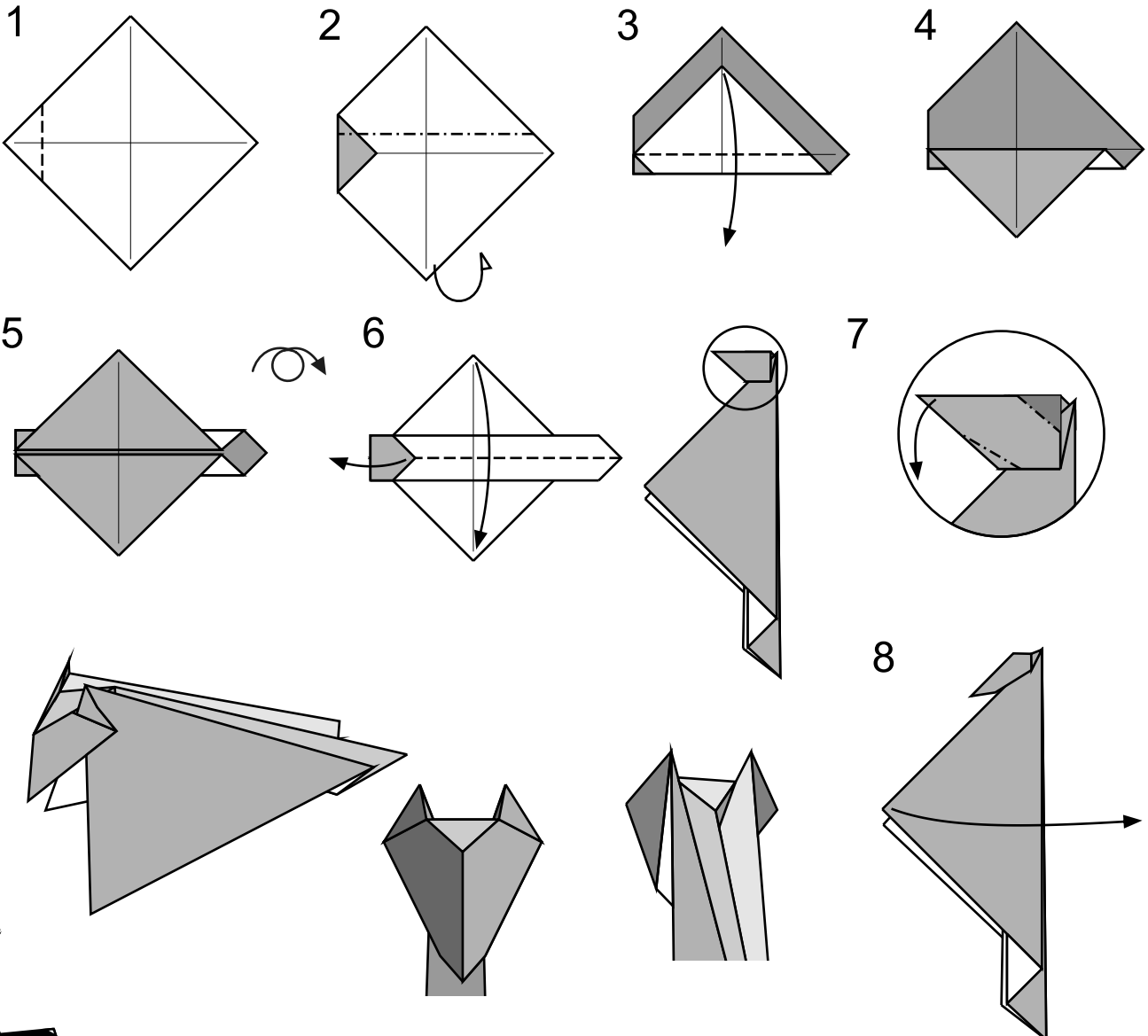
Dinh Truong Giang

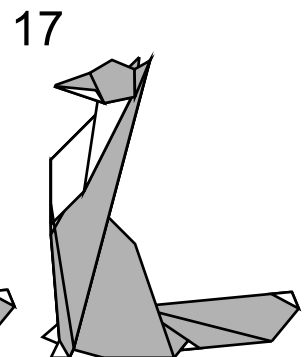
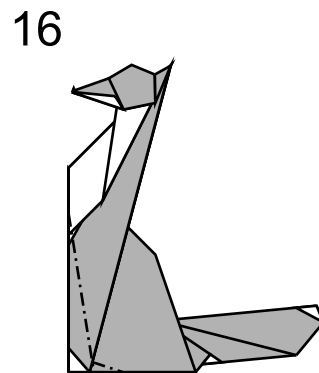
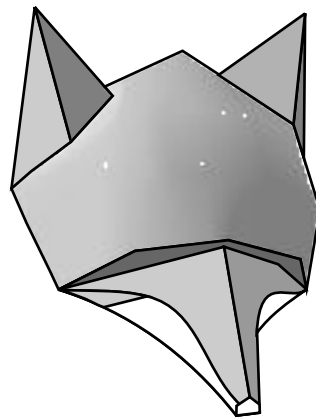
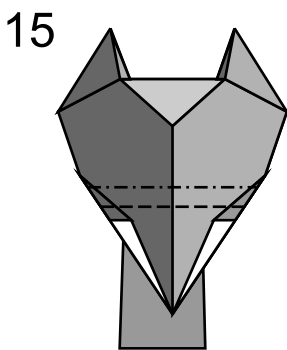
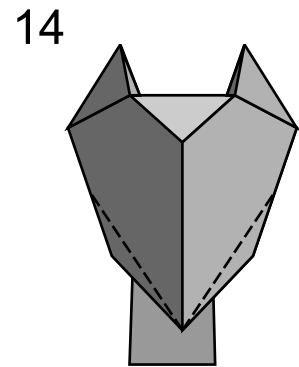
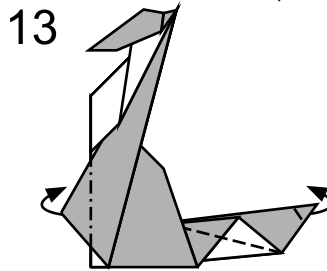
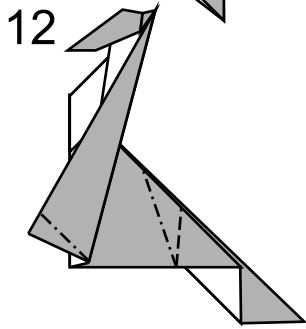
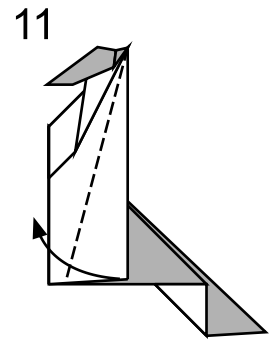
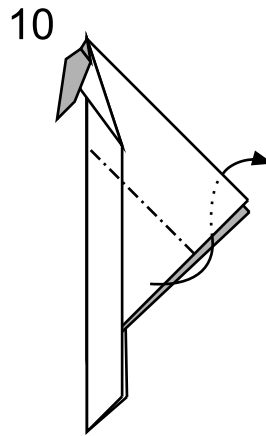
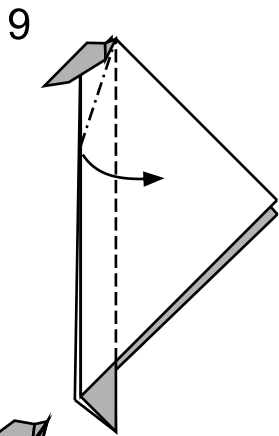
Level / Niveau : ★★★★★  
 Time to fold / Pliage : 1h  
 Paper size /  
 Taille du papier : 30x30cm



This is a variation of my seated cat. The diagram is basic and two-dimensional. I do hope you come up with your own variation, even try a seated cat too. Wet folding is recommended for a three-dimensional model.

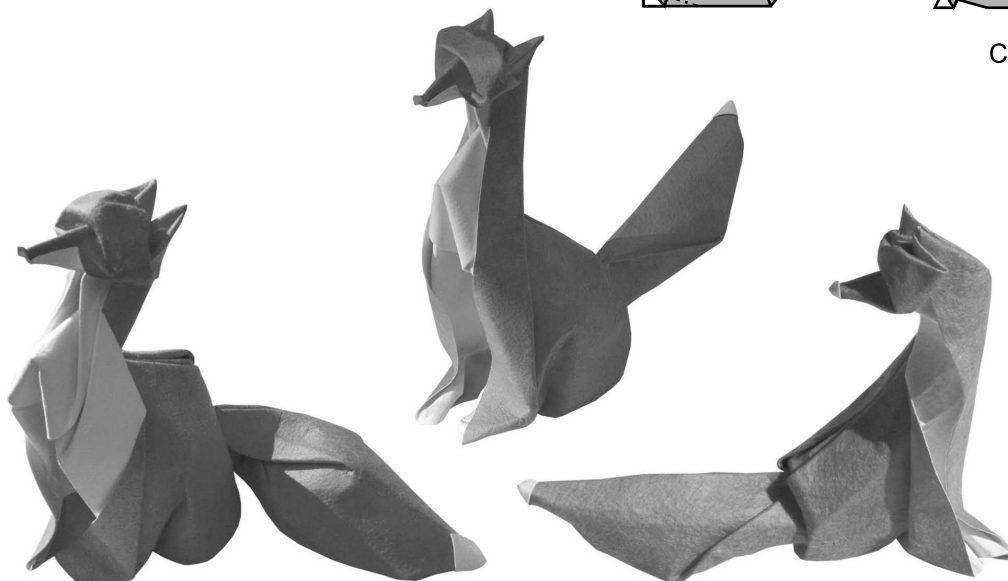
*Ce modèle est une variante de mon chat assis. Le pliage est simple et en 2D. J'espère que vous réaliserez par vous même vos propres variantes. Essayez aussi de plier un chat assis. La technique du pliage humide est recommandée pour passer votre modèle en 3D à la fin.*





Try to make the head 3D and modify the ears.

Completed.



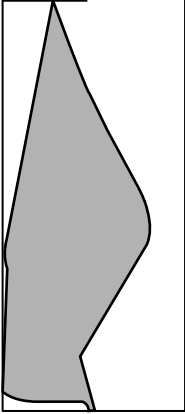
# Wizard / Sorcier

Nguyen Tu Tuan

05/02/2010

Level / Niveau : ★★★  
 Time to fold / Pliage : 20min  
 Paper size / Taille du papier : 6x24cm

0.56

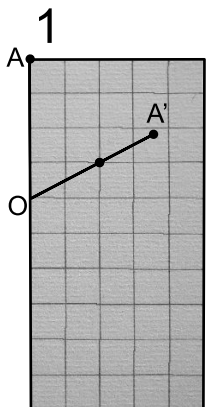
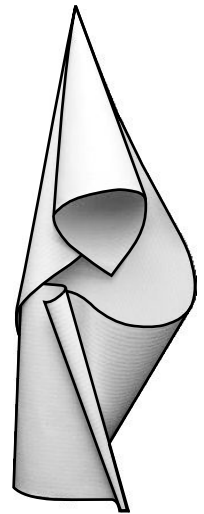


This is the result of my new idea - origami without folding. The model is created by rolling a piece of 1x4 rectangular paper into different directions. Wet folding with Canson paper is recommended. After folding is finished, use string or tape to fix the shape of the model until it is completely dry.

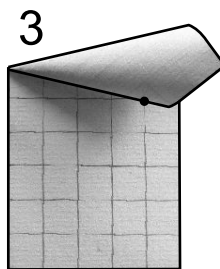
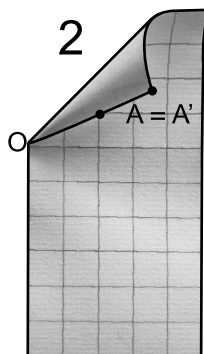
Note: to make it easier to follow, use a 5x20 grid as shown to identify reference points.

*Ce modèle résulte d'un nouveau concept : l'origami sans aucun pli. Le modèle est créé en roulant un morceau de papier rectangulaire de dimensions 1x4 dans des directions différentes. La technique du pliage humide sur papier Canson est recommandée. Quand le pliage est terminé, utilisez de la corde ou du ruban adhésif pour maintenir la forme du modèle jusqu'à ce qu'il soit complètement sec.*

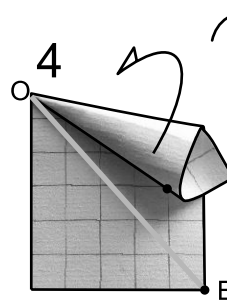
Remarque : pour rendre le diagramme plus facile à suivre, une grille de format 5x20 permet d'identifier les points de référence.



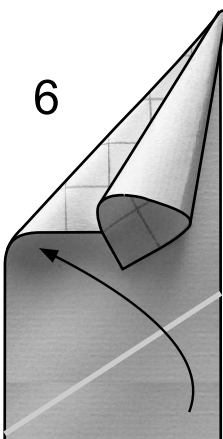
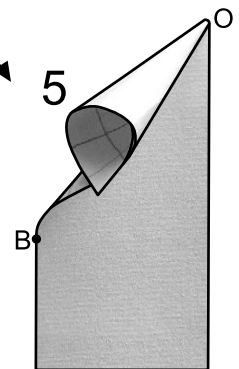
Only the upper half is shown here. Roll the paper to make a cone, with the peak at O, and corners A & A' aligned to the same position.



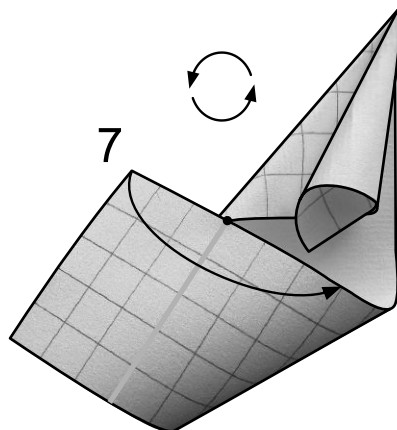
Continue rolling. Pay attention to the reference point.



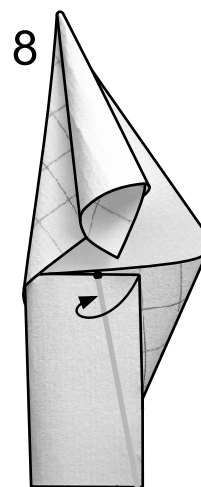
Twist the upper part behind, along



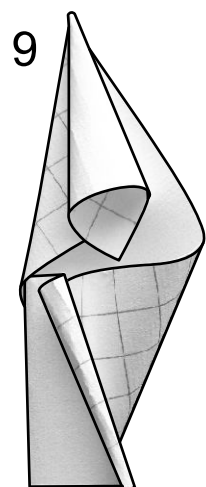
Twist the lower part to the front, along the reference line.



Twist the left part to the front, along the reference line.

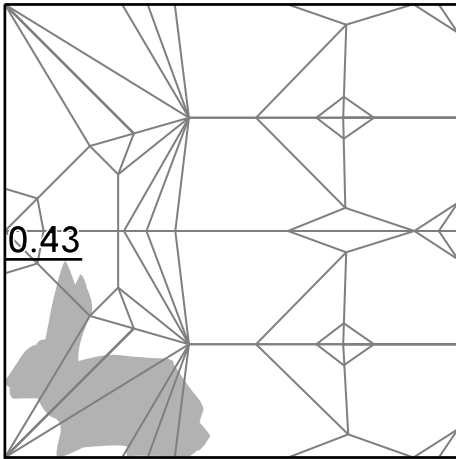


Roll along the reference line.



Completed model.





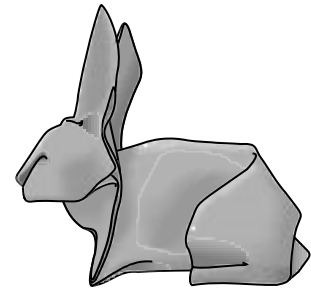
# Rabbit

Lapin

Nguyen Tu Tuan

23/01/2010

Level / Niveau : ★★★  
 Time to fold / Pliage : 30 min  
 Paper size /  
 Taille du papier : 15x15cm

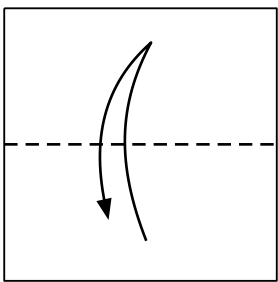
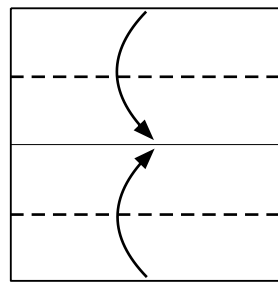
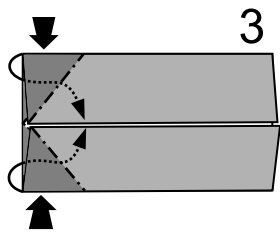
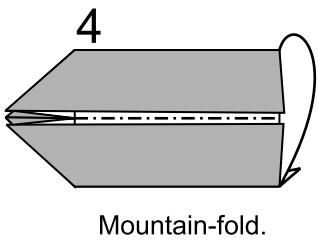
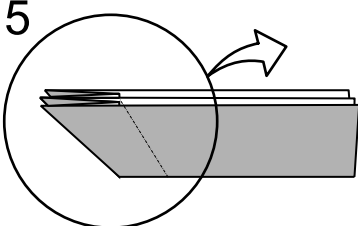
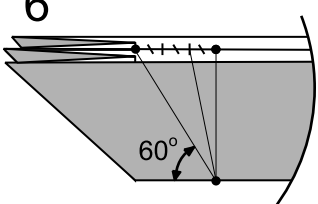
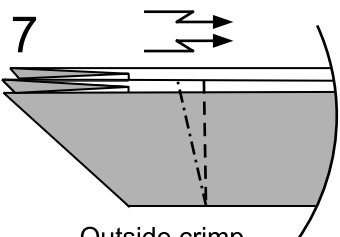
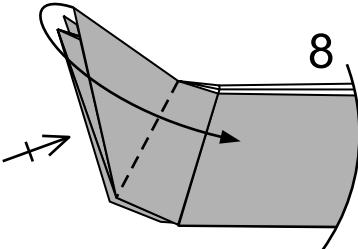
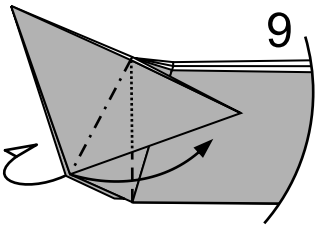
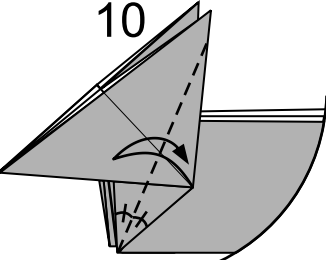


This model is very meaningful to me because it is the first 3D model I designed and folded from a square sheet of paper.

Note: Wet-folding using Canson 200 gsm is recommended to capture the softness and liveliness of the model.

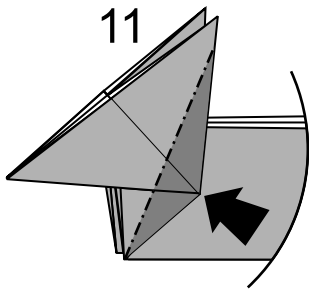
*Ce modèle est très important pour moi car il est le premier modèle en 3D que j'ai conçu, plié à partir d'une seule feuille de papier carré.*

Remarque : Je vous recommande de plier ce modèle avec la technique du pliage humide sur du Canson 200 g/m<sup>2</sup> pour saisir la douceur et la vivacité du modèle.

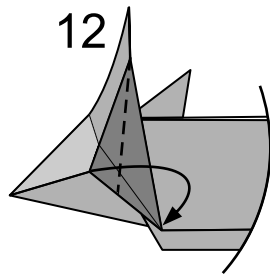
- 1  Fold and unfold.
- 2  Valley-fold to the center.
- 3  Inside reverse-fold.
- 4  Mountain-fold.
- 5  Check the next steps to see how to identify the reference point.
- 6  60°
- 7  Outside crimp.
- 8  Valley-fold the upper flap. Repeat behind.
- 9  Double crimp but keep the outside flap flat.
- 10  Fold and unfold.



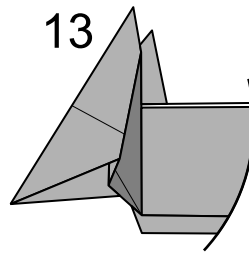




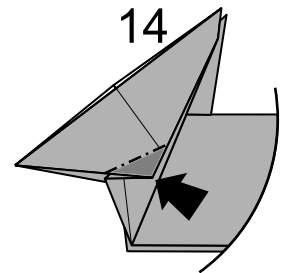
11  
Partial open sink: check the next steps to see how to close.



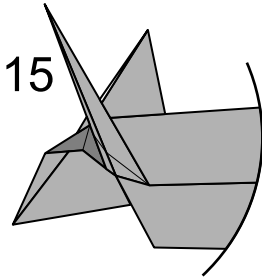
12



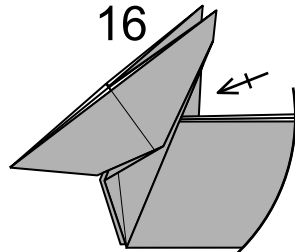
13



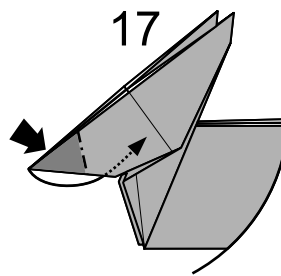
14  
Inside reverse-fold or open sink.



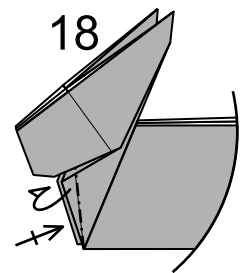
15



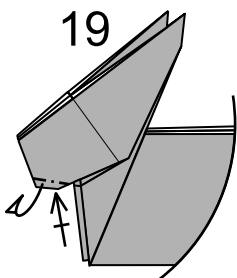
16  
Repeat steps 8 to 14 behind.



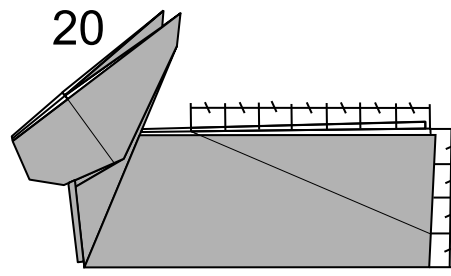
17  
Inside reverse-fold.



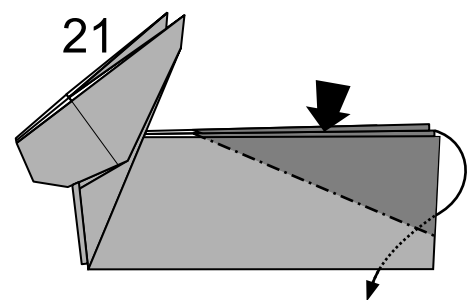
18  
Mountain-fold.  
Repeat behind.



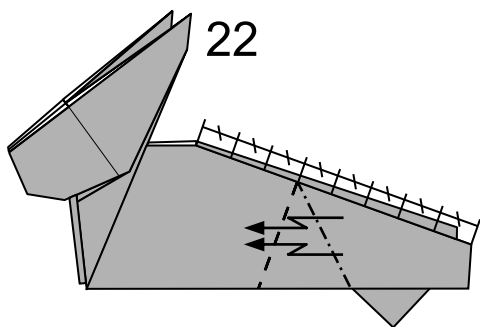
19  
Mountain-fold.  
Repeat behind.



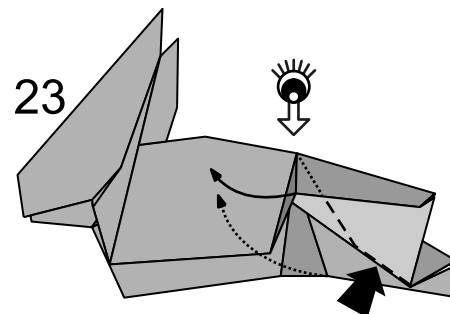
20  
See the picture to identify reference points for the next step.



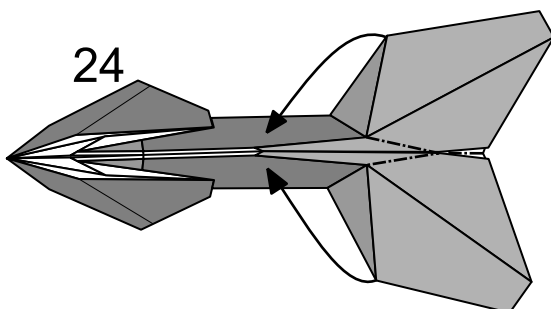
21  
Inside reverse-fold on all the layers.



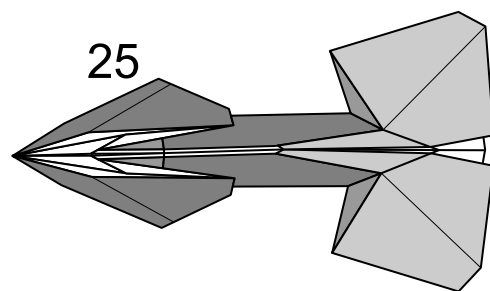
22  
Double crimp. See the next step for 3D fold.



23  
While crimping, push out and reverse-fold as it collapses. See next steps for the top view.

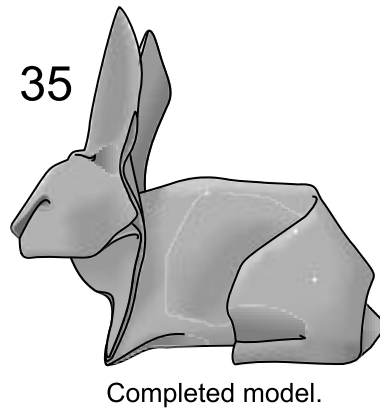
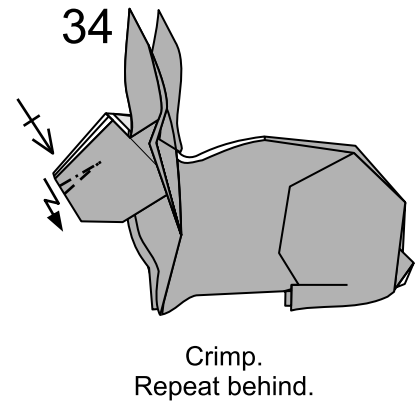
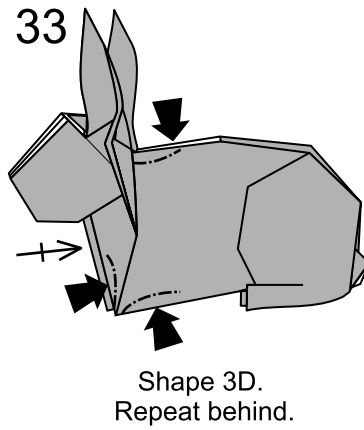
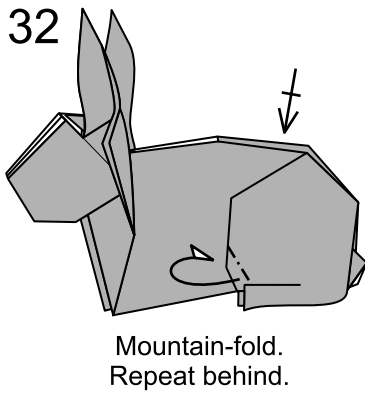
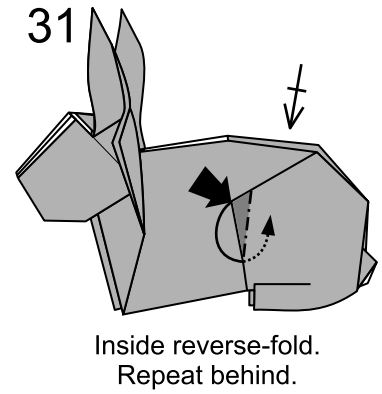
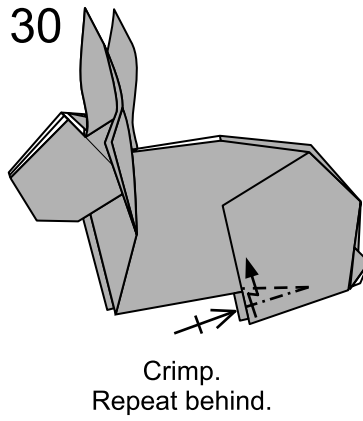
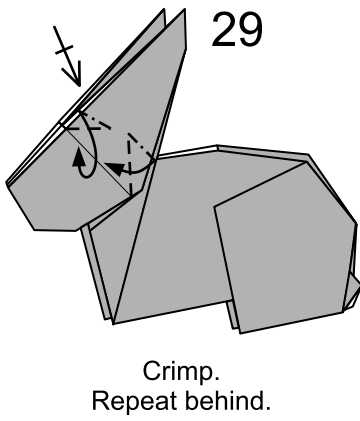
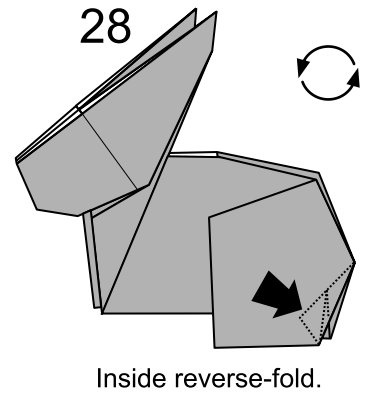
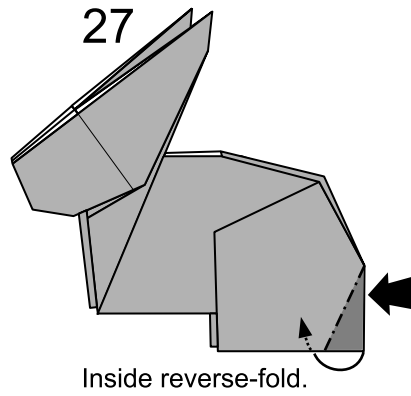
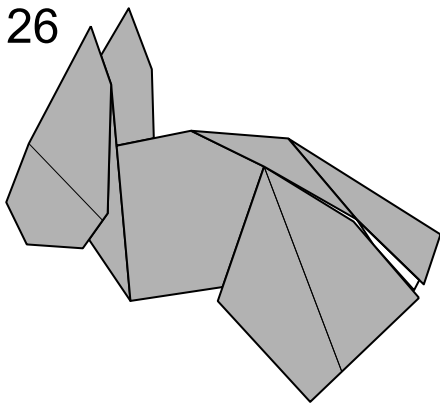


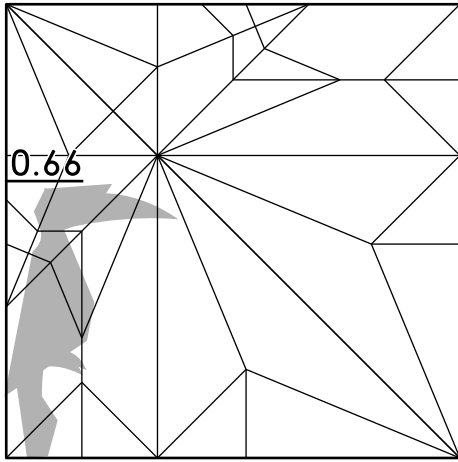
24



25





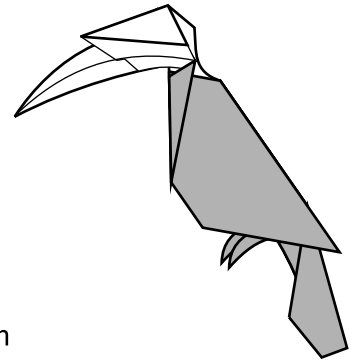


# Great Hornbill

## Grand Calao

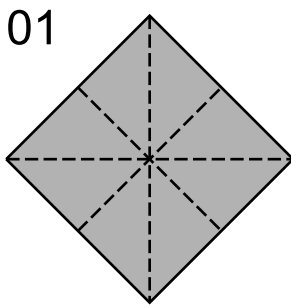
Nguyen Vo Hien Chuong

Level / Niveau : ★★  
 Time to fold / Pliage : 30 min  
 Paper size / Taille du papier : 25x25cm

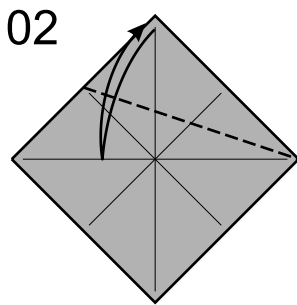


This is just an ordinary model with a simple structure. But I think the detail that makes it special is the curve of the beak.

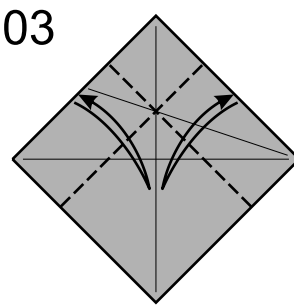
*C'est juste un modèle ordinaire à la structure simple. Mais un détail le rend spécial : la courbure du bec.*



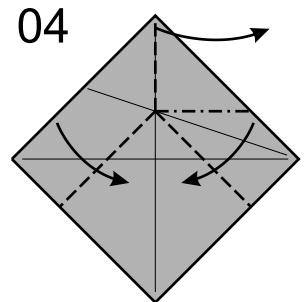
01 Make creases.



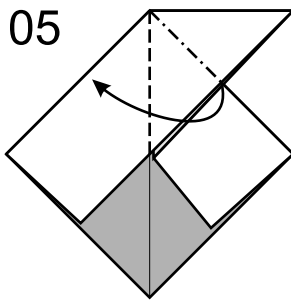
02 Fold and unfold.



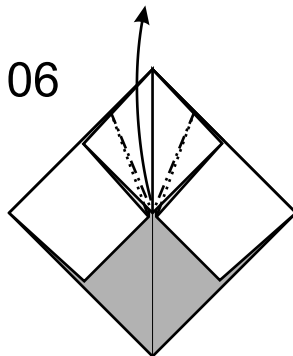
03 Fold and unfold.



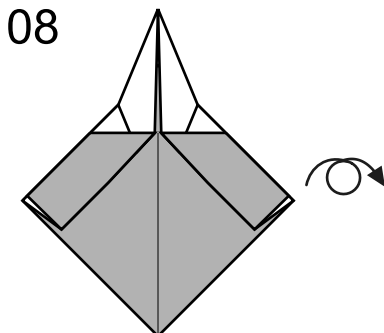
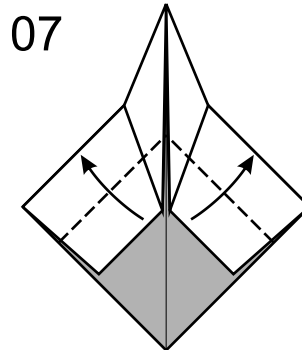
04 Rabbit-ear.



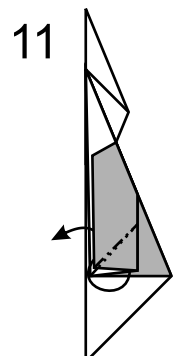
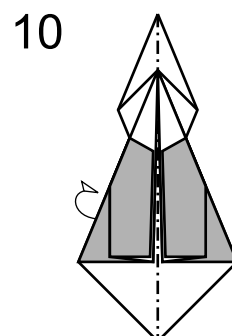
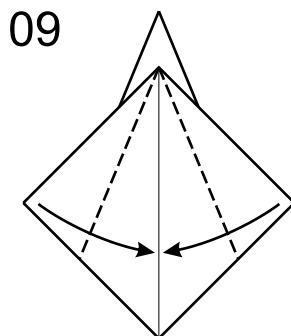
05 Squash-fold.

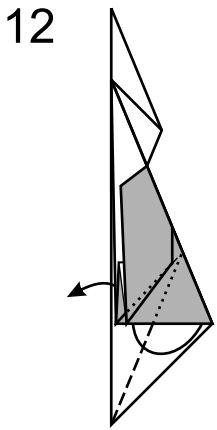


06 Petal-fold.

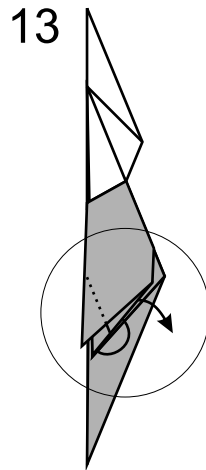


08 Turn over

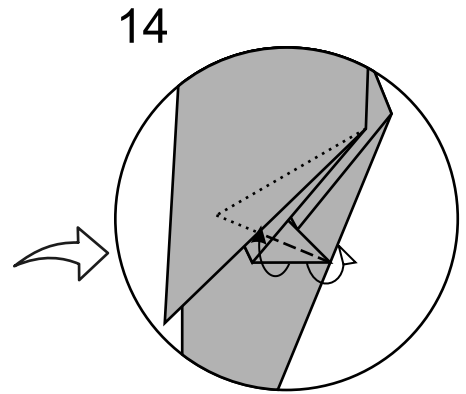




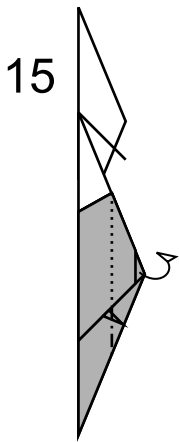
12 Inside reverse-fold. Repeat behind.



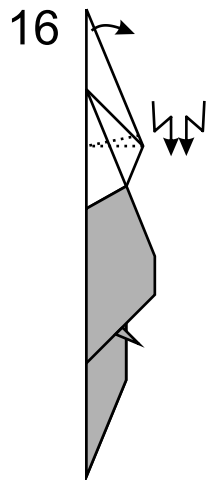
13 Inside reverse-fold. Repeat behind.



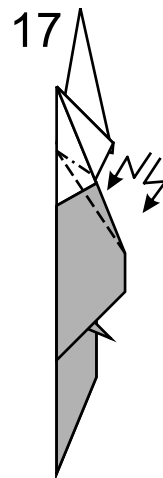
14 Inside swivel-fold with two flaps. Repeat behind.



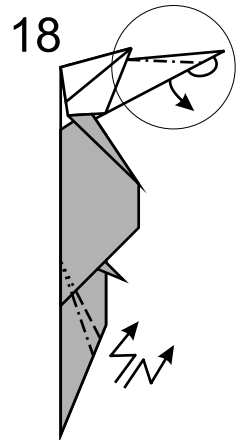
15 Fold the second layer inside. Repeat behind.



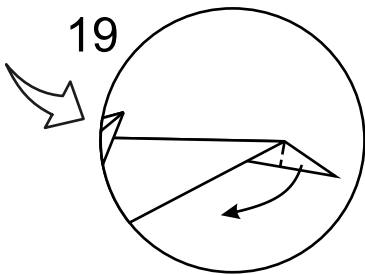
16 Inside crimp.



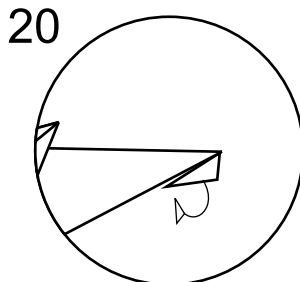
17 Outside crimp.



18 Inside reverse-fold and outside crimp.

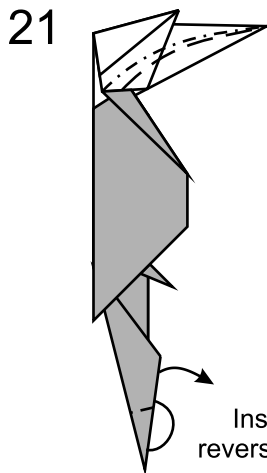


19



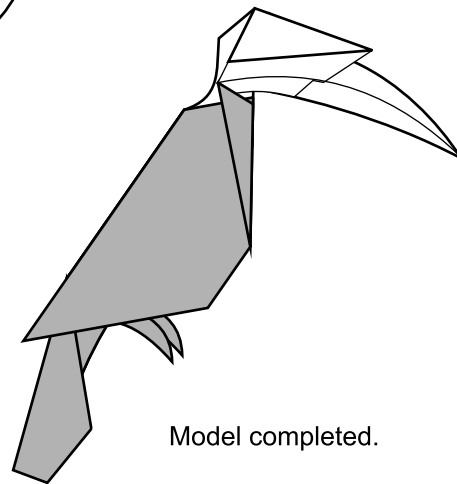
20

Hide the flap.



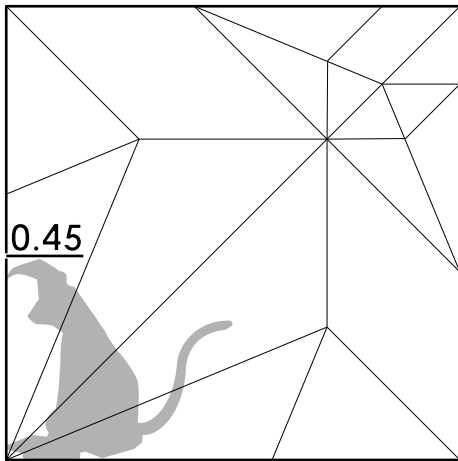
21

Inside reverse-fold.



Model completed.



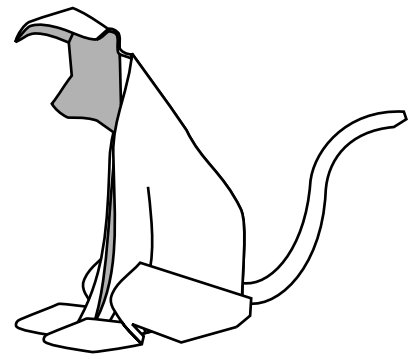


# Monkey

## Singe

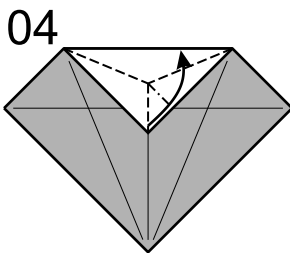
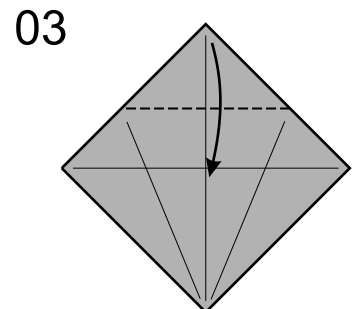
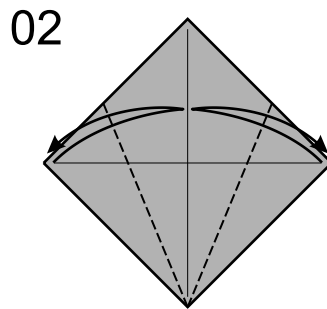
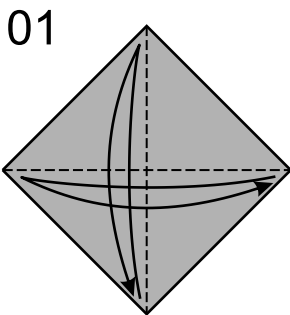
Nguyen Vo Hien Chuong

Level / Niveau : ★★  
 Time to fold / Pliage : 30 min  
 Paper size /  
 Taille du papier : 25x25cm

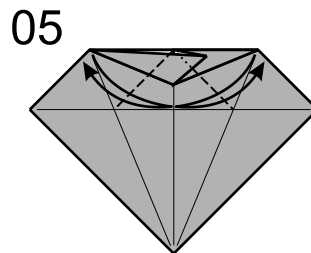


I think people like this model because of the color change, the simplicity, or because of the wet-folding technique...but I like this model because my friend said to me "Well, you folded yourself!" as soon as she saw the model - and I agree with her.

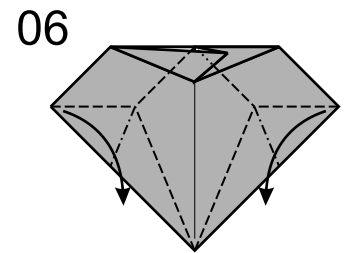
*Je pense que les gens aiment ce modèle pour son changement de couleur, sa simplicité, ou encore pour l'effet apporté par la technique de pliage humide ... mais moi je l'aime car il me ressemble. Un jour, mon amie voyant ce modèle m'a dit : "Eh bien, tu t'es plié toi même !".*



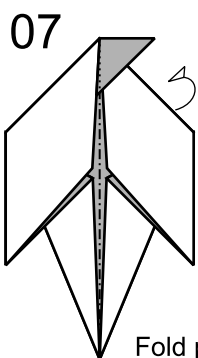
Rabbit-ear.



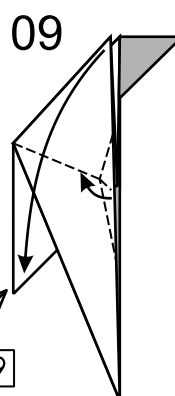
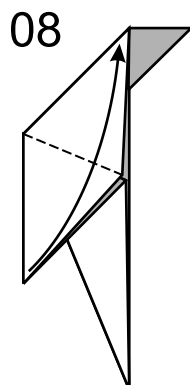
Make creases.



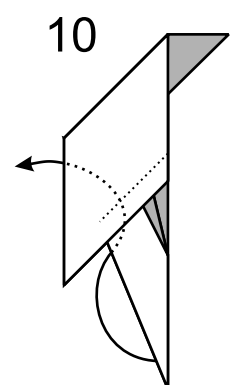
Rabbit-ears.



Fold paper backwards.



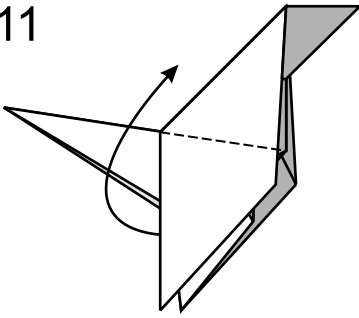
08-09



Inside reverse-fold.

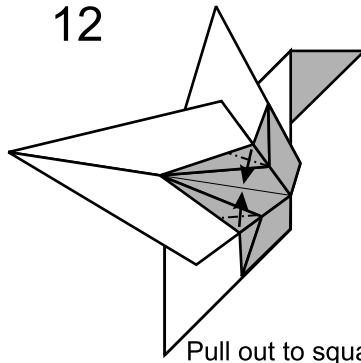


11



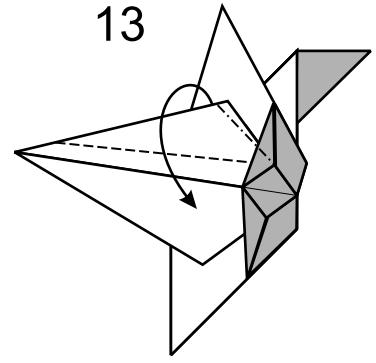
Open the flap temporarily.

12



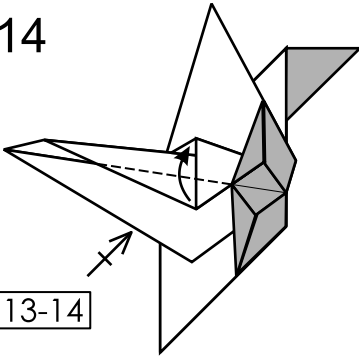
Pull out to squash the layers.

13



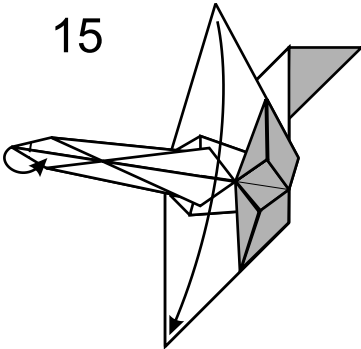
Squash-fold.

14

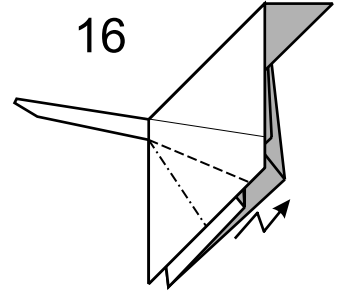


13-14

15

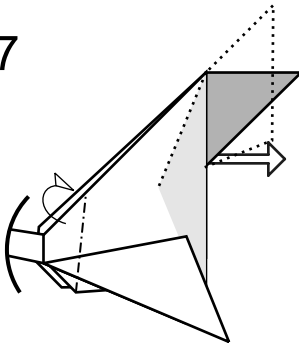


16



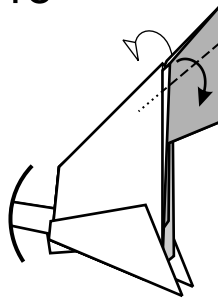
Repeat behind.

17



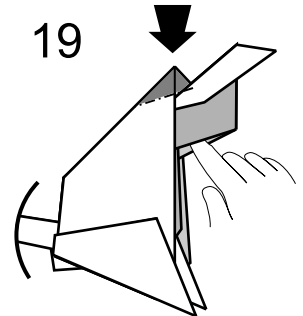
Pull out.

18



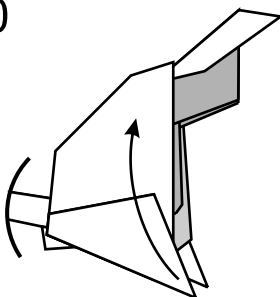
Outside reverse-fold.

19



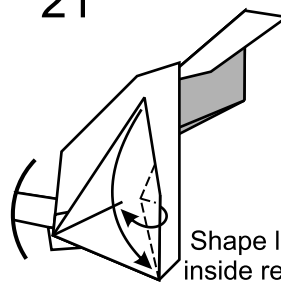
Closed sink.

20



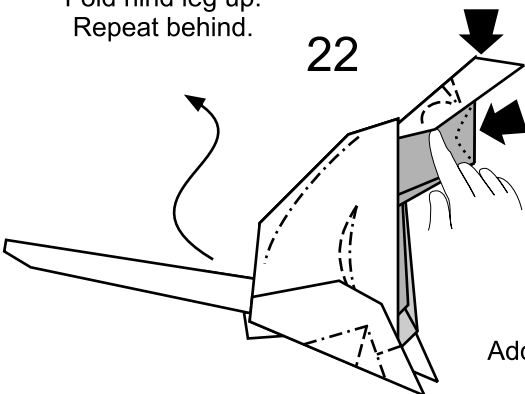
Fold hind leg up.  
Repeat behind.

21

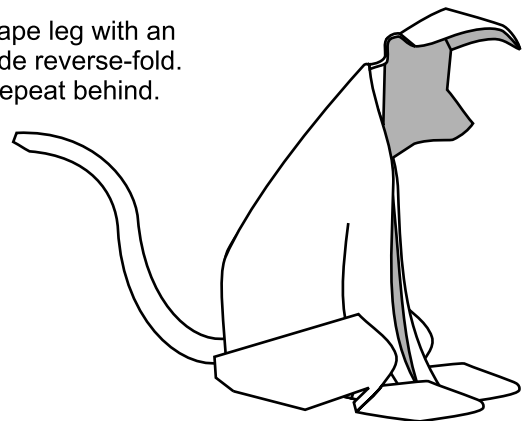


Shape leg with an  
inside reverse-fold.  
Repeat behind.

22

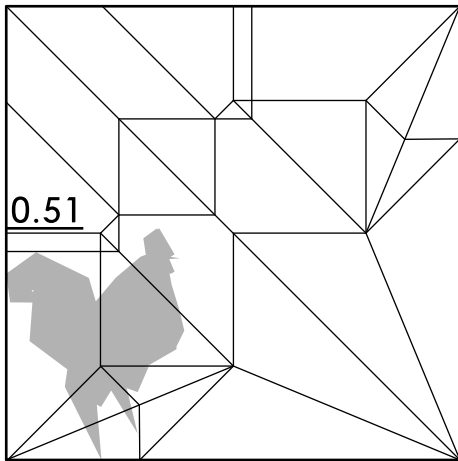


Add folds for 3D  
shaping.



Completed model.



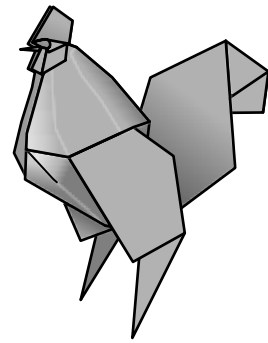


# Cock

## Coq

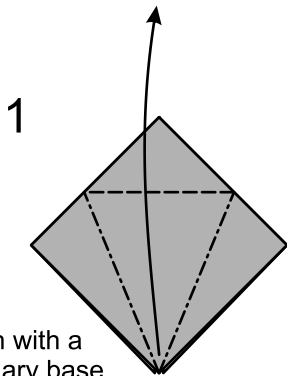
Nguyen Vo Hien Chuong

Level / Niveau : ★★  
 Time to fold / Pliage : 30 min  
 Paper size /  
 Taille du papier : 25x25cm

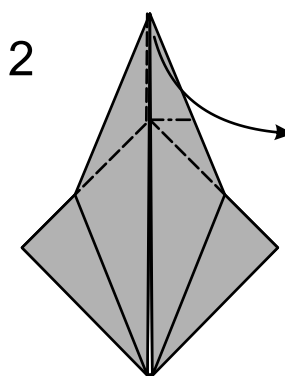


Originally, I designed the Cock as a 3D model, with all steps in 3D. However, it was so difficult to diagram that. So I thought about a way to eliminate the 3D steps. In the end, I found two ways to fold the cock using the same base.

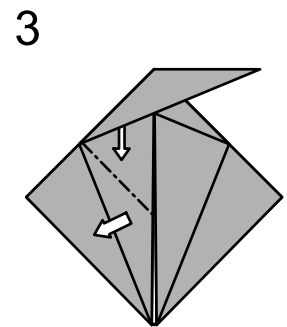
*A l'origine, j'ai conçu ce coq comme un modèle 3D, avec toutes les étapes de pliage en 3D. Mais il était si difficile à diagrammer que j'ai cherché un moyen d'éliminer ces étapes en 3D. Finalement, je vous propose deux façons de plier le coq en partant de la même base.*



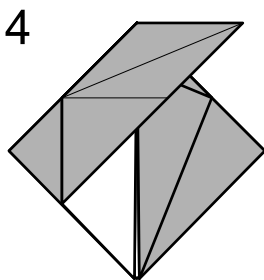
1  
 Begin with a preliminary base.  
 Petal-fold.



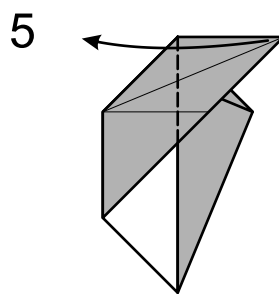
2  
 Rabbit-ear.



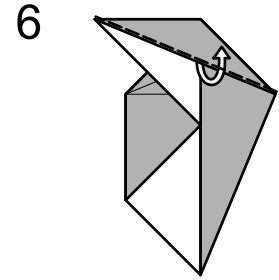
3  
 Pull out one layer.



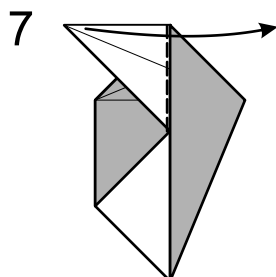
4  
 Repeat steps 1 to 3 behind.



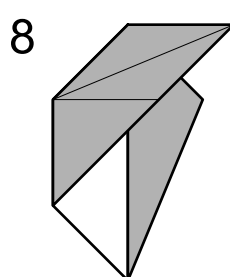
5  
 Repeat behind.



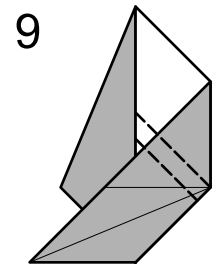
6  
 Pull out one layer.  
 Repeat behind.



7  
 Fold the corner to the right.  
 Repeat behind.



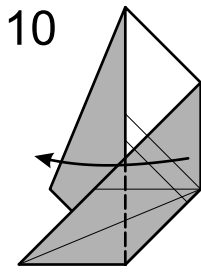
8  
 Rotate.



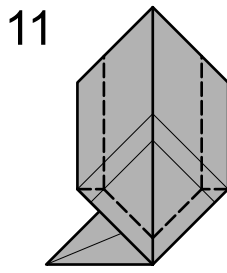
9  
 Make creases.



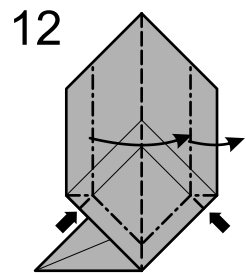




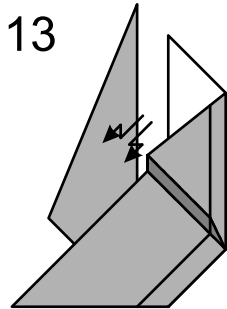
10 Fold one flap to the left.



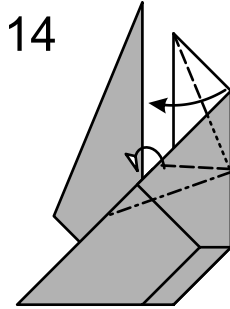
11 Make creases.



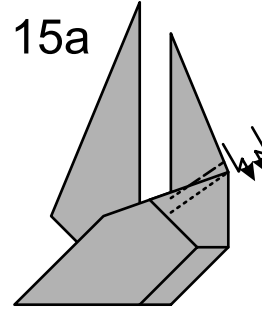
12 Collapse using existing creases.



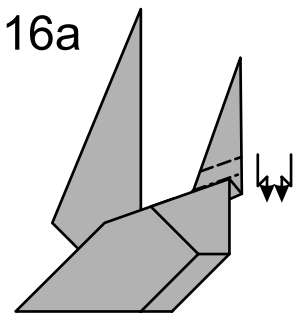
13 Crimp.



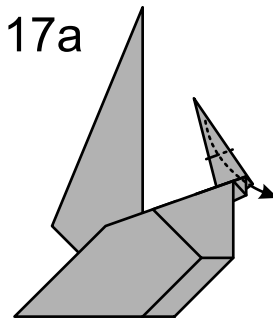
14 Swivel-fold.



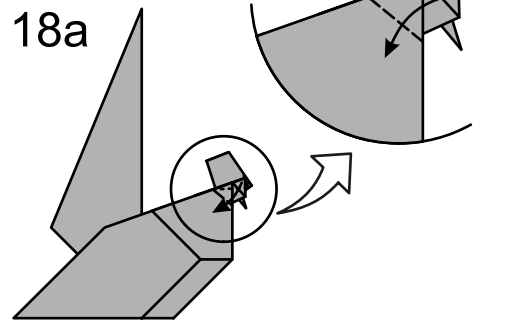
15a Crimp.



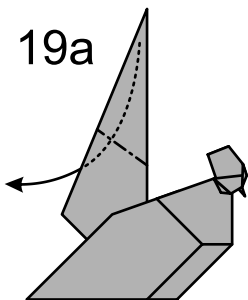
16a Crimp.



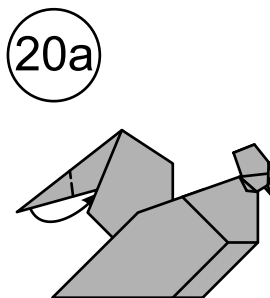
17a Inside reverse-fold.



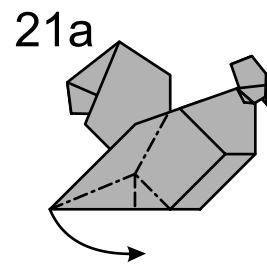
18a Squash-fold.  
Repeat behind.



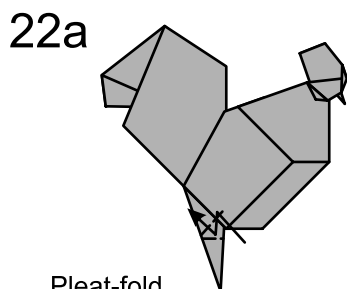
19a Inside reverse-fold.



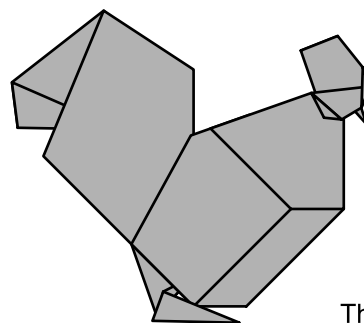
20a Outside reverse-fold.



21a Rabbit-ear.  
Repeat behind.

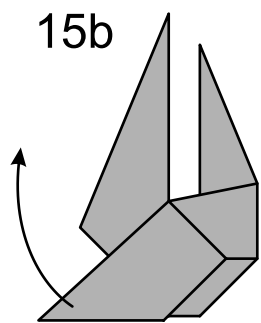


22a Pleat-fold.  
Repeat behind.



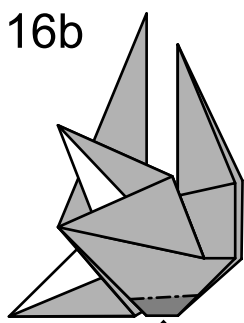
The flat Cock completed.





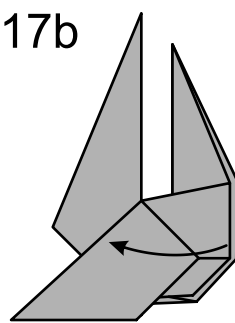
15b

Temporarily open.



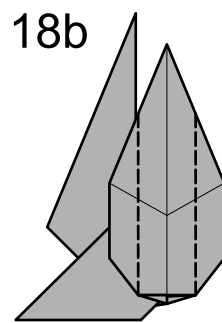
16b

Open sink.



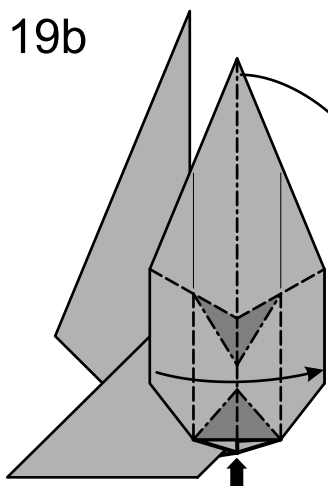
17b

Open flap.



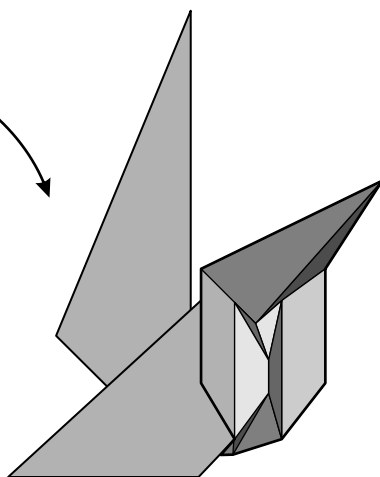
18b

Make creases.

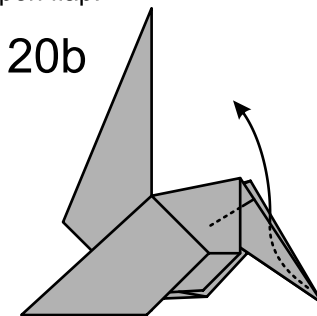


19b

Sink and collapse.

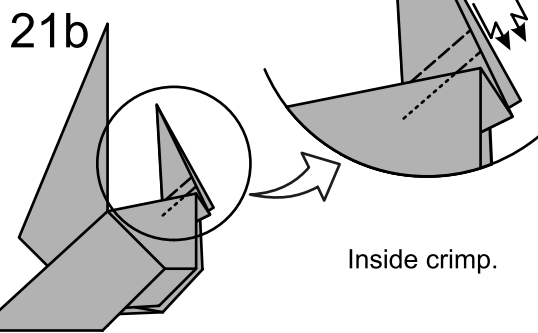


In progress.



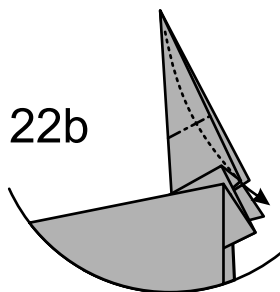
20b

Inside reverse-fold.



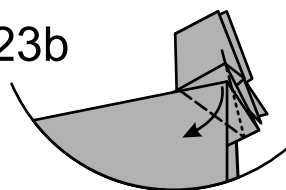
21b

Inside crimp.



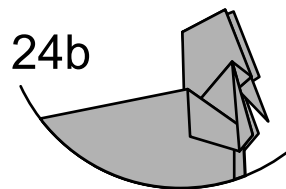
22b

Inside reverse-fold.



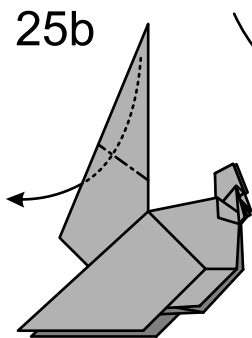
23b

Swivel-fold.



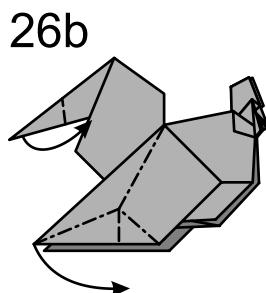
24b

Result for the head.



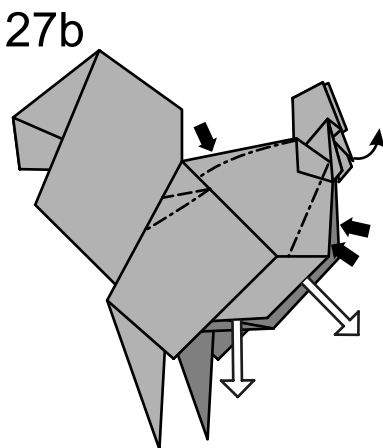
25b

Inside reverse-fold.



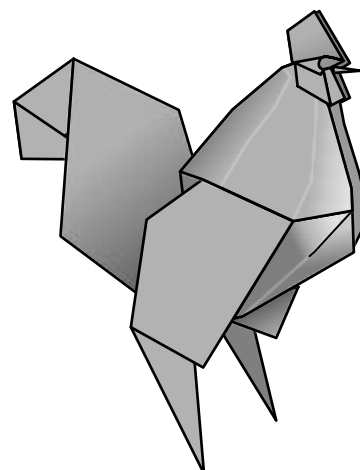
26b

Outside reverse-fold and rabbit-ear.



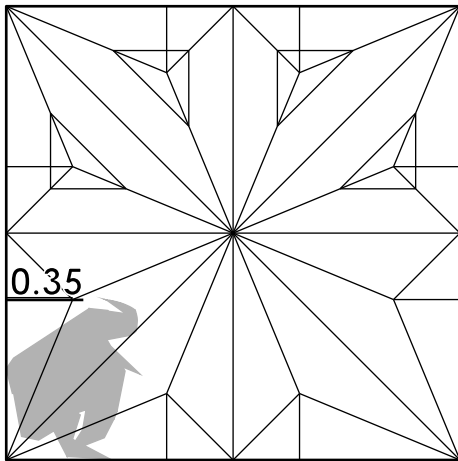
27b

Make the model 3D.



The 3D Cock completed.

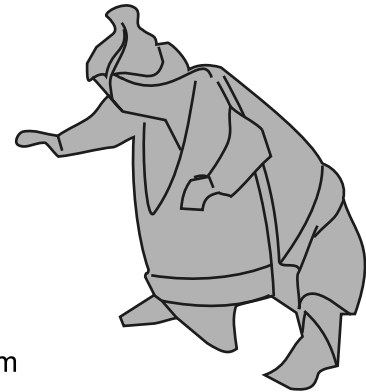




# Sumo Wrestler

## Sumo

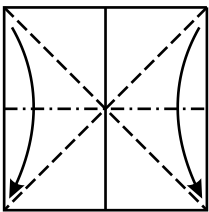
Level / Niveau : ★ ★  
 Time to fold / Pliage : 30 min  
 Paper size /  
 Taille du papier : 25x25cm



This design was inspired by a friend's present. The scale of the body is a little stylized. You can fold step 16 in a different way so that the legs will not change color. But I did it that way to lock the legs, and so that the Sumo can stand on his feet.

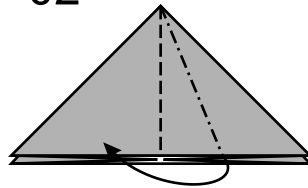
*Je me suis inspiré, pour ce modèle, d'un cadeau d'un ami. Les proportions du corps sont un peu stylisées. Vous pouvez plier l'étape 16 d'une manière différente pour que les jambes ne changent pas de couleur. Mais j'ai choisi de verrouiller les jambes pour permettre au Sumo de se tenir debout.*

01



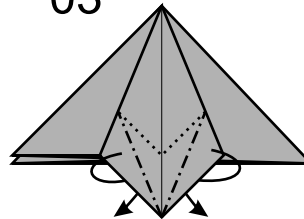
Start with a colored water bomb base.

02



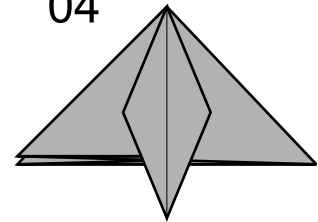
Squash-fold.

03



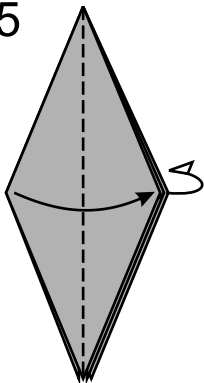
Inside reverse-fold.

04



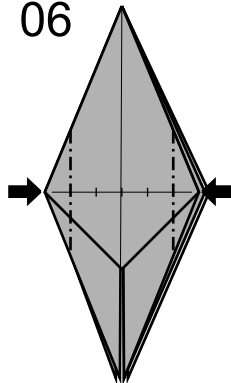
Repeat on other 3 sides.

05



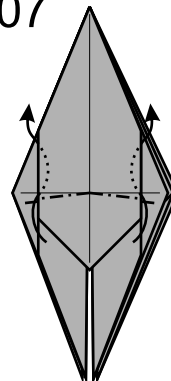
Fold one layer to the right and one to the left.

06



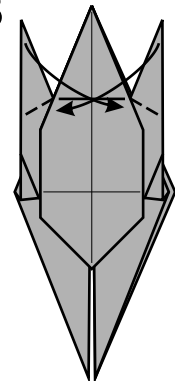
Open sink.

07

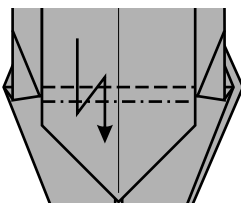


Inside reverse-fold.

08

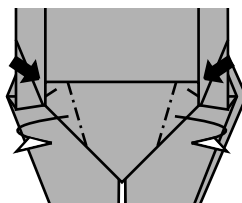


09

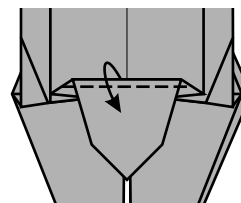


Pleat-fold.

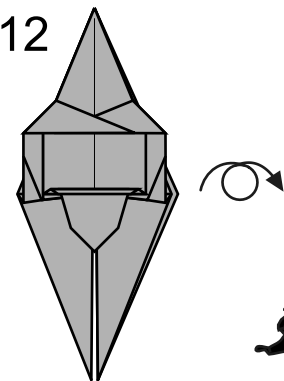
10



11

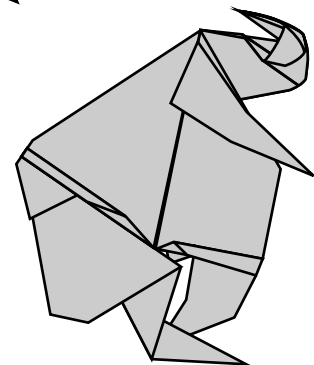
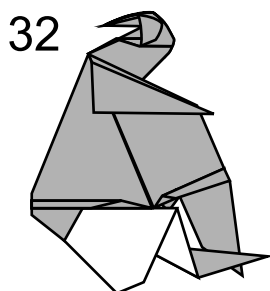
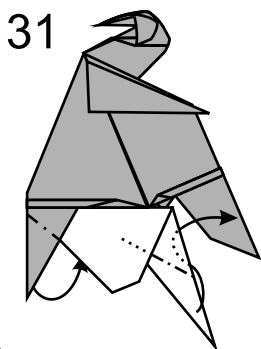
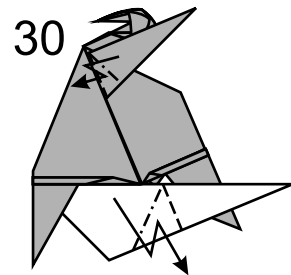
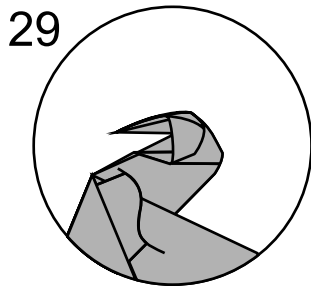
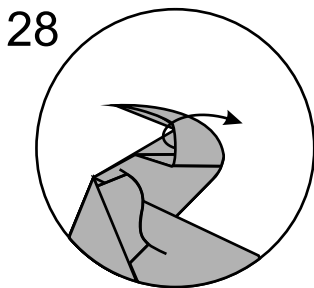
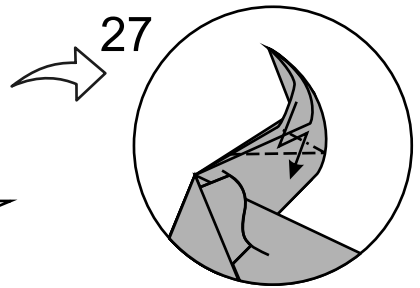
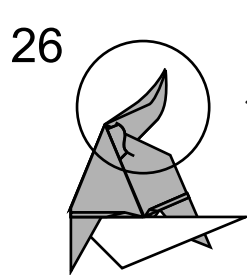
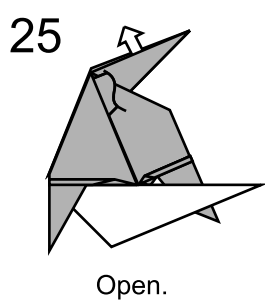
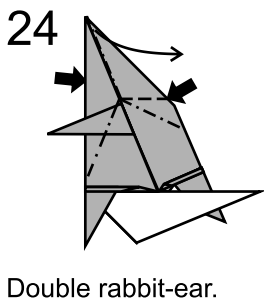
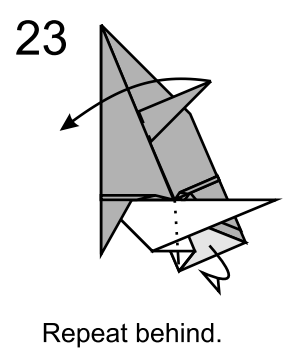
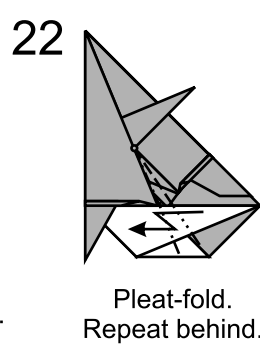
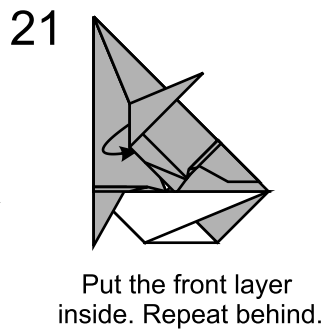
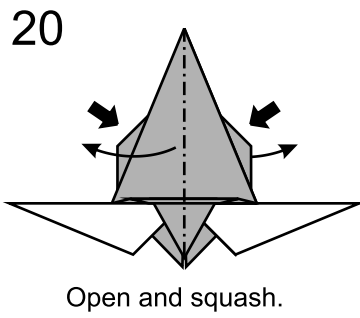
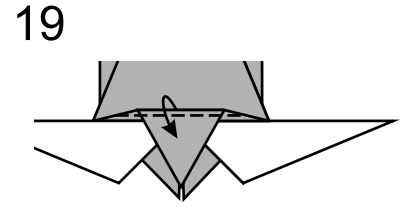
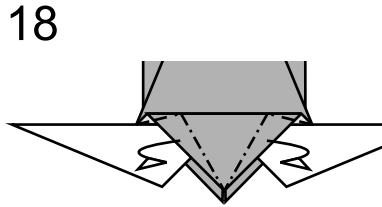
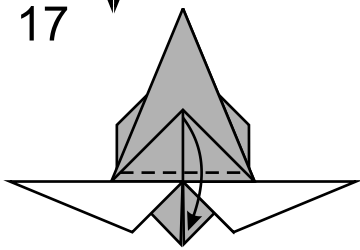
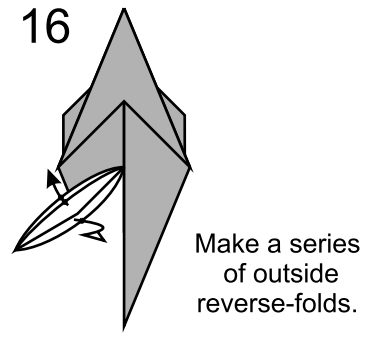
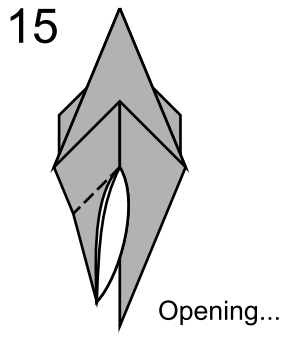
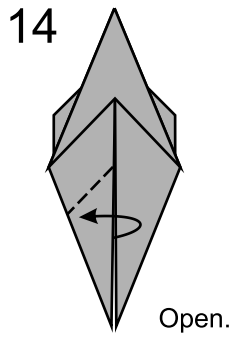
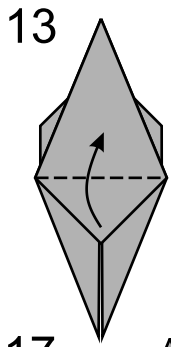


12



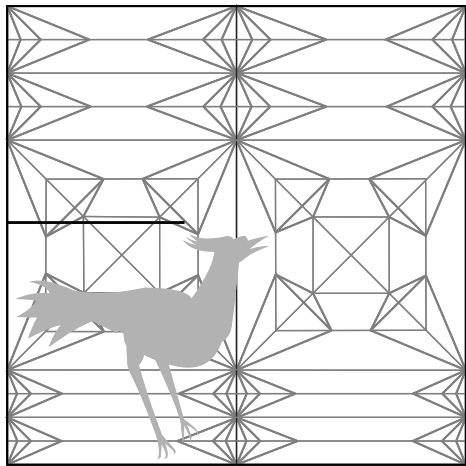
Turn over.





Model completed.





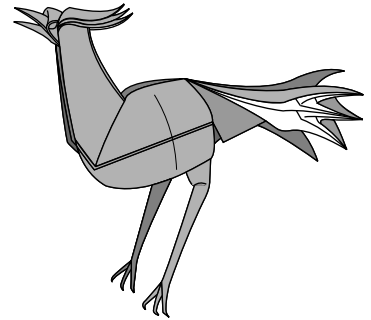
# Fighting Cock

Coq de combat

Nguyen Nguyen Thong

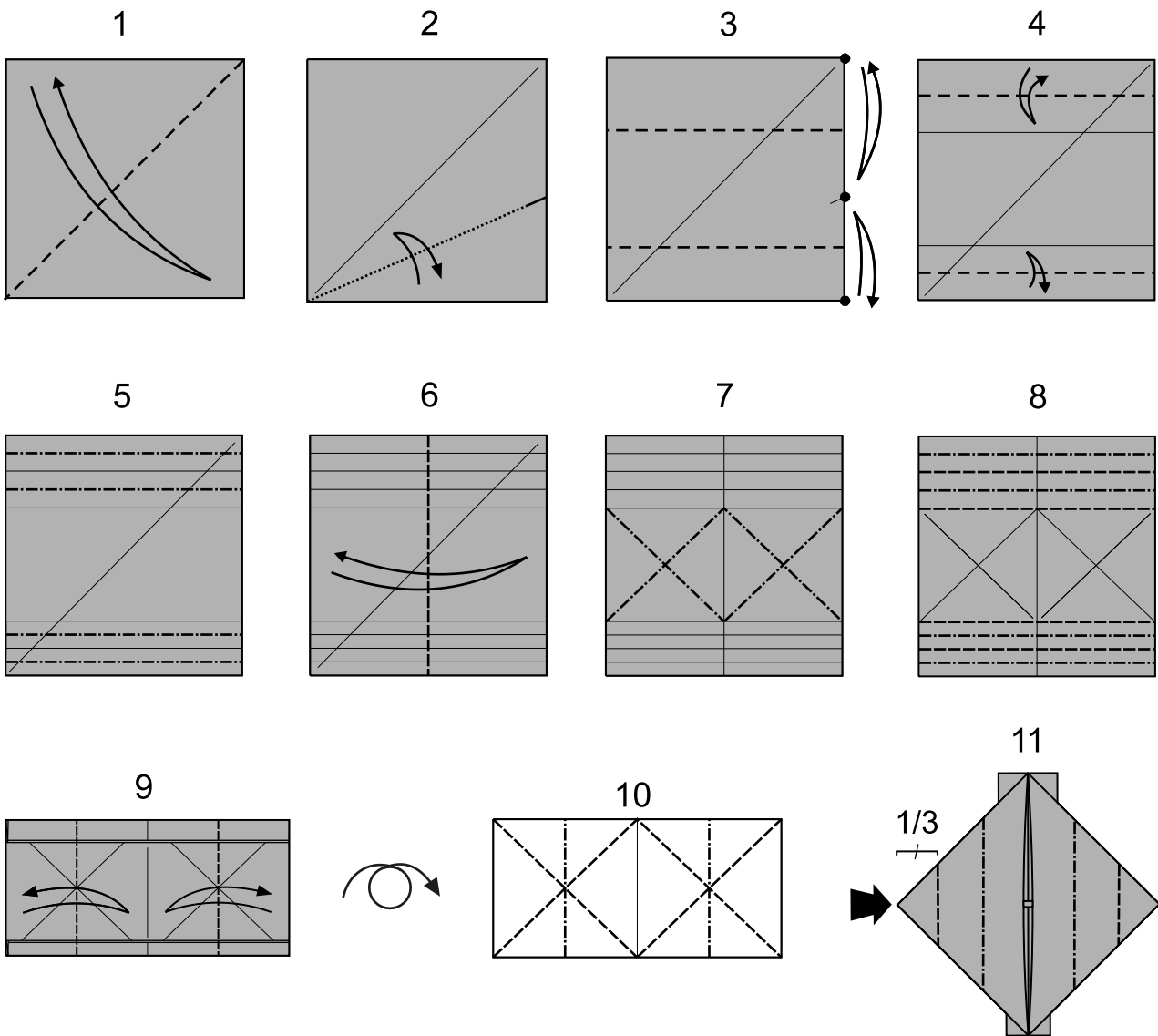
02 / 01 / 2008

Level / Niveau : ★★★  
 Time to fold / Pliage : 1.5h  
 Paper size /  
 Taille du papier : 30x30cm



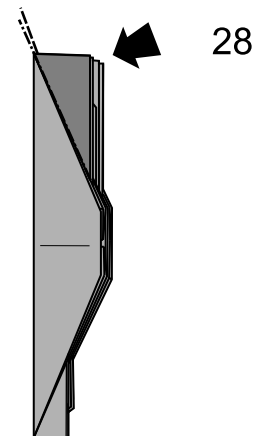
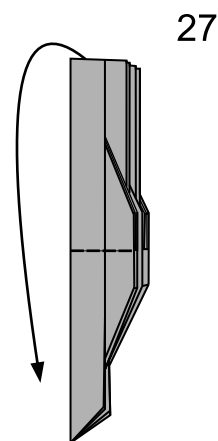
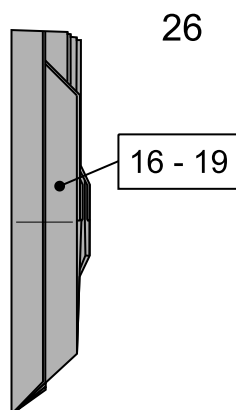
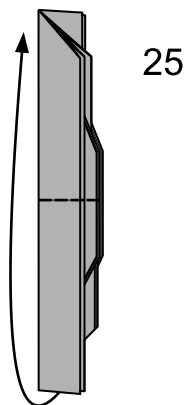
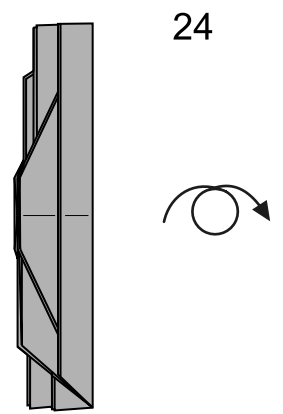
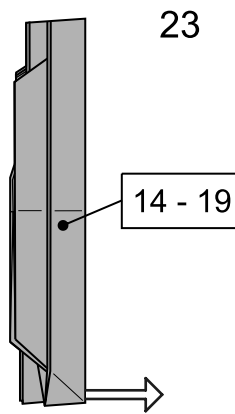
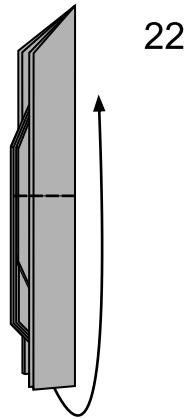
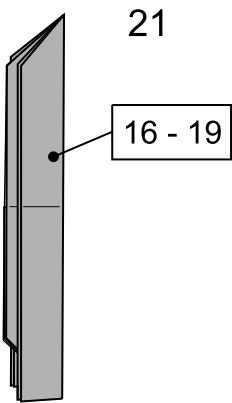
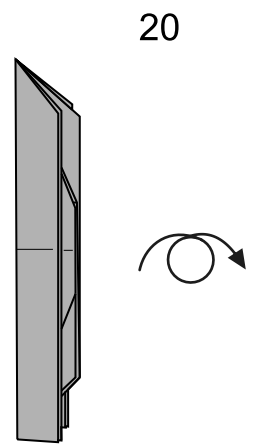
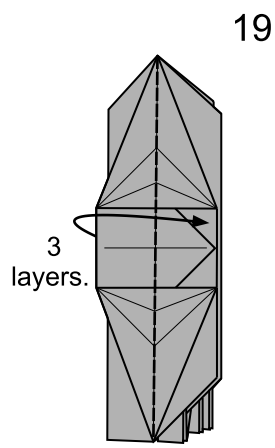
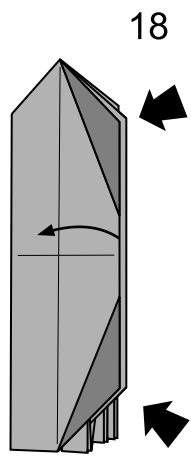
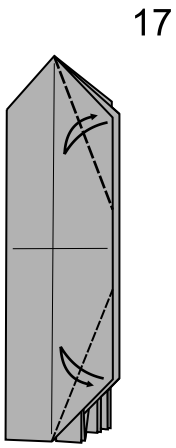
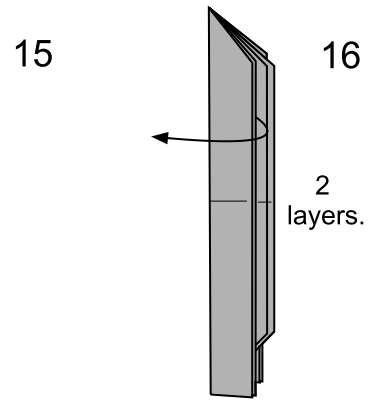
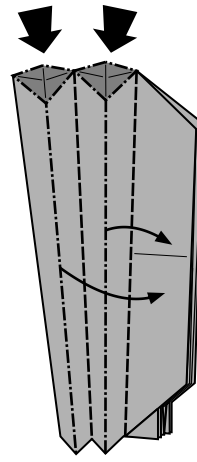
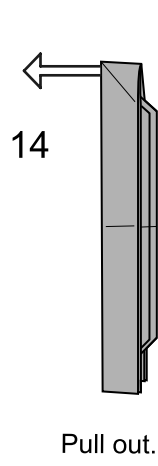
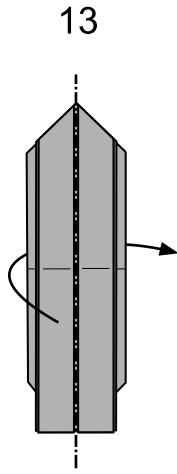
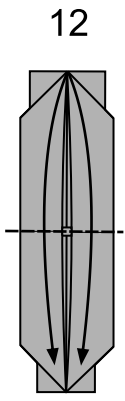
This is one of my first designs. For better results, use thin paper, 25 - 40 cm square. You can also try to wet-fold it.

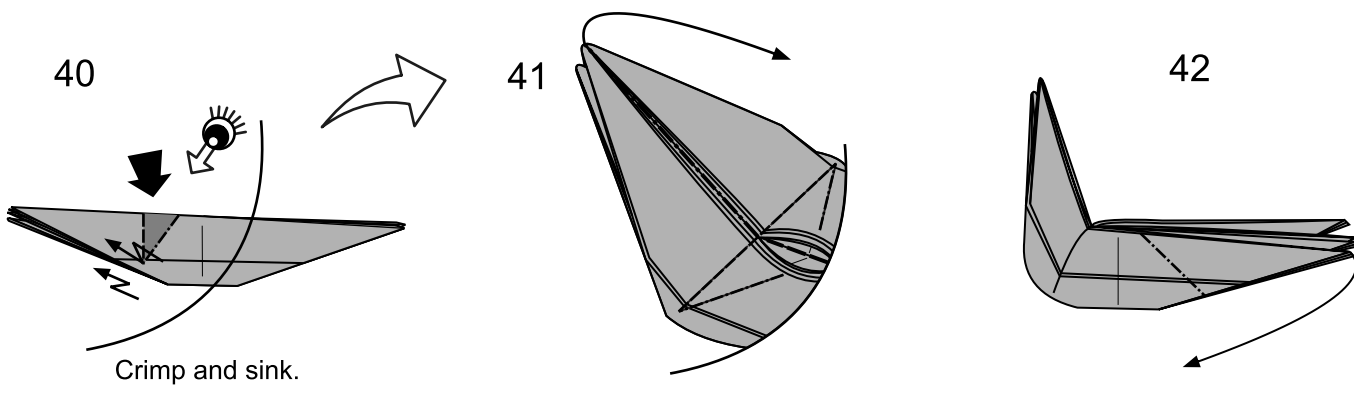
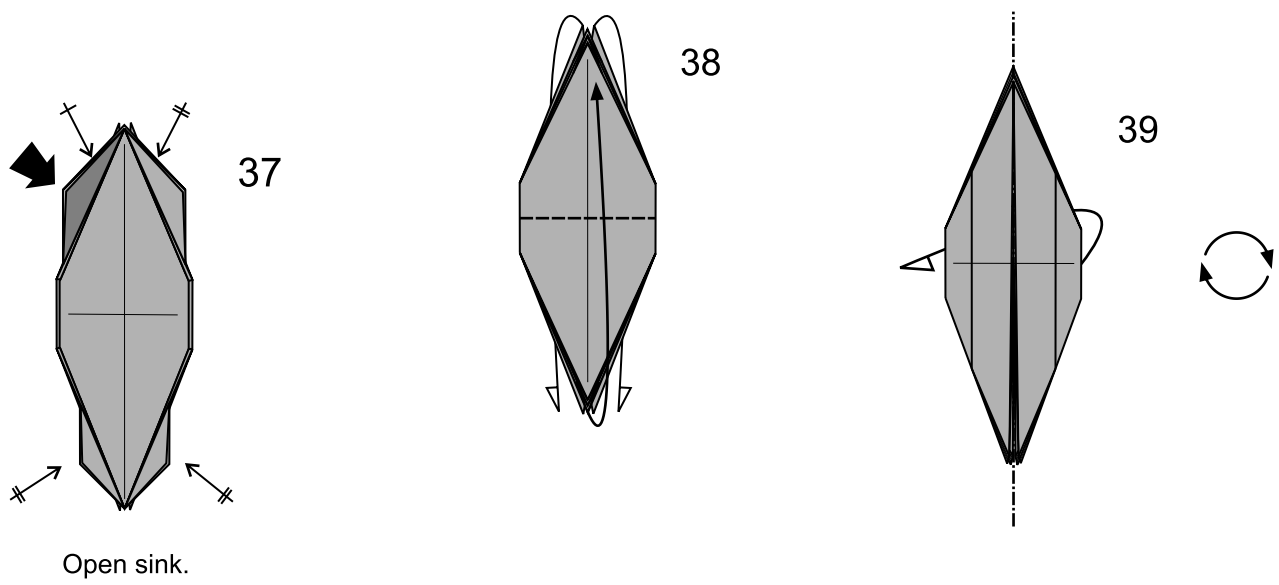
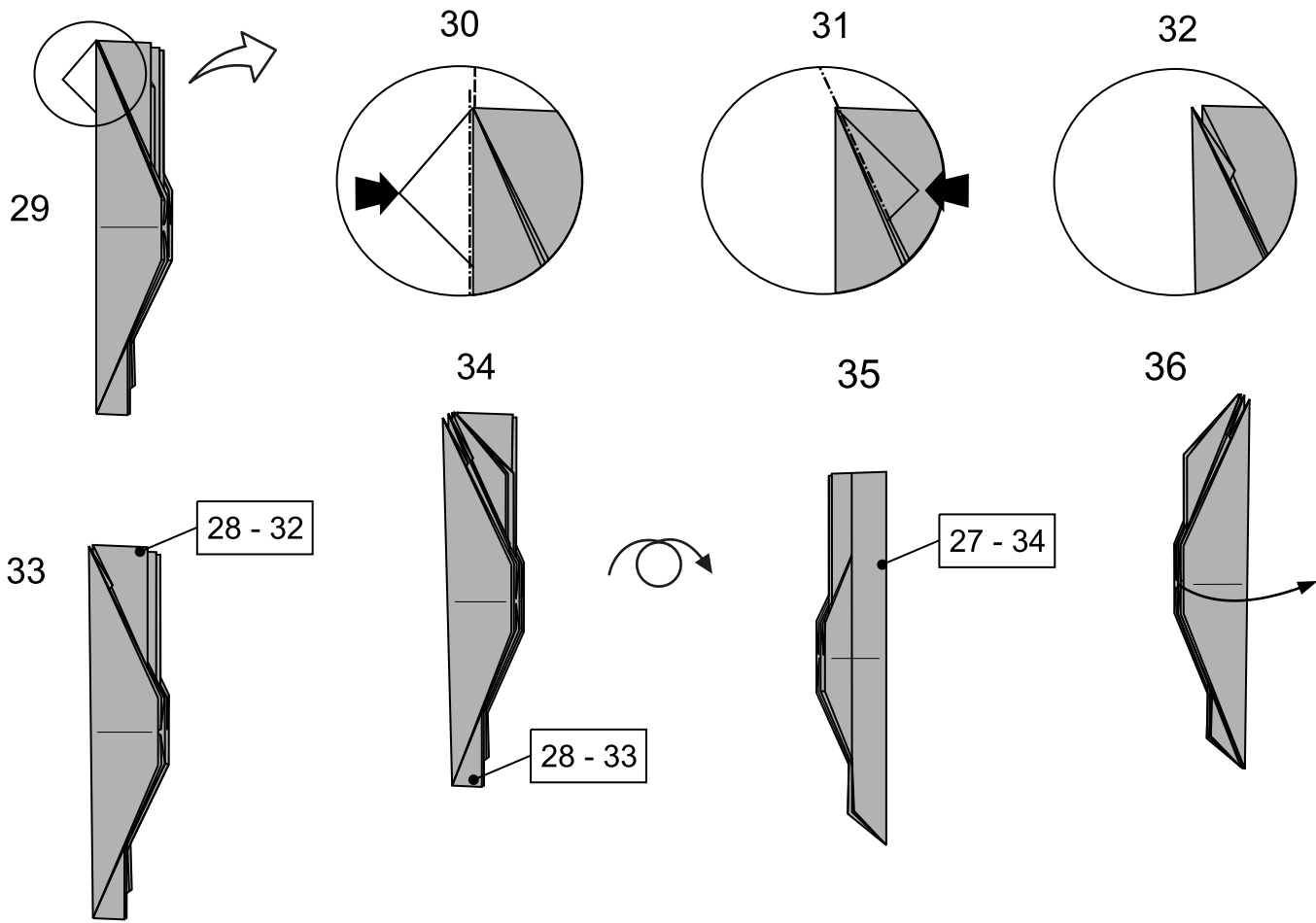
*Ce modèle est l'une de mes premières créations. Pour de meilleurs résultats, utilisez du papier fin, de 25 à 40 cm de côté. Vous pouvez également essayer la technique du pliage humide.*

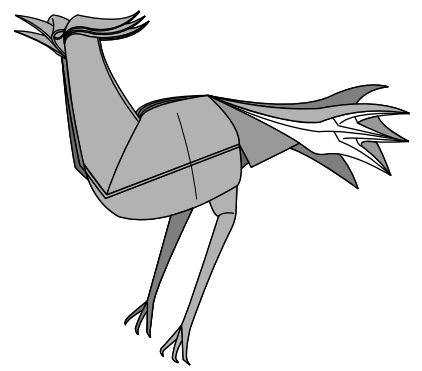
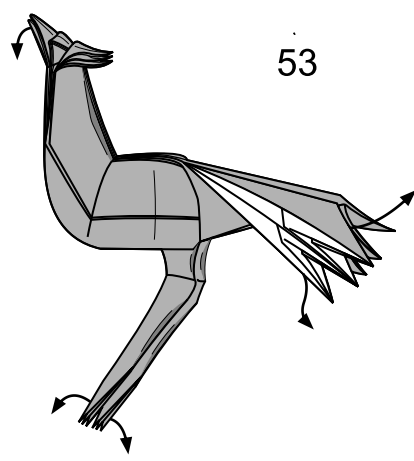
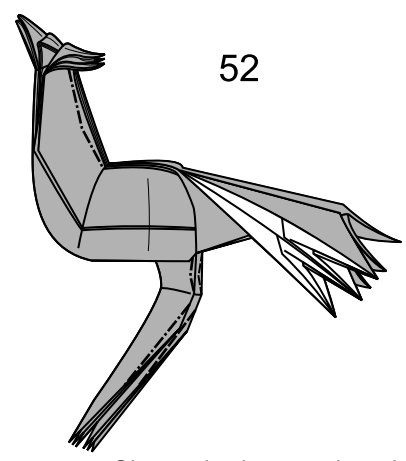
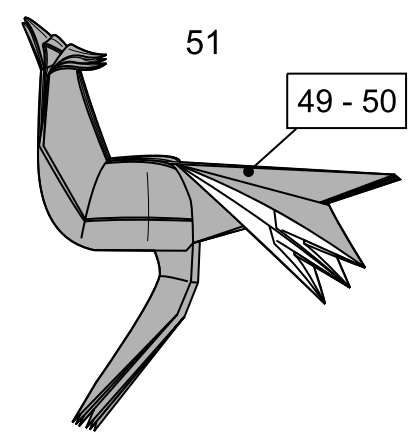
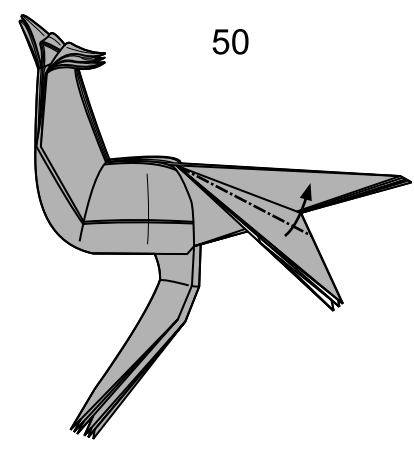
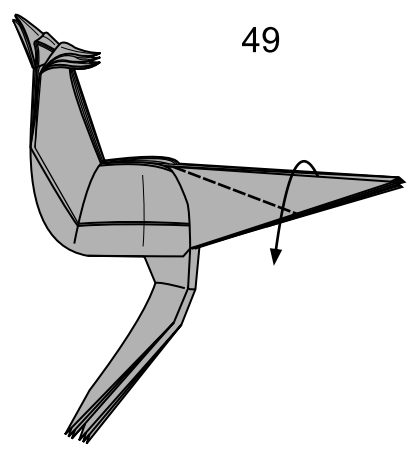
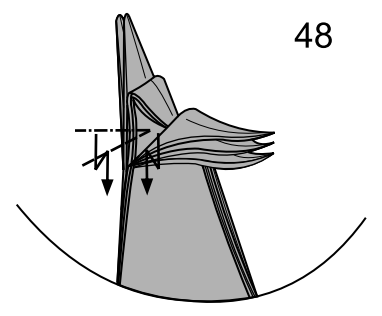
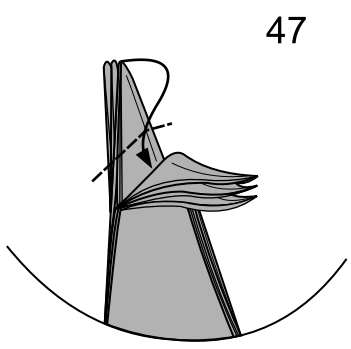
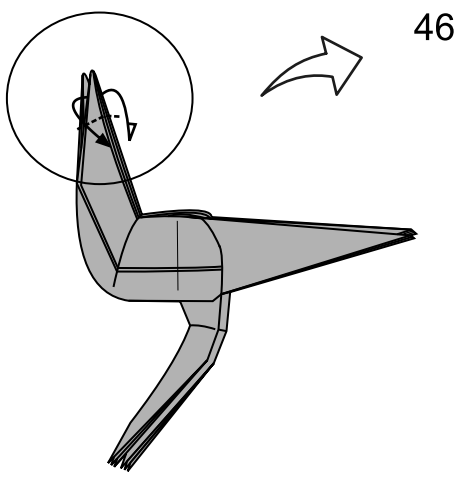
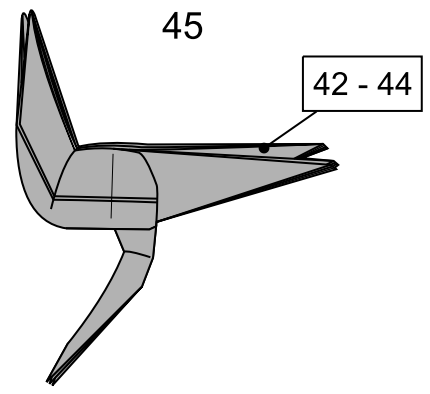
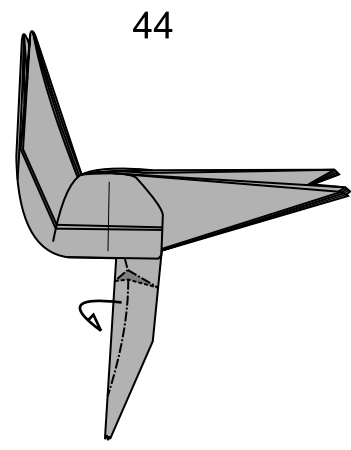
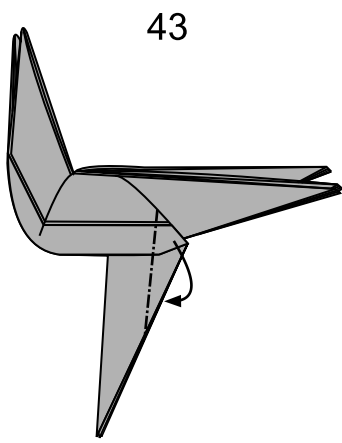


Open sink.







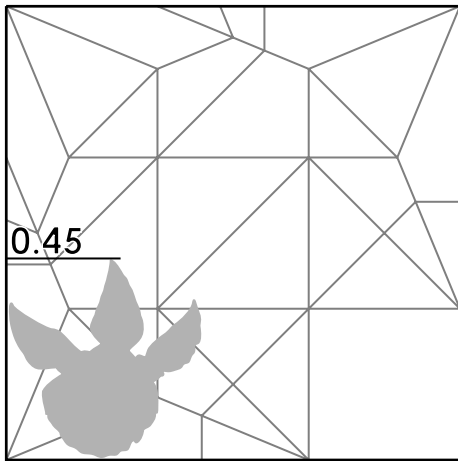


Shape the legs and neck.

Completed model.







# Oncidium

## Dancing Lady

Orchidée

Ngo Duc Hung

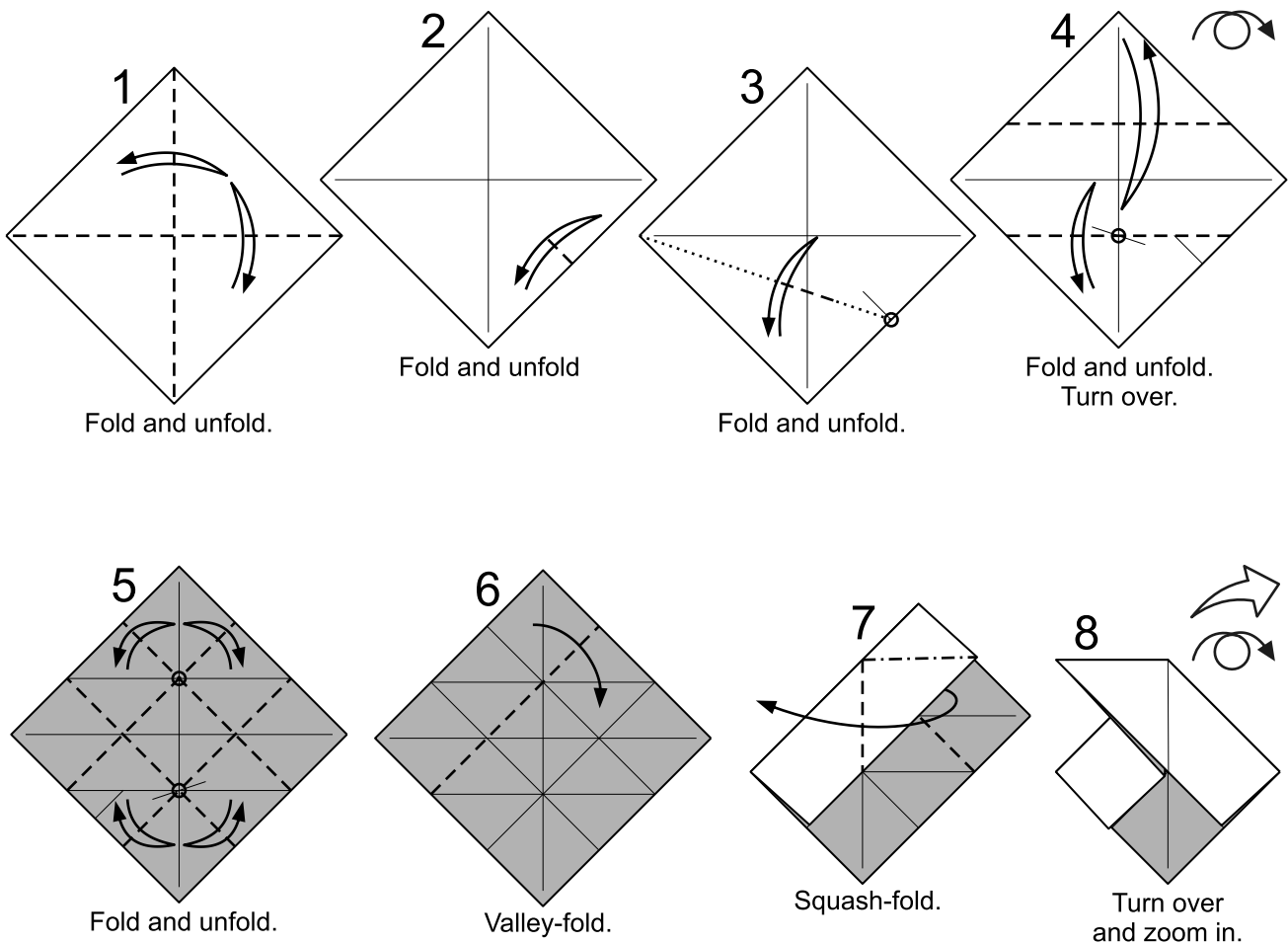
03/01/2010

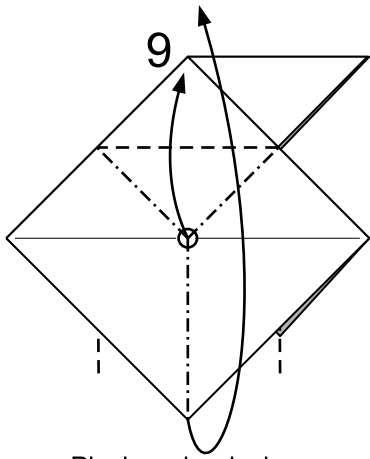
Level / Niveau : ★★★  
 Time to fold / Pliage : 45 min  
 Paper size /  
 Taille du papier : 10x10cm



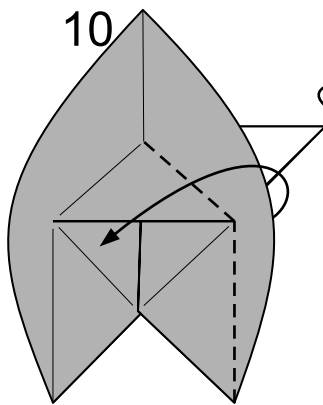
Orchids are a beautiful flower species, especially the Oncidium - Dancing lady. Once I visited a flower garden where I saw very gorgeous "dancing lady" orchids. So I was inspired to express that in origami. This is one of my first designs from a square paper.

*L'orchidée est une fleur magnifique, surtout l'Oncidium - Dancing lady. En visitant un jardin de fleurs, j'ai vu ces magnifiques orchidées, et j'ai décidé de la créer en origami. C'est un de mes premiers modèles réalisé à partir d'un papier carré.*

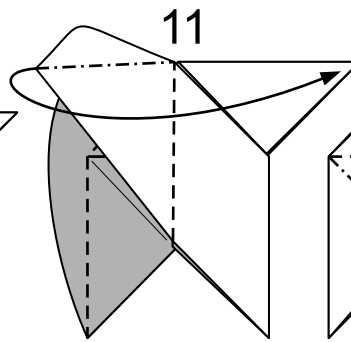




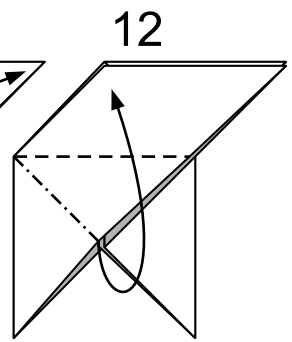
9  
Pinch and swivel up  
the bottom corner.  
The model will not lie flat.



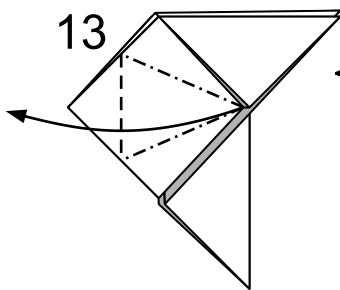
10  
Fold the layer  
to the left.  
The model will  
not lie flat.



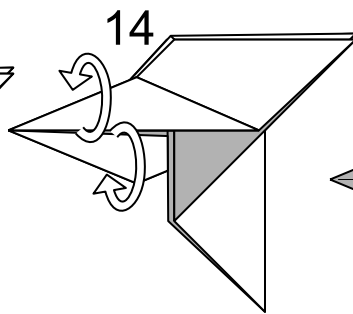
11  
Squash-fold.



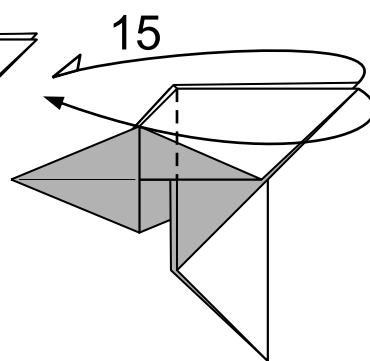
12  
Squash-fold.



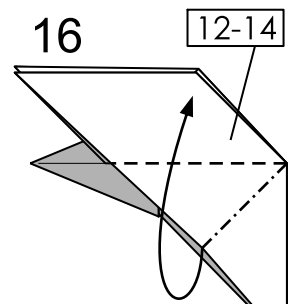
13  
Petal-fold.



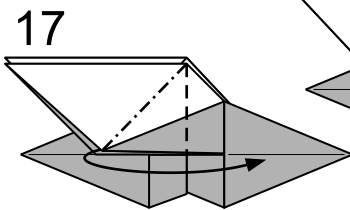
14  
Reverse the paper,  
wrapping the corners  
so the color side shows.



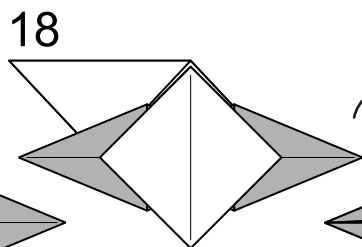
15  
Fold the flaps  
to the left.



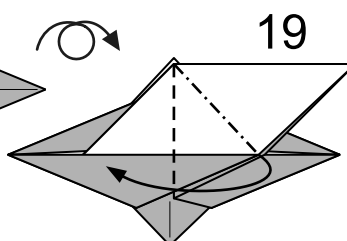
16  
Repeat steps 12 to 14.



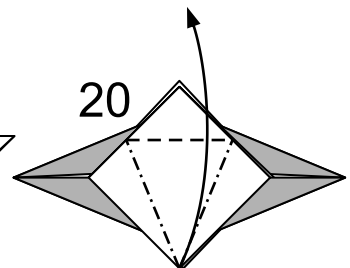
17  
Squash-fold.



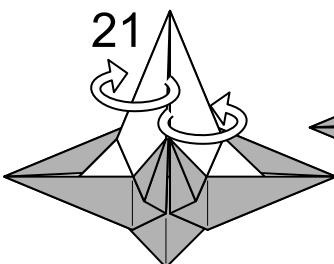
18  
Turn over.



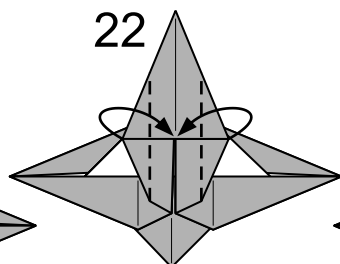
19  
Squash-fold.



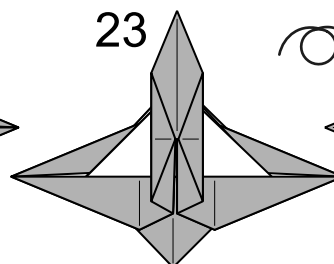
20  
Petal-fold.



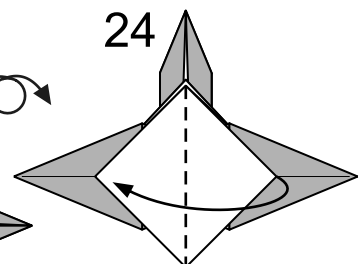
21  
Repeat step 14.



22  
Valley-fold.

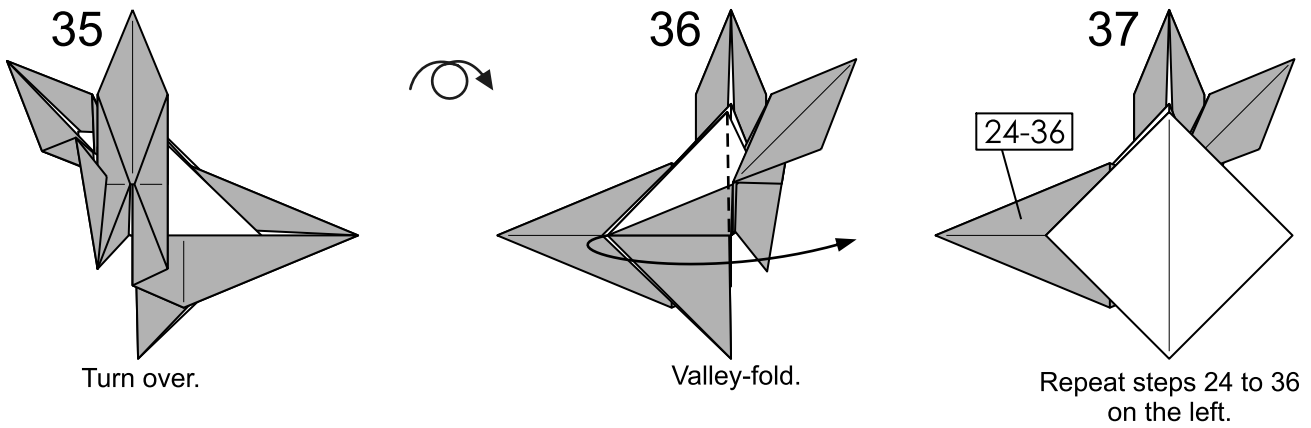
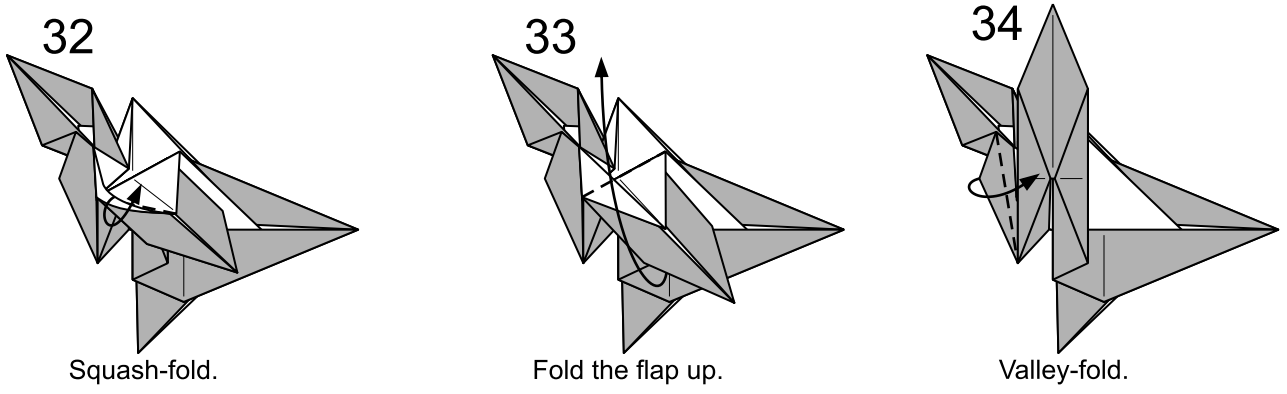
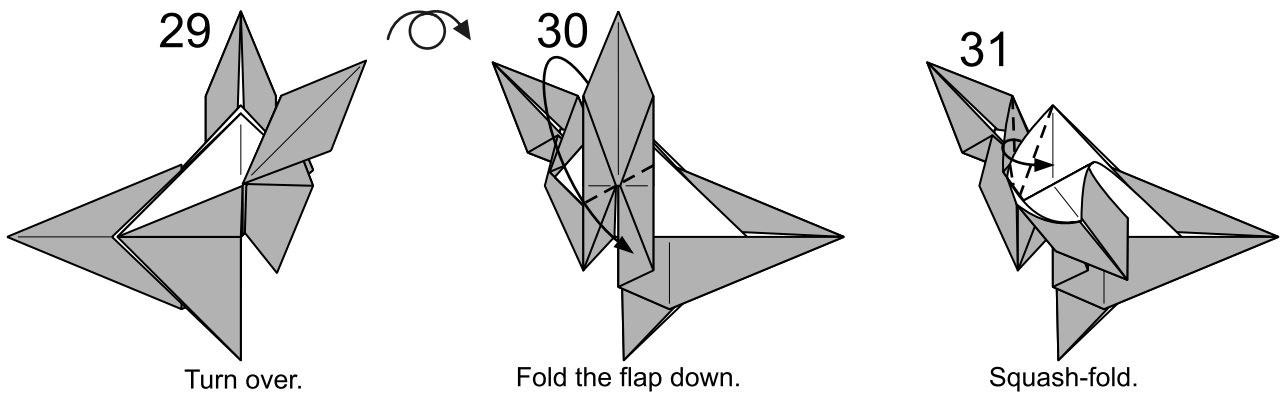
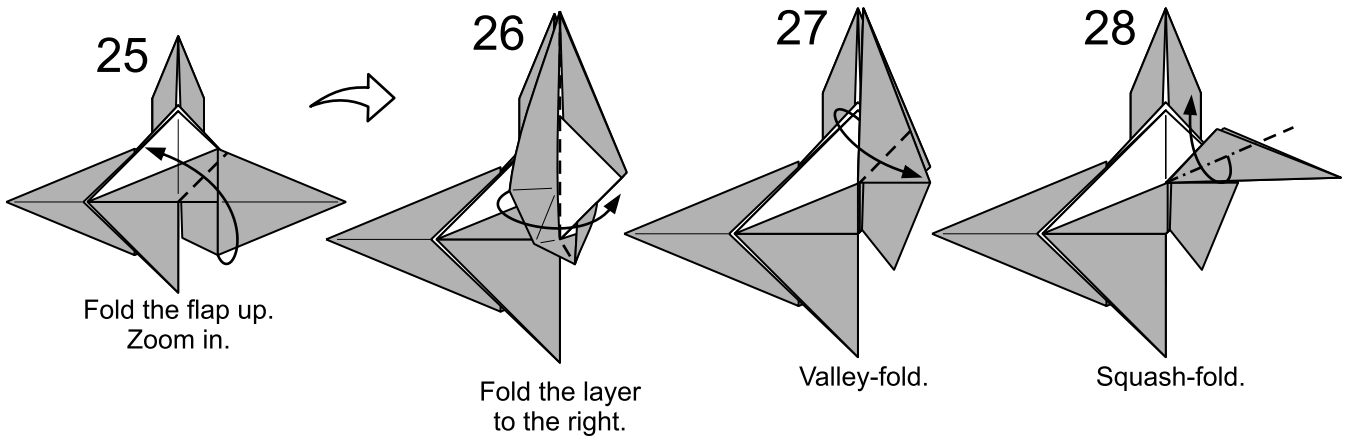


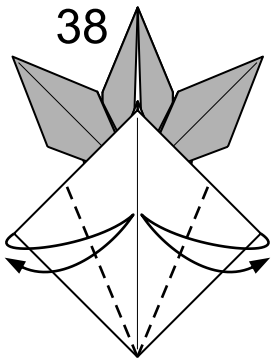
23  
Turn over.



24  
Valley-fold.

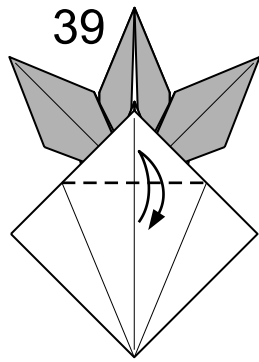






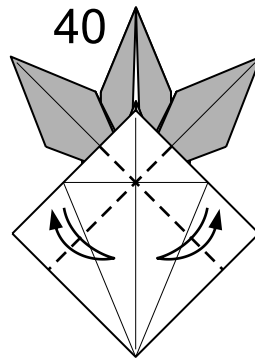
38

Fold and unfold.



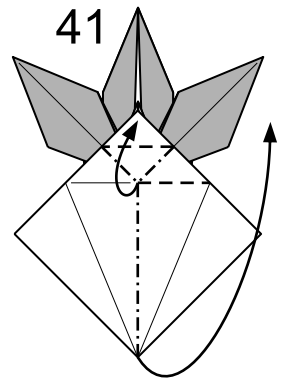
39

Fold and unfold.



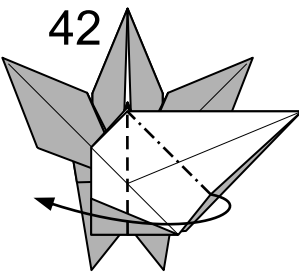
40

Fold and unfold.



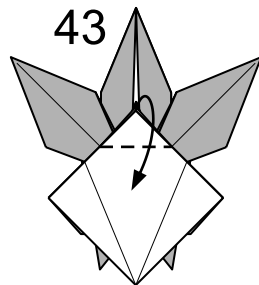
41

Repeat steps 9 to 11.



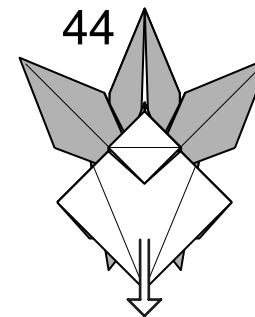
42

Squash-fold.



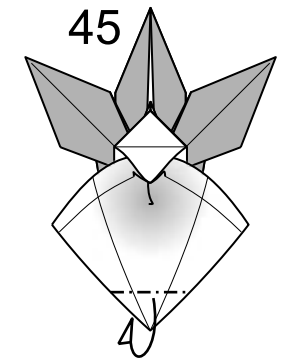
43

Fold the corner down.



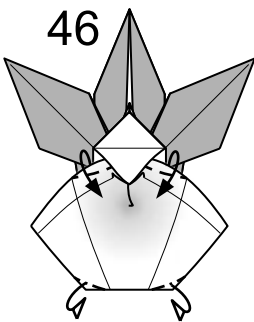
44

Pull the corner down.



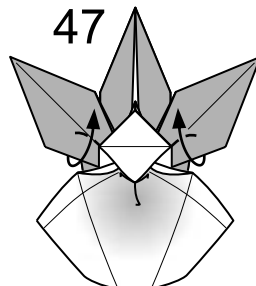
45

Mountain-fold.



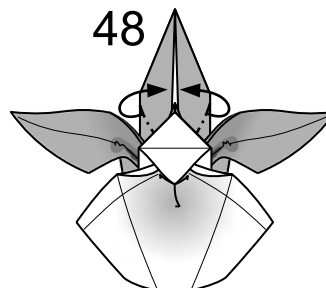
46

Shape the petal.



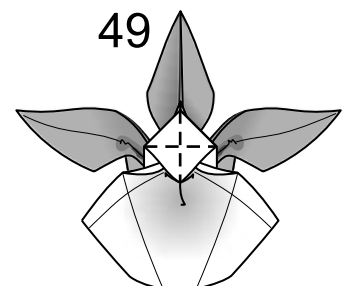
47

Valley-fold.



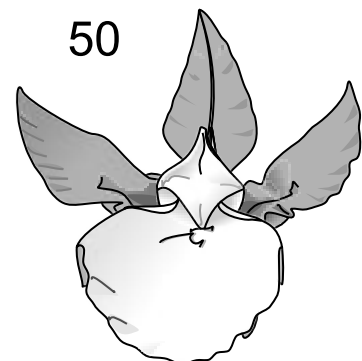
48

Mountain-fold and shape the petal.



49

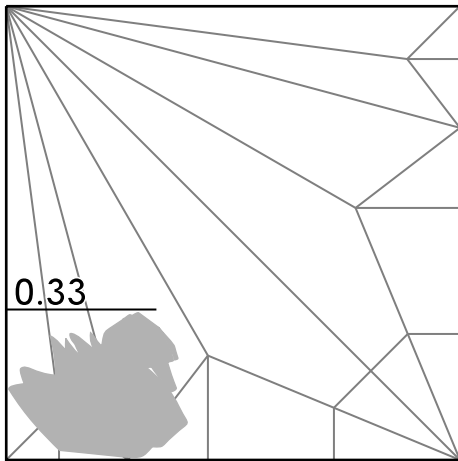
Shape the stigma and pleat-fold to shape petals.



50

Completed model.





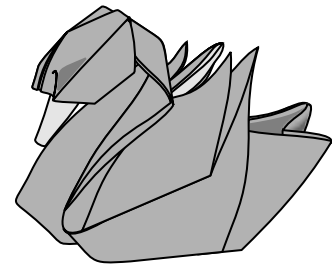
# Duck

## Canard

Hoang Tien Quyet

12/05/2008

Level / Niveau : ★ ★  
 Time to fold / Pliage : 30min  
 Paper size /  
 Taille du papier : 20x20cm

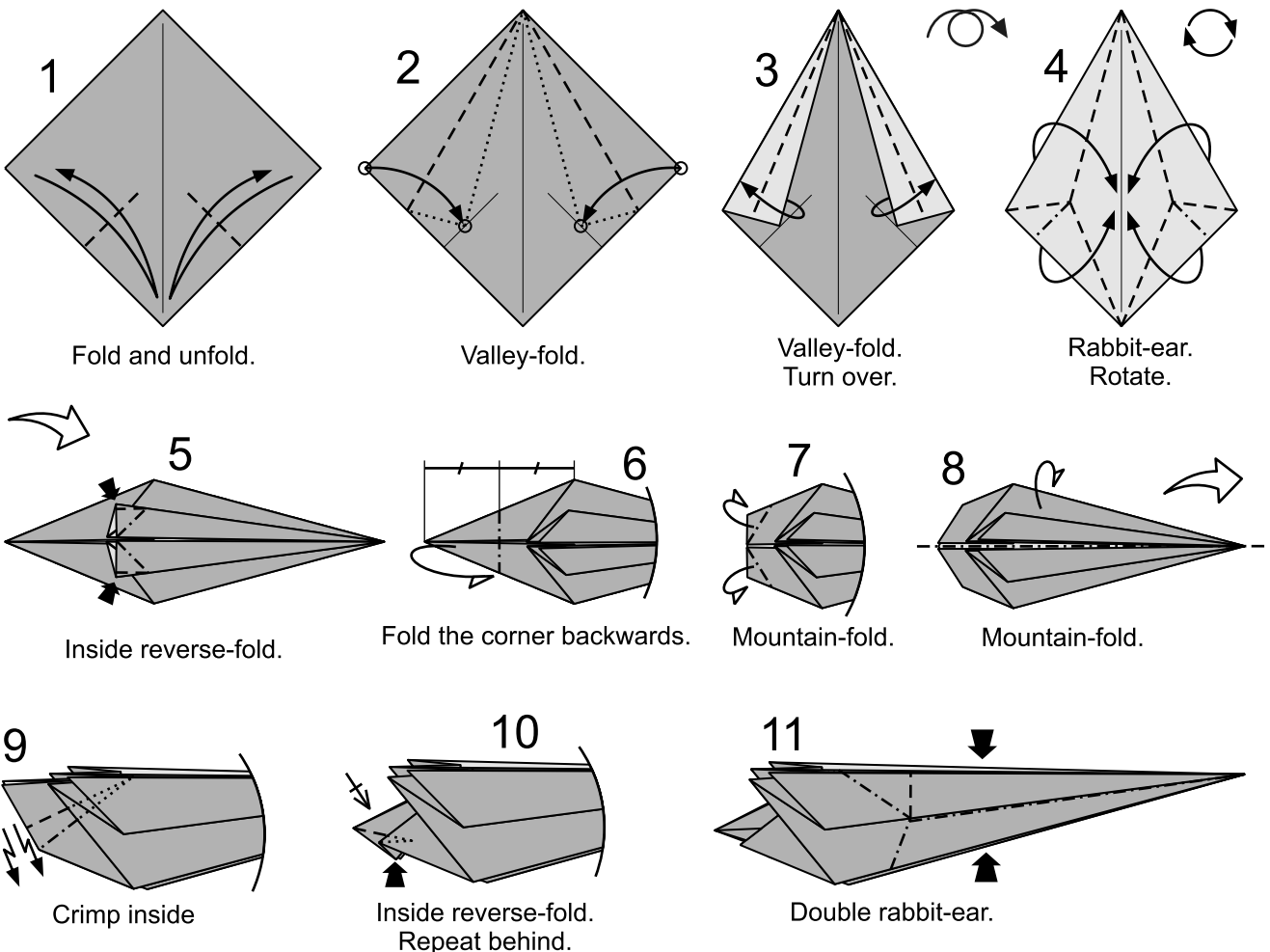


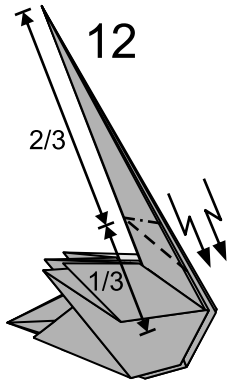
I like this design very much because my 2008 swan and this model are the first of all my designs. I designed the swan first and saw the possibility for other models. This duck was created with only some changes in ratio from the swan design.

This model is easy to fold. Using curved folds in steps 11, 12, and 24 will make it more beautiful. Wet folding using Canson paper is also a good choice.

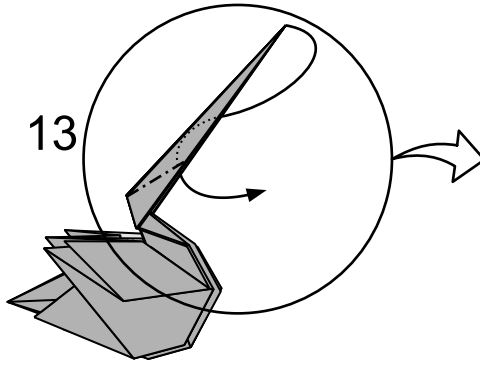
*J'aime beaucoup ce modèle parce qu'avec mon cygne de 2008, ce fut ma toute première création. J'ai créé le cygne en premier et j'y ai vu la possibilité de réaliser d'autres modèles. Ce canard a été créé en modifiant seulement les proportions du cygne.*

*Ce modèle est facile à plier. Réalisez des plis courbes dans les étapes 11, 12 et 24 pour le rendre plus joli. Je vous conseille de le plier en wet-folding avec du papier Canson.*

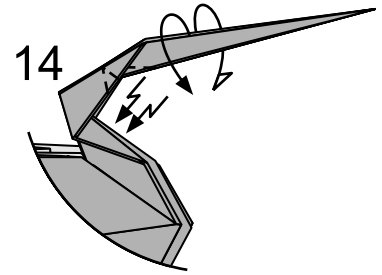




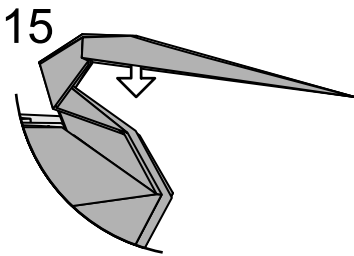
Crimp outside.



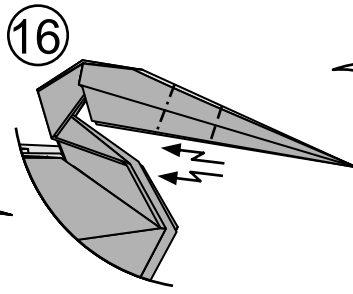
Inside reverse-fold.  
Zoom in.



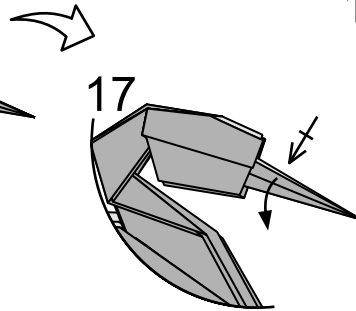
Outside reverse-fold.  
Crimp outside.



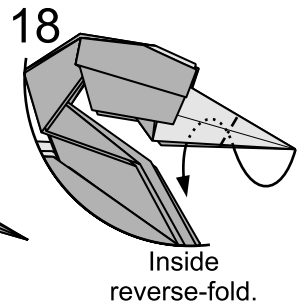
Pull out.



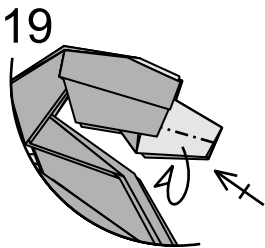
Crimp inside.



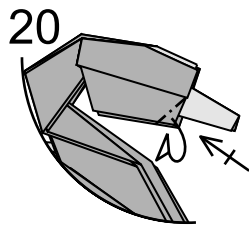
Unfold layer.  
Repeat behind.



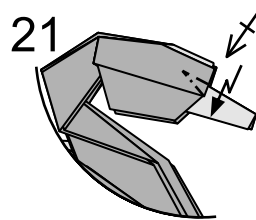
Inside reverse-fold.



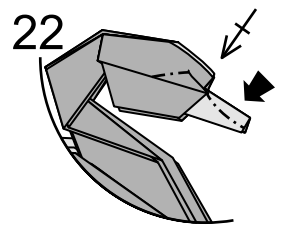
Mountain-fold.  
Repeat behind.



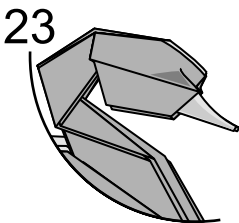
Mountain-fold.  
Repeat behind.



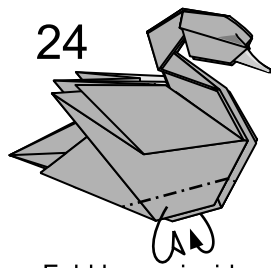
Pleat-fold.  
Repeat behind.



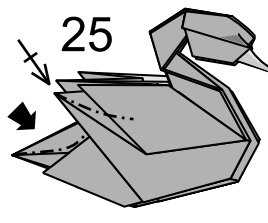
Shape the eyes  
and beak.



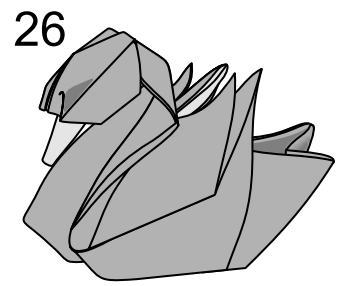
Zoom out.



Fold layers inside.

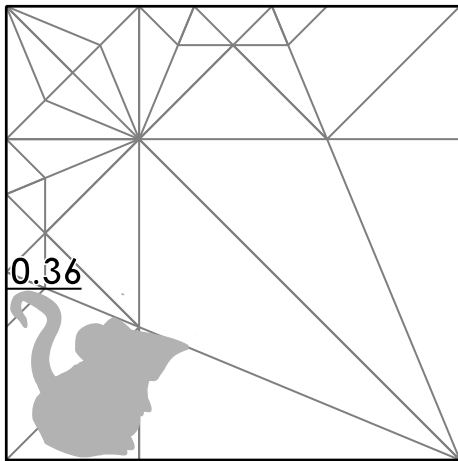


Shape the body.



Completed.





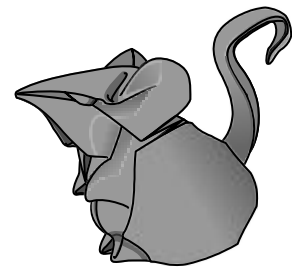
# Mouse

## Souris

Hoang Tien Quyet

15/10/2008

Level / Niveau : ★★★  
 Time to fold / Pliage : 60min  
 Paper size /  
 Taille du papier : 20x20cm

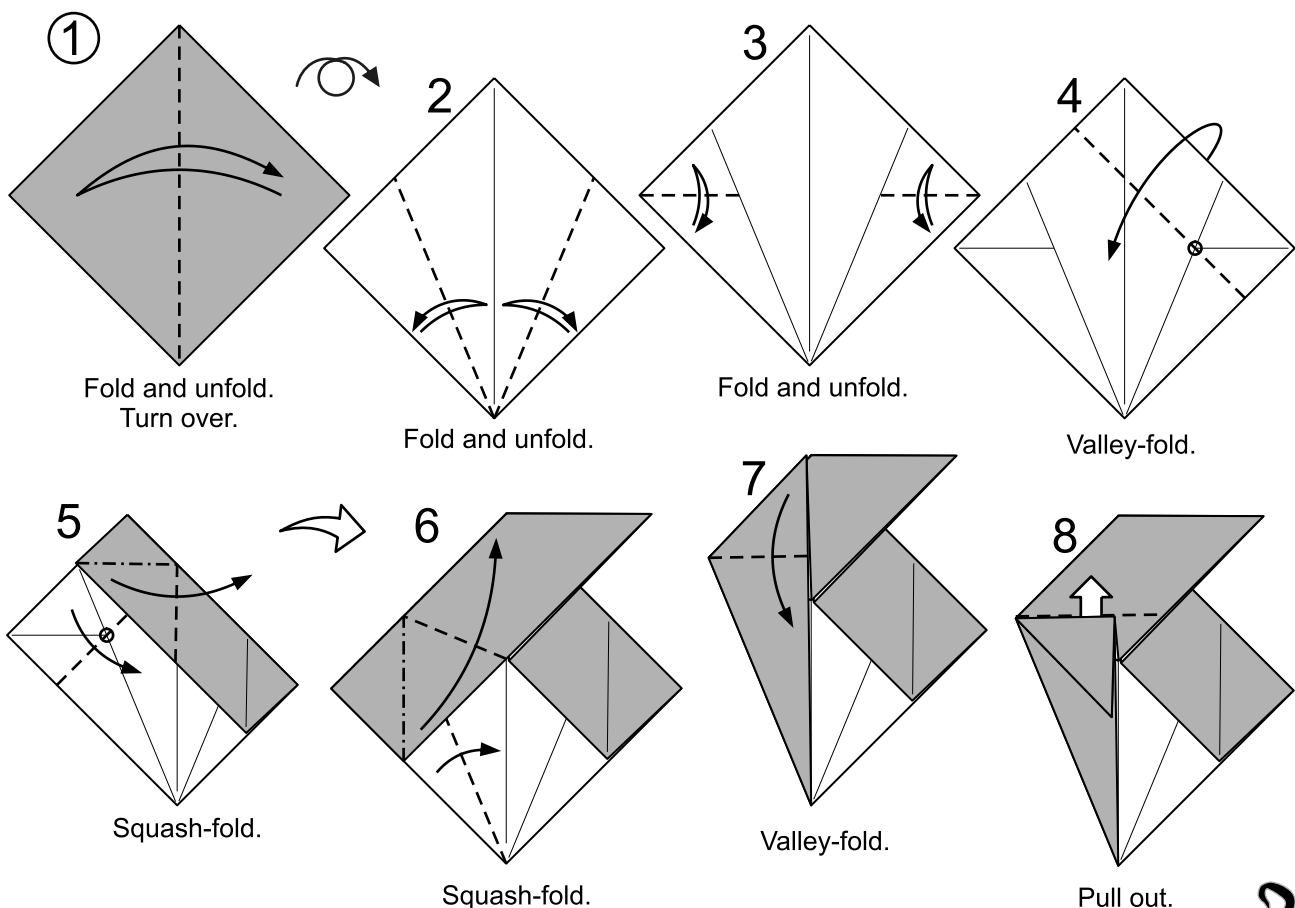


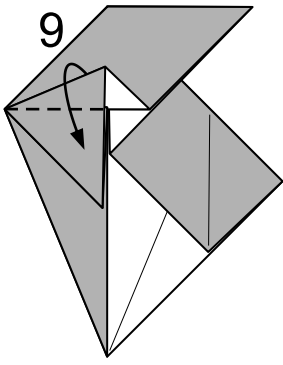
In Vietnam, 2008 is The Year of the Mouse. Just like my friends, I also tried to design one of my own. The idea of a fat mouse came about, which I thought could be different from most origami mice at the time. I was very happy because creating the head was easier than I thought, as was the body- especially the forelegs, which came out casually making it more beautiful.

You should test fold first with normal paper to understand the structure of the model. I recommend wet folding using Canson paper and try to minimize unnecessary creases.

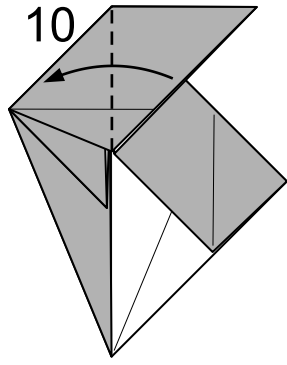
*Au Vietnam, 2008 est l'année de la souris. Tout comme mes amis, j'ai aussi essayé d'en concevoir une en origami. L'idée d'une souris grassouillette m'est venue pour la rendre différente de toutes les autres souris déjà créées à l'époque. J'ai été très heureux en m'apercevant que la tête, le corps et surtout les pattes antérieures étaient plus facile à faire que je ne le pensais. En particulier, ces dernières ressortent avec désinvolture et rendent le modèle plus beau.*

*Je vous conseille de plier ce modèle d'abord avec papier classique pour bien comprendre la structure du modèle. Puis je recommande un pliage en wet-folding avec un papier Canson en essayant de minimiser les plis inutiles.*

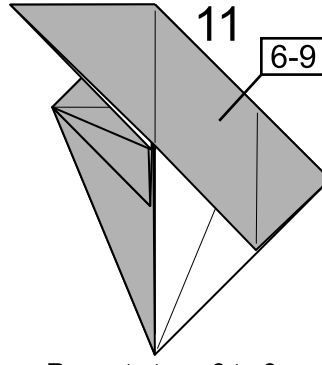




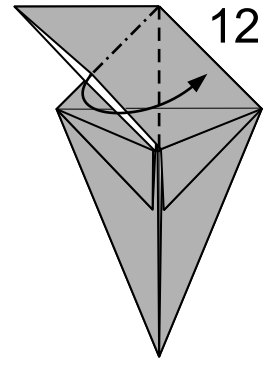
9  
Valley-fold.



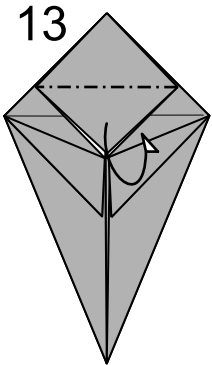
10  
Valley-fold.



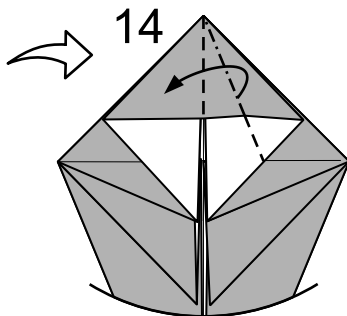
11  
Repeat steps 6 to 9  
on the right.



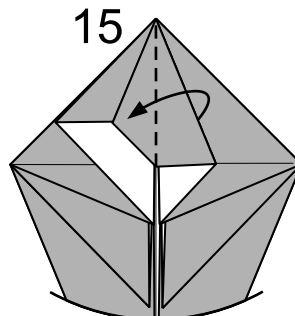
12  
Squash-fold.



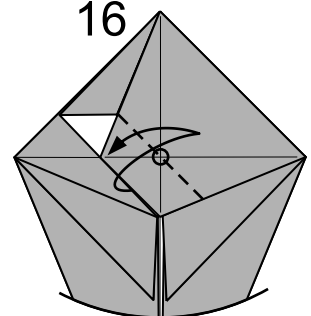
13  
Mountain-fold.



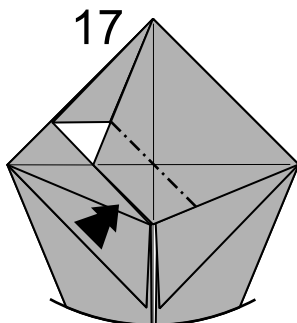
14  
Squash-fold.



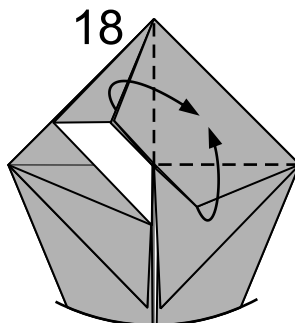
15  
Valley-fold.



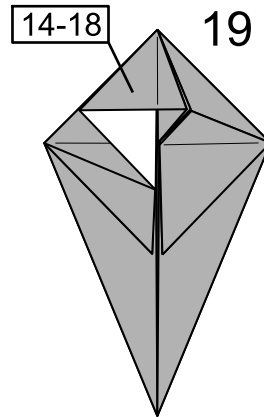
16  
Fold and unfold.



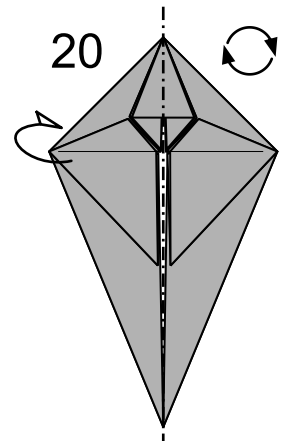
17  
Sink.



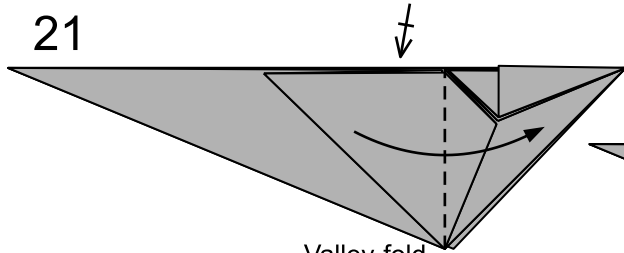
18  
Valley-fold.



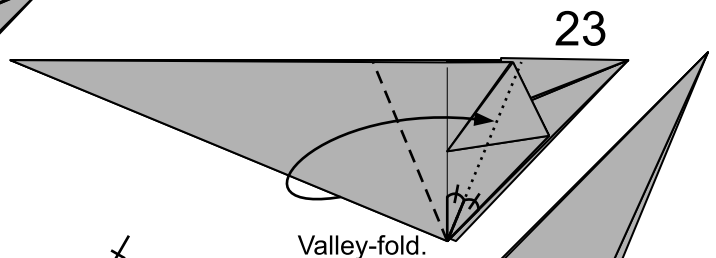
19  
Repeat steps 14 to 18  
on the left.



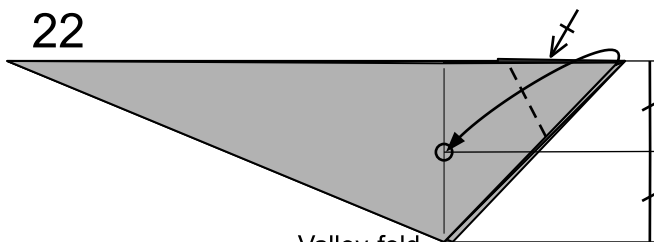
20  
Mountain-fold.  
Rotate.



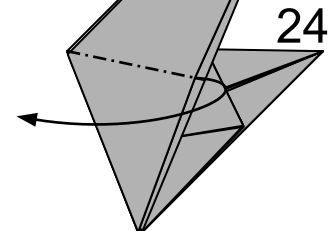
21  
Valley-fold.  
Repeat behind.



23  
Valley-fold.



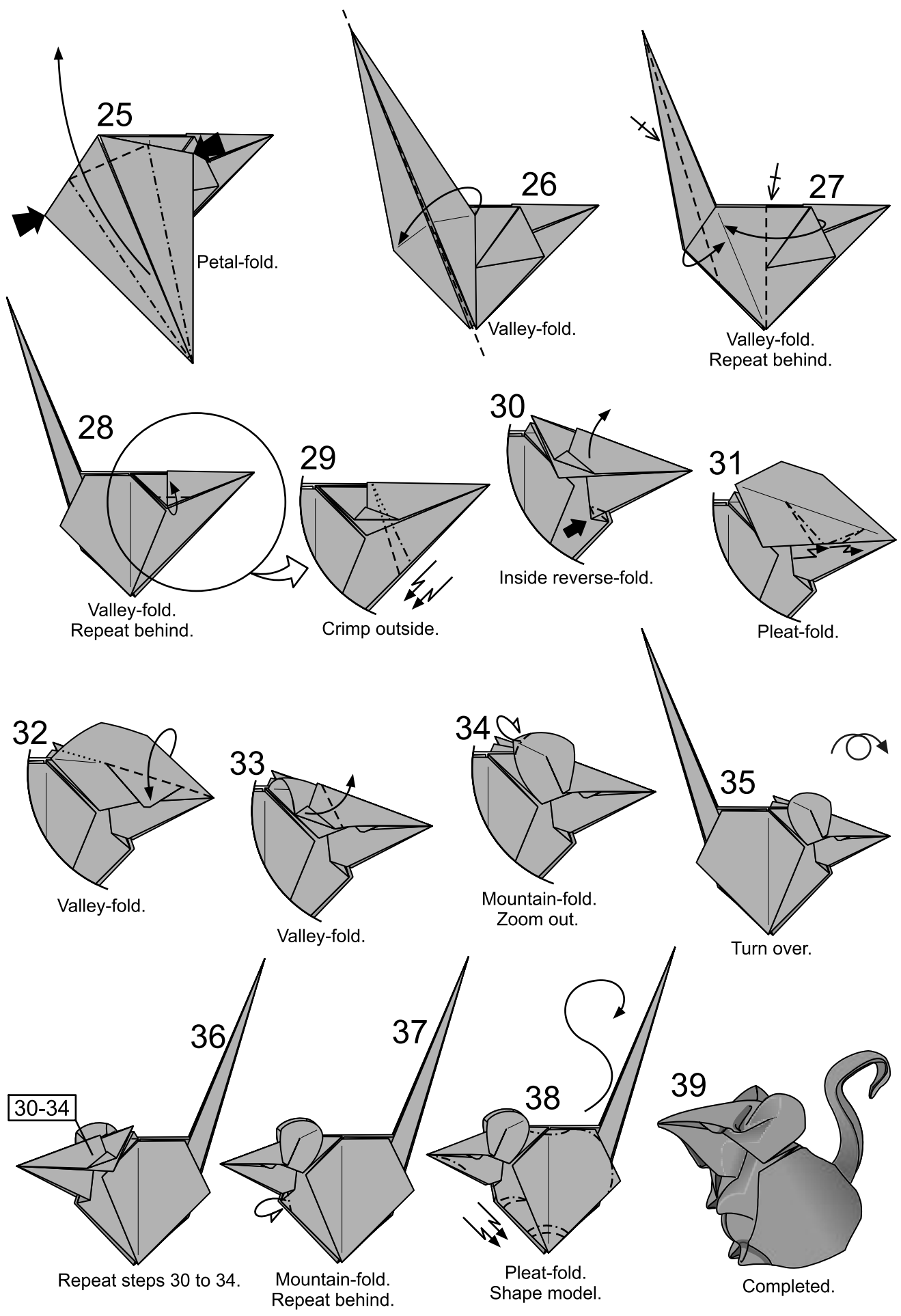
22  
Valley-fold.  
Repeat behind.

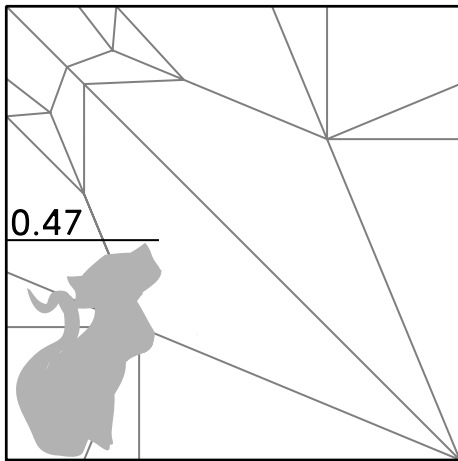


24  
Squash-fold.









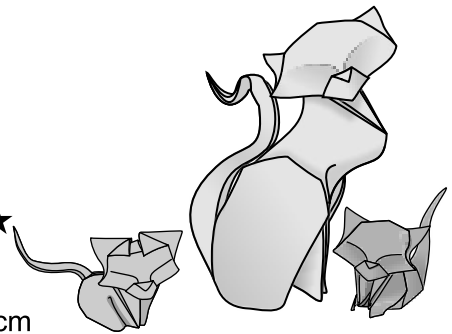
# Cats

## Chats

Hoang Tien Quyet

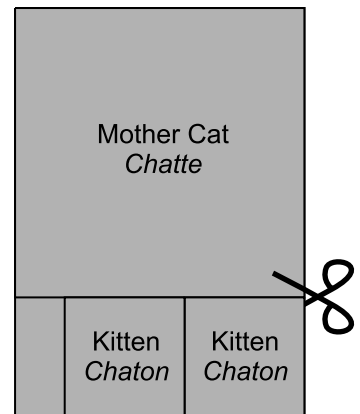
10/11/2008

Level / Niveau : ★★★  
 Time to fold / Pliage : 1h  
 Paper size /  
 Taille du papier : 20x20cm

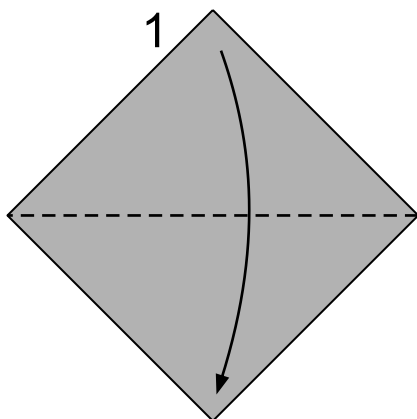


After successfully designing the mouse, I thought about designing a new cat because I love this animal. By using the fish-base, the body and long tail were easy to create. However, the face was very difficult to describe beautifully. I tried many times, and fortunately, I succeeded. The beautiful lady cat face was beyond my expectations, and was very suitable to the body I created. Like my last models, I wet folded it to express details in the most lissome way. Again, I recommend using Canson paper and minimizing unnecessary creases.

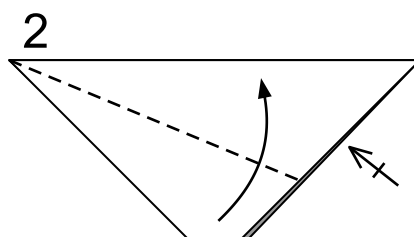
*Après avoir conçu avec succès la souris, j'ai pensé à la conception d'un nouveau chat parce que j'adore cet animal. En utilisant la base du poisson, le corps et la longue queue furent faciles à créer. En revanche, la tête fut beaucoup plus difficile à retranscrire. Après plusieurs essais, j'ai réussi : la tête gracieuse de cette chatte a été au-delà de mes espérances. De plus, elle convient tout à fait au corps svelte que j'ai créé. Comme mes derniers modèles, j'ai plié ce chat avec la technique du pliage humide pour exprimer au mieux les détails et les courbes du modèle. A nouveau, je vous recommande l'utilisation d'un papier Canson et de minimiser les plis inutiles.*



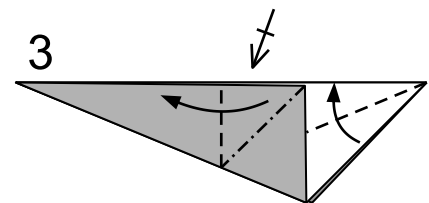
Make three squares from one A4 size paper for folding the cat mother and kittens.  
*A partir d'un format A4, découper 3 carrés pour plier la mère et ses chatons.*



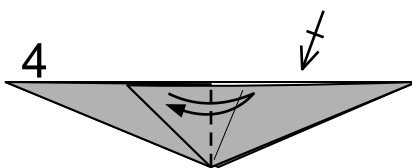
Valley-fold.



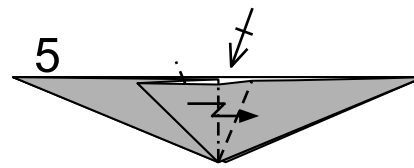
Valley-fold.  
Repeat behind.



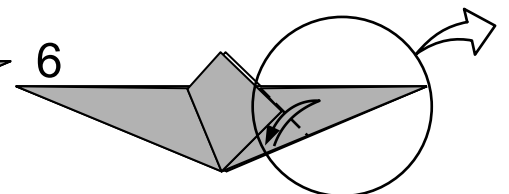
Squash-fold.  
Repeat behind.



Fold and unfold.  
Repeat behind.

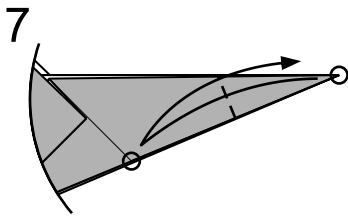


Pleat-fold.  
Repeat behind.

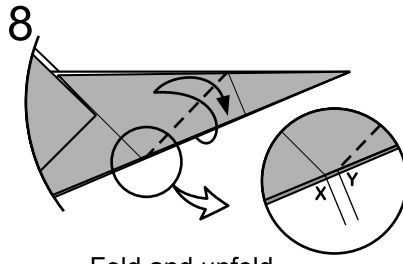


Fold and unfold.  
Zoom in.

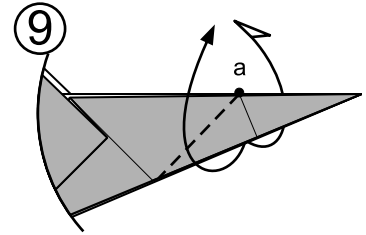




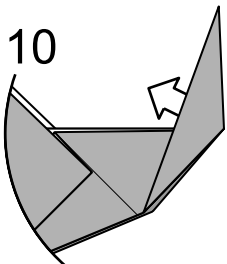
7  
Fold and unfold.



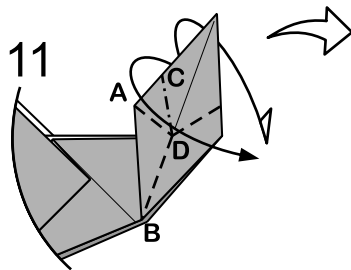
8  
Fold and unfold.  
Note: XY~2mm.



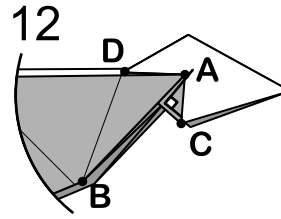
9  
Outside reverse-fold.



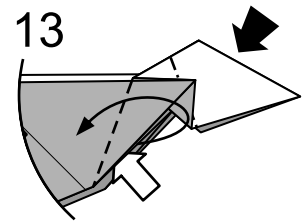
10  
Pull out.



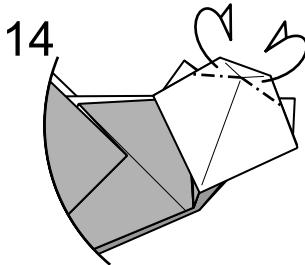
11  
Outside reverse-fold.  
Note AB and CD.



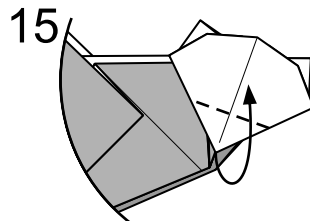
12  
AB is perpendicular  
to CD after step 11.



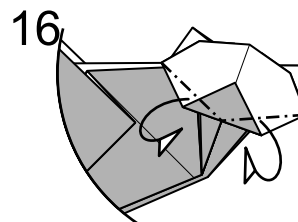
13  
Squash-fold.



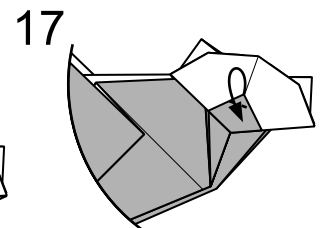
14  
Mountain-fold.



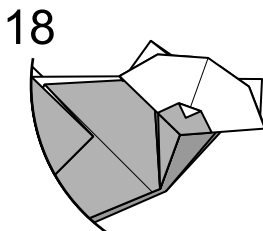
15  
Valley-fold.



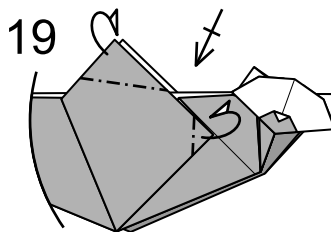
16  
Mountain-fold.



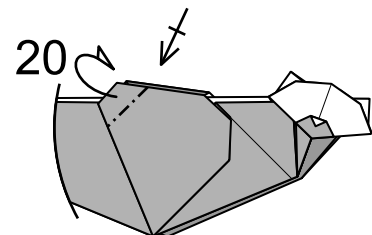
17  
Valley-fold.



18  
Zoom out.

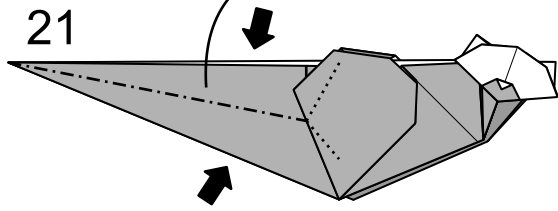


19  
Mountain-fold.  
Repeat behind.



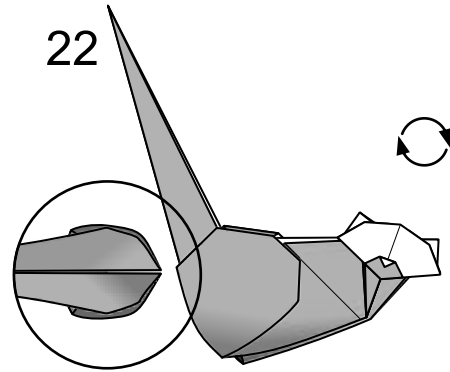
20  
Mountain-fold.  
Repeat behind.





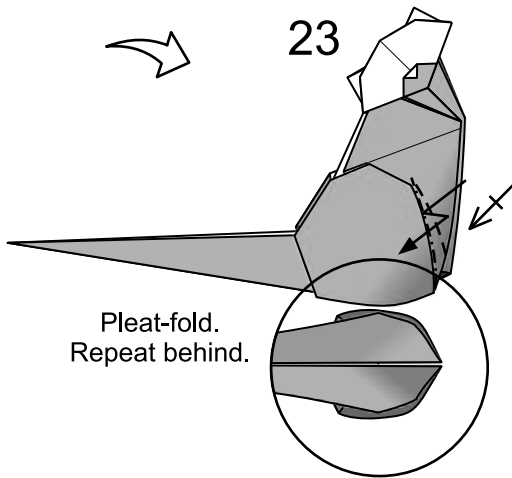
21

Double rabbit-ear.



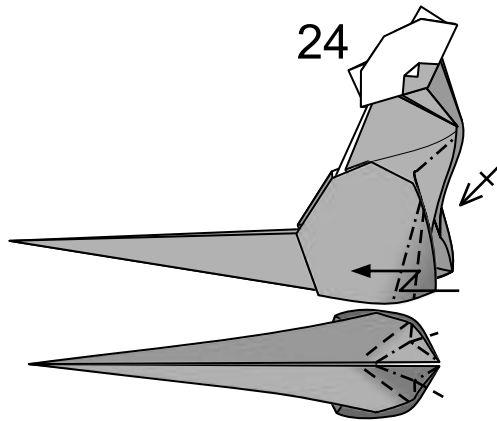
22

Viewing the model from underneath after step 21. Rotate and zoom in.



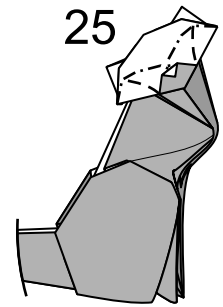
23

Pleat-fold.  
Repeat behind.



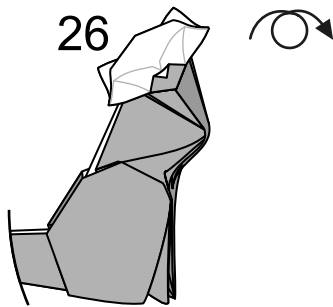
24

Pleat-fold (note the view from bottom) and shape the chest. Repeat behind.



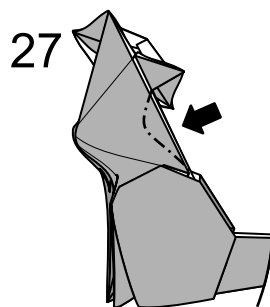
25

Shape the face.



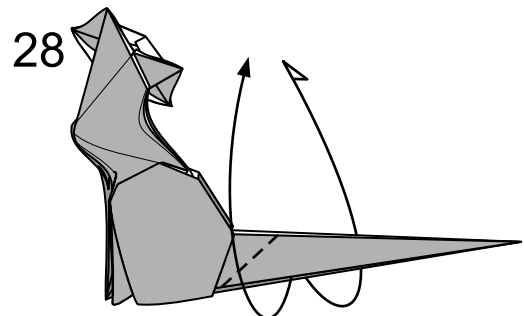
26

Turn over.



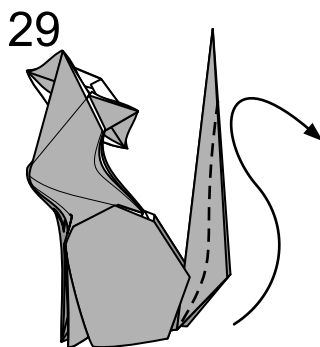
27

Shape the back.



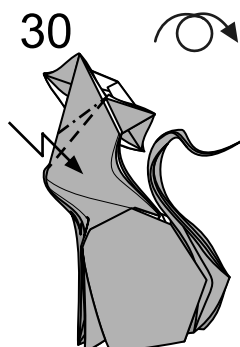
28

Outside reverse-fold.



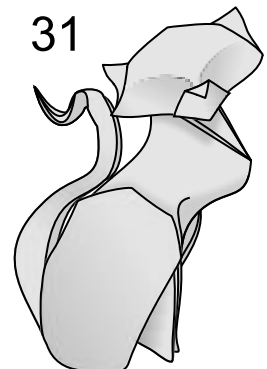
29

Valley-fold and shape the tail.



30

Pleat-fold and turn over.

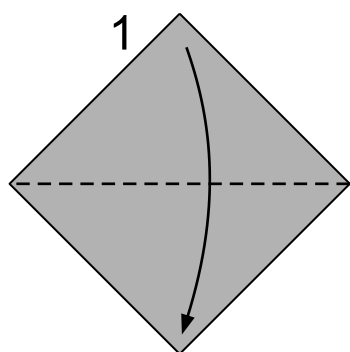


31

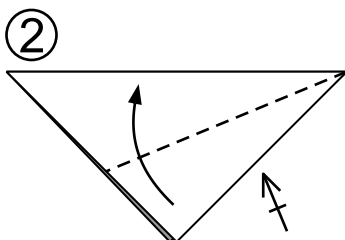
Completed.



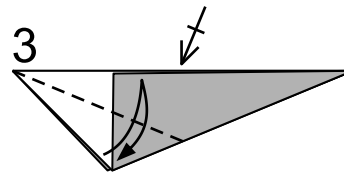
# Kitten / Chaton



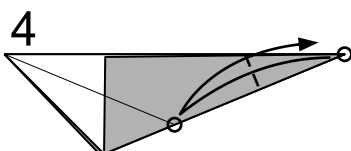
1 Valley-fold.



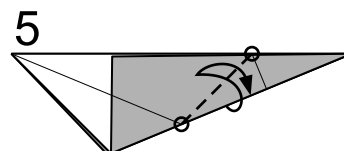
2 Valley-fold.  
Repeat behind.



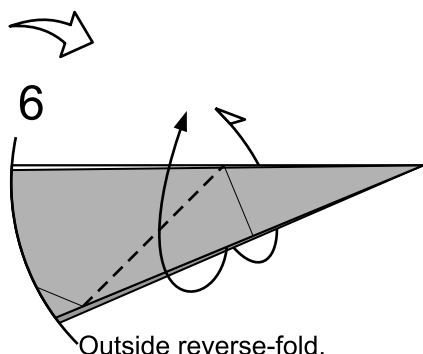
3 Fold and unfold.  
Repeat behind.



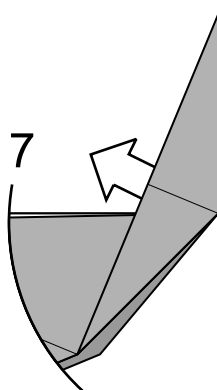
4 Fold and unfold.



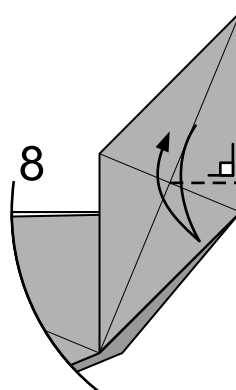
5 Fold and unfold.  
Zoom in.



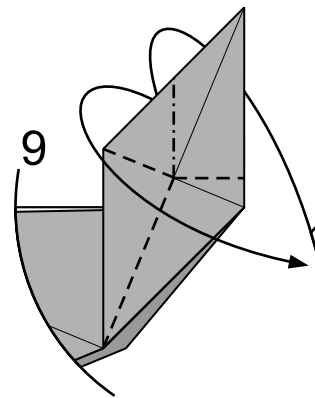
6 Outside reverse-fold.



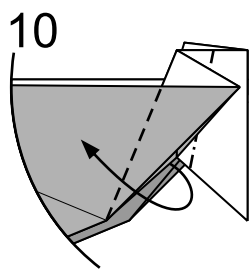
7 Pull out.



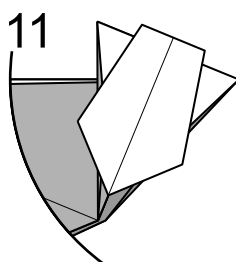
8 Fold and unfold.



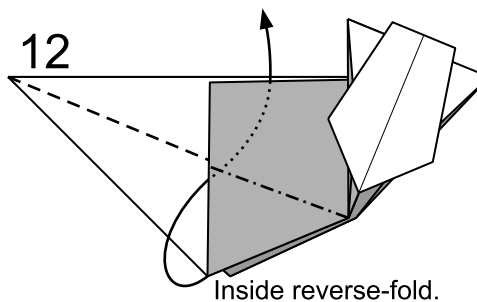
9 Outside reverse-fold.



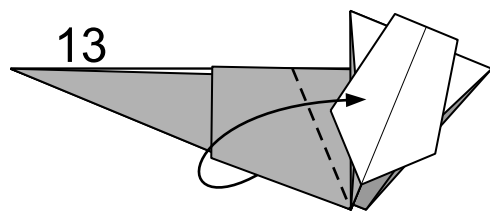
10 Squash-fold.



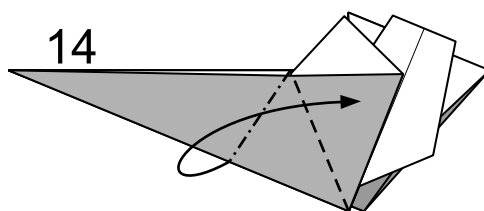
11



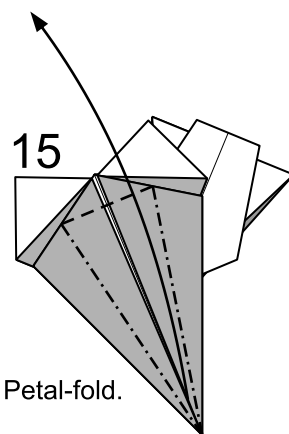
12 Inside reverse-fold.  
Repeat behind.



13 Valley-fold.

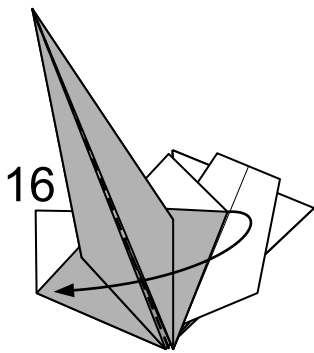


14 Squash-fold.



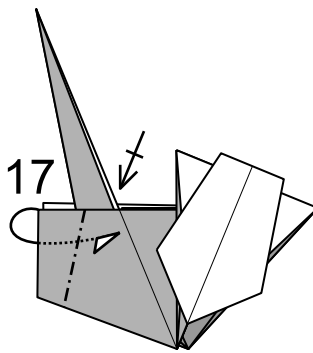
15 Petal-fold.





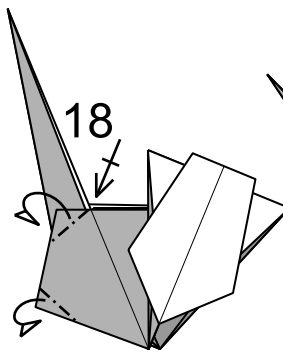
16

Valley-fold.



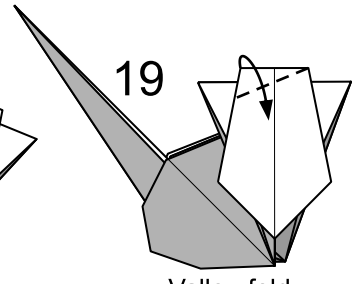
17

Mountain-fold.  
Repeat behind.



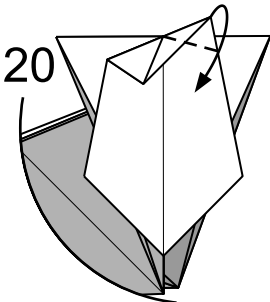
18

Mountain-fold.  
Repeat behind.



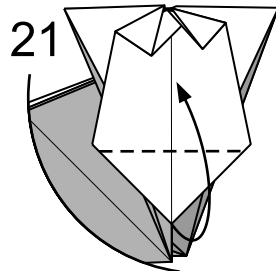
19

Valley-fold.



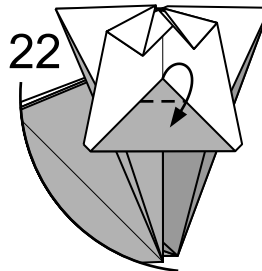
20

Valley-fold.



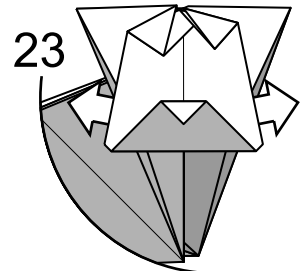
21

Valley-fold.



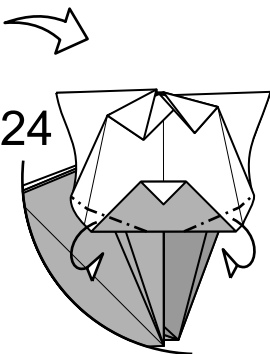
22

Valley-fold.



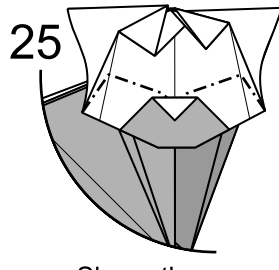
23

Pull out.



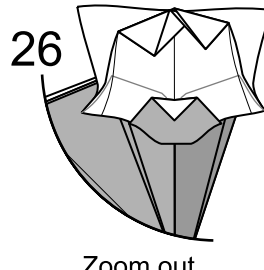
24

Mountain-fold.



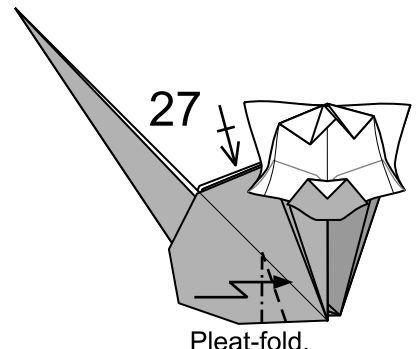
25

Shape the  
face.



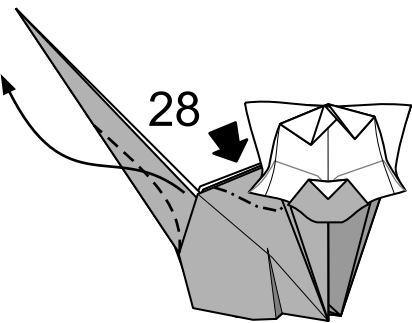
26

Zoom out.



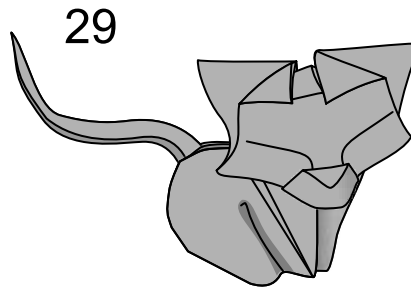
27

Pleat-fold.  
Repeat behind.

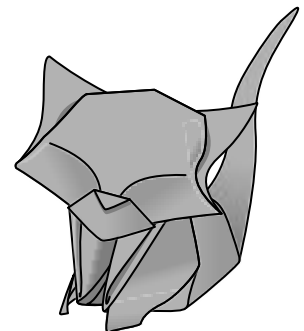


28

Shape the  
back and tail.

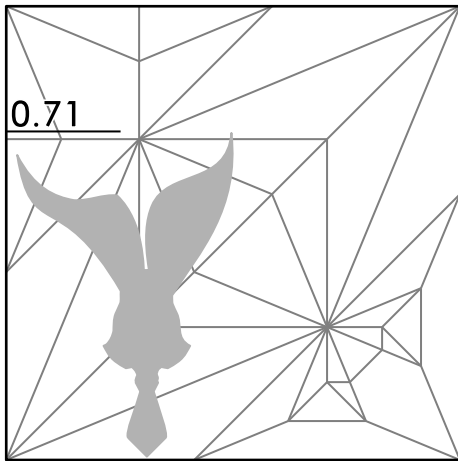


29



These are two of my completed kittens. Some changes to the creases in steps 5 and 9 creates a different face for each kitten. Try and make other kittens yourself.





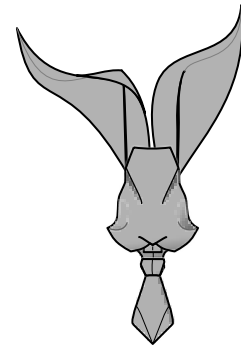
# Rabbit with a tie

Lapin avec une  
cravate

Hoang Tien Quyet

30/01/2009

Level / Niveau : ★★★  
 Time to fold / Pliage : 45 min  
 Paper size /  
 Taille du papier : 21x21cm

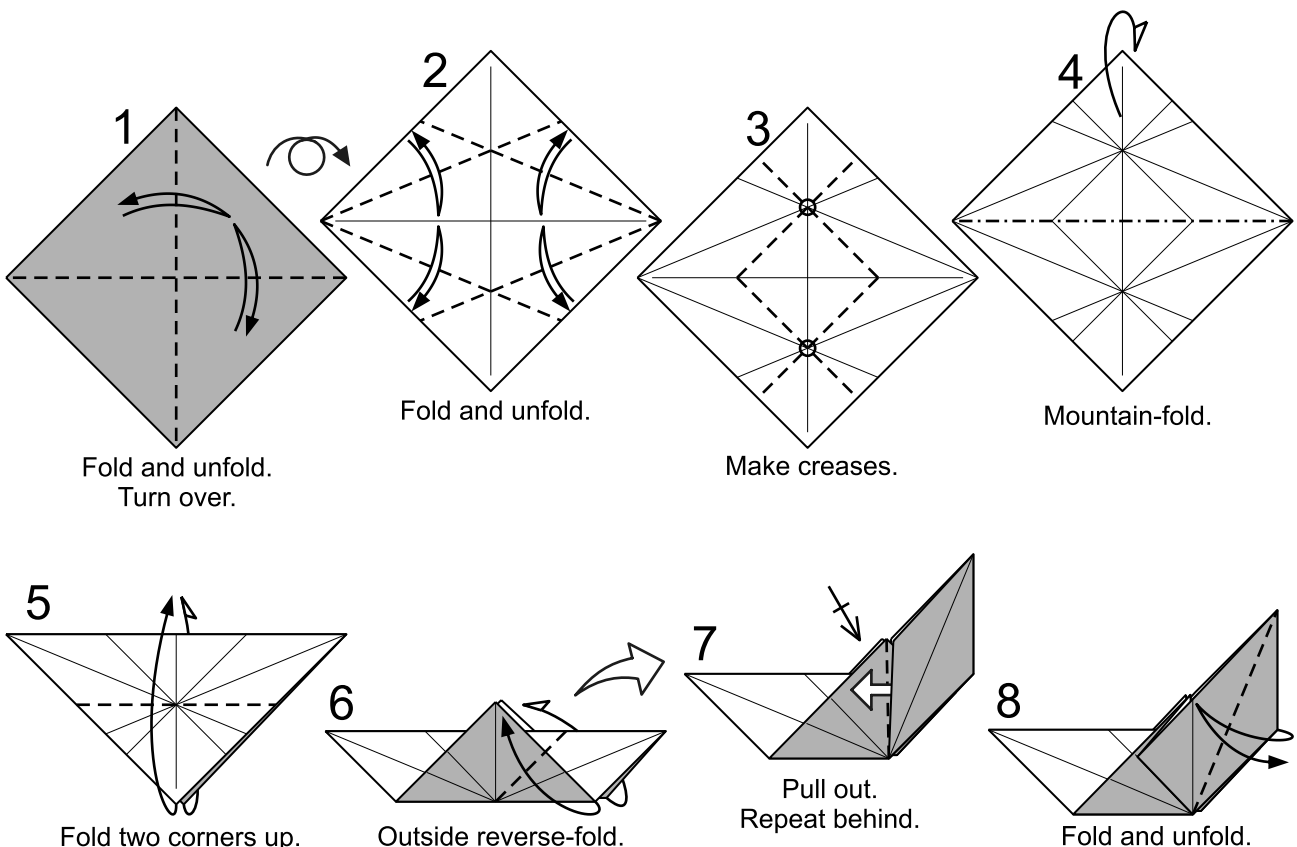


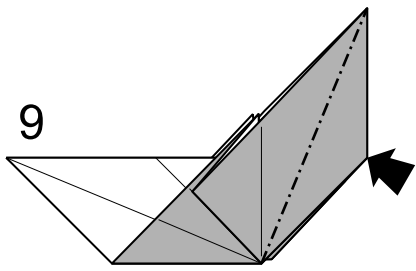
This is a design resulted from improvisation in 2009. I came up with a base unexpectedly when trying to fold Nguyen Hung Cuong's water buffalo (included in this book). Seeing two big corners on the base I immediately thought of a rabbit with big ears. The other details also came by improvisation, and luckily they capture features of an old rabbit.

At first I tried to fold a ribbon rather than a tie but it was unsuccessful – you can try for yourself. This model was folded from a 21x21cm square Canson paper of 160gsm thickness.

*Ce modèle est le résultat d'une improvisation réalisée en 2009. J'ai en effet obtenu, de manière inattendue, une base en essayant de plier le buffle d'eau de Nguyen Hung Cuong (inclu dans ce livre). En voyant ces deux grands volets sortant de la base, j'ai immédiatement pensé à un lapin aux grandes oreilles. Les autres détails sont eux aussi improvisés et par chance, la personnalité d'un vieux lapin est apparue.*

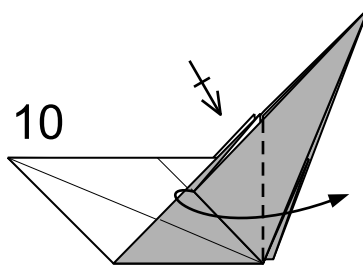
*Au début, j'ai essayé de plier un nœud papillon plutôt qu'une cravate, mais cela n'a pas marché. Essayez vous aussi ! Ce modèle a été plié dans un papier Canson de 160g/m<sup>2</sup> de 21x21 cm.*





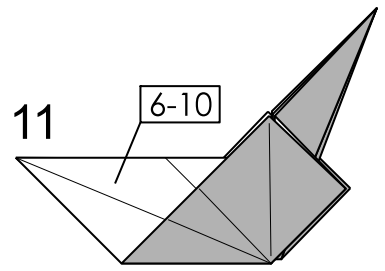
9

Open sink.



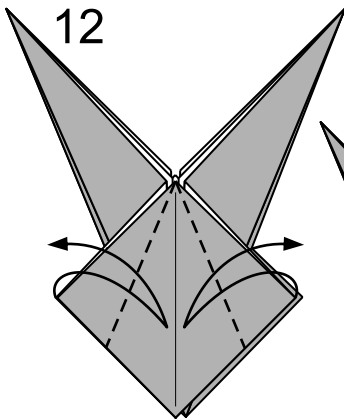
10

Valley-fold.  
Repeat behind.



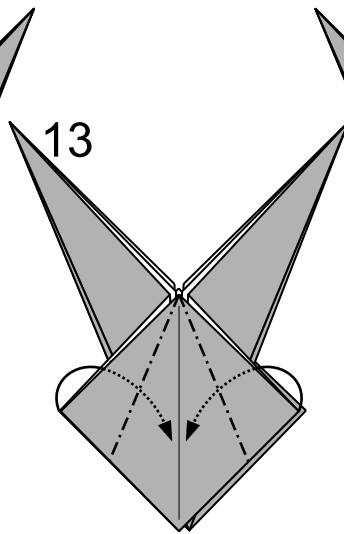
11

Repeat steps 6-10  
on the left.



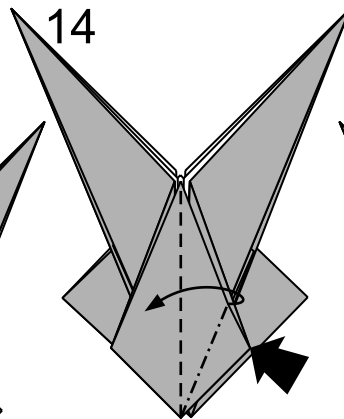
12

Fold and unfold.



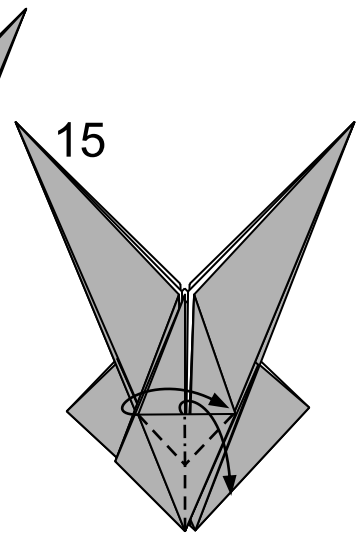
13

Fold corners inside.

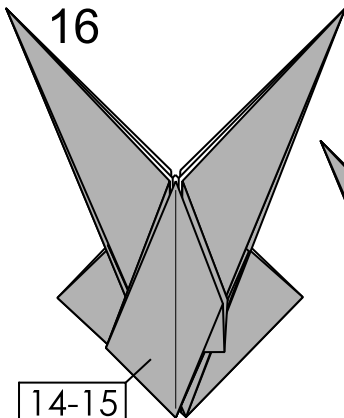


14

Squash-fold.



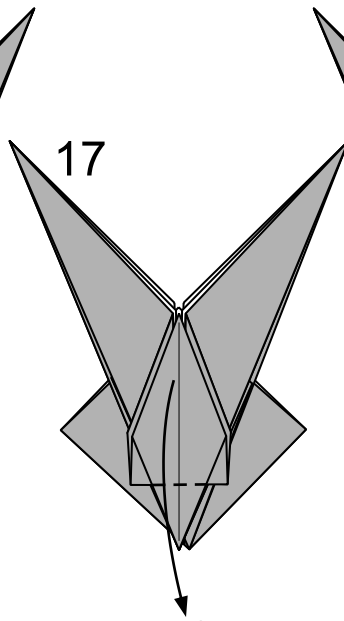
15



16

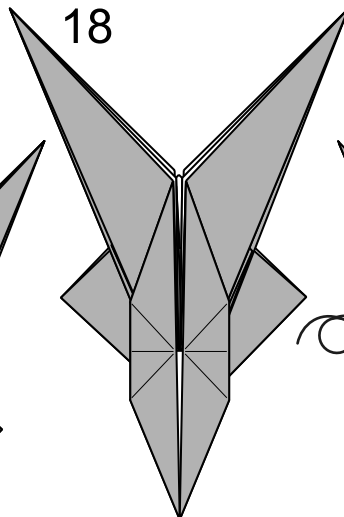
14-15

Repeat steps 14-15  
on the left.



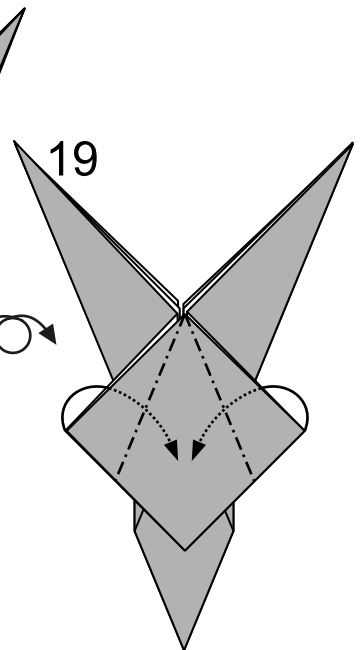
17

Valley-fold.



18

Turn over.

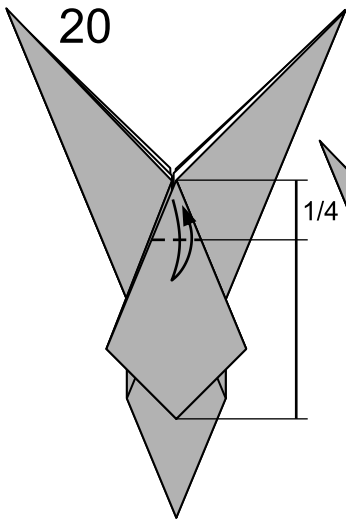


19

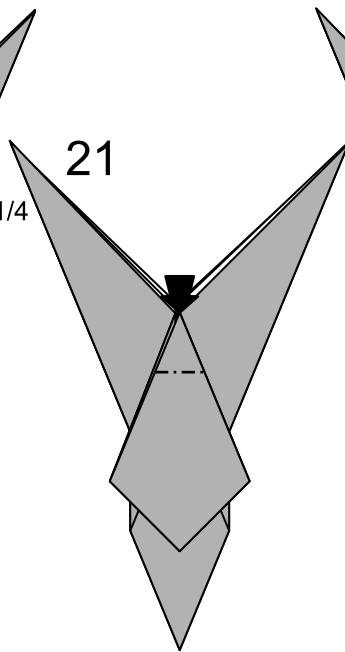
Fold corners inside.



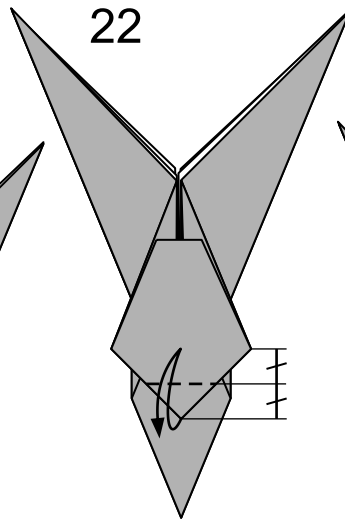




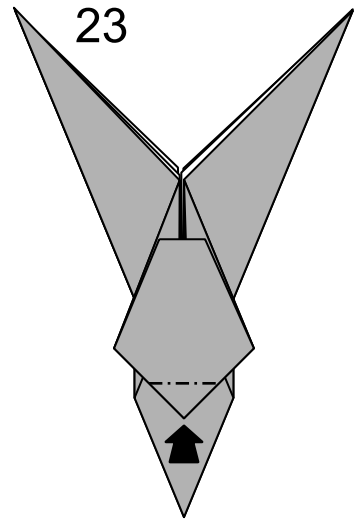
Fold and unfold.



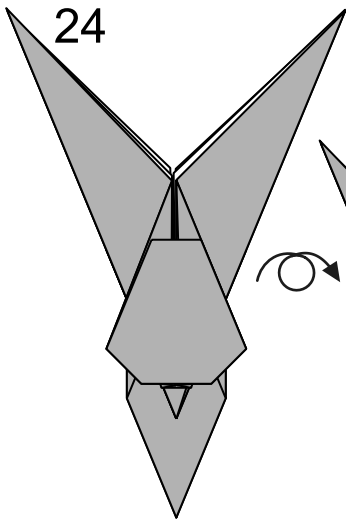
Open sink.



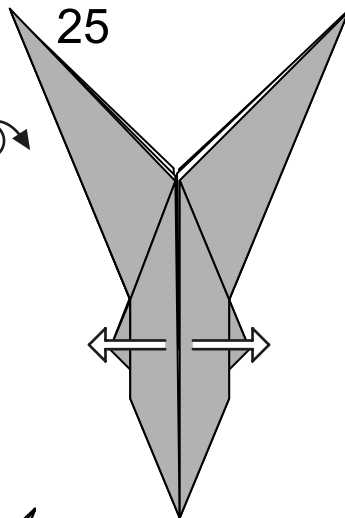
Fold and unfold.



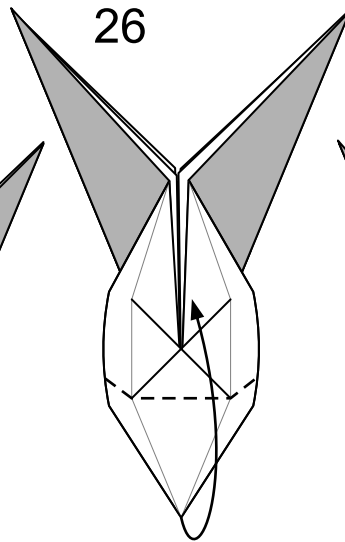
Open sink.



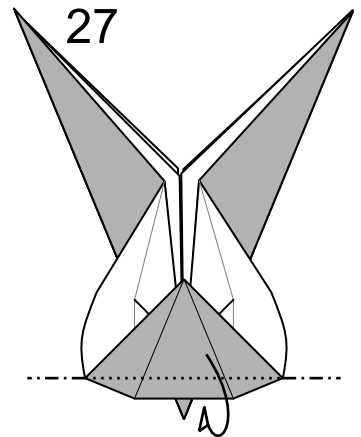
Turn over.



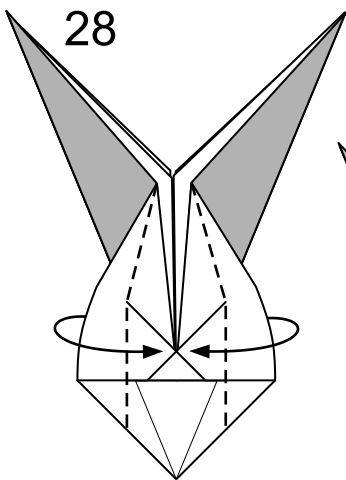
Open layers.



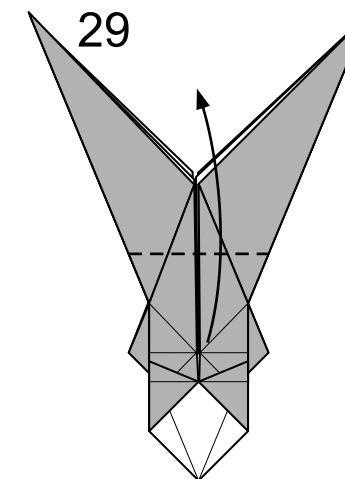
Valley-fold.



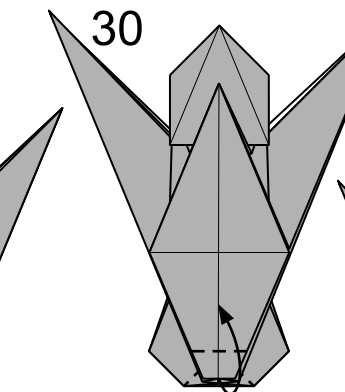
Mountain-fold.



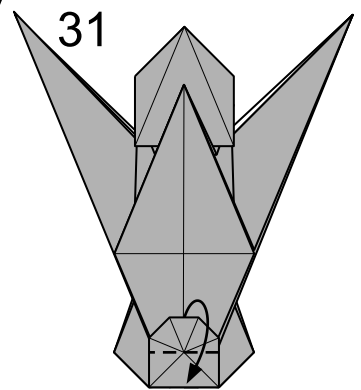
Valley-fold.



Valley-fold.

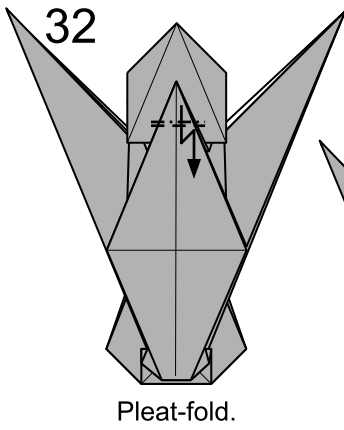


Squash-fold.

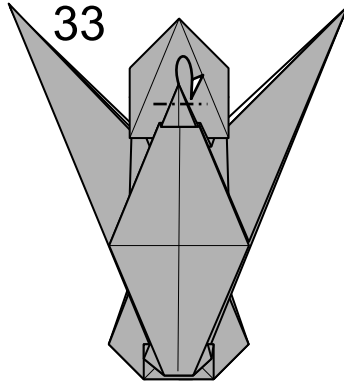


Valley-fold.

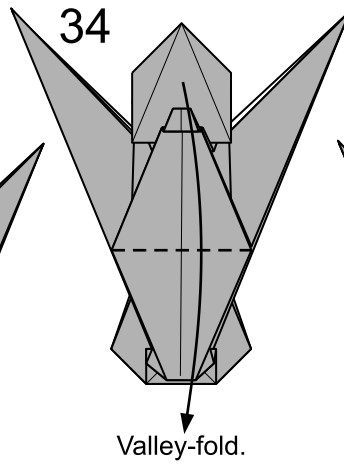




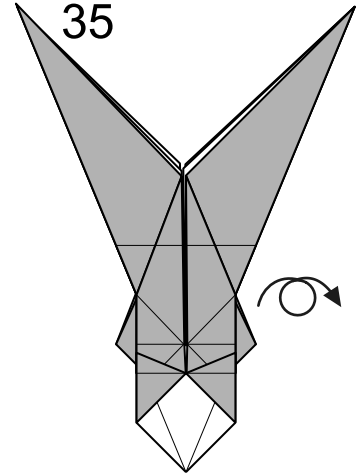
Pleat-fold.



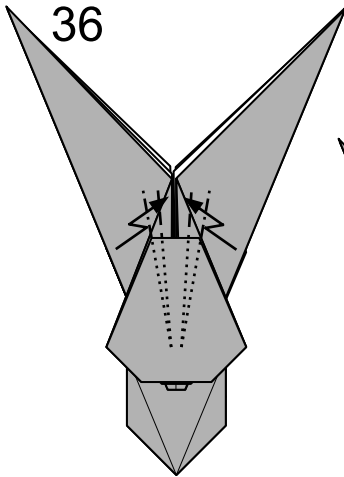
Mountain-fold.



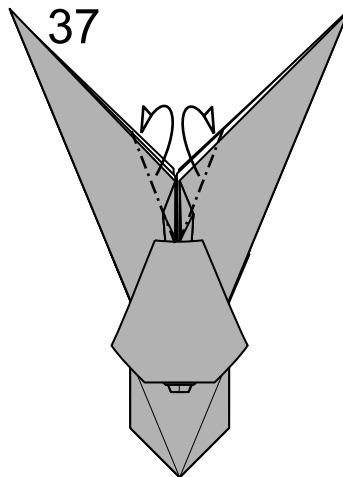
Valley-fold.



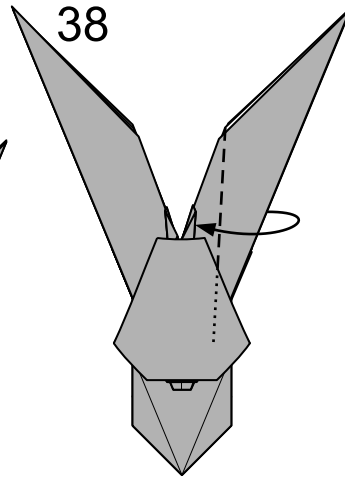
Turn over.



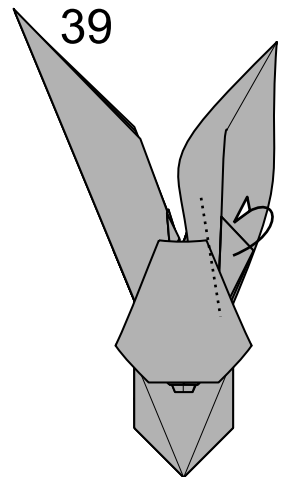
Pleat-fold.



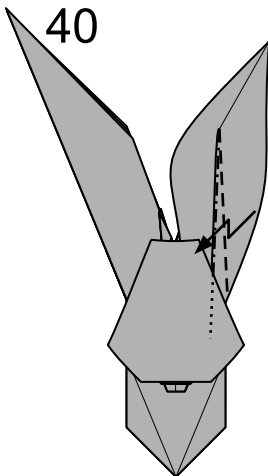
Mountain-fold.



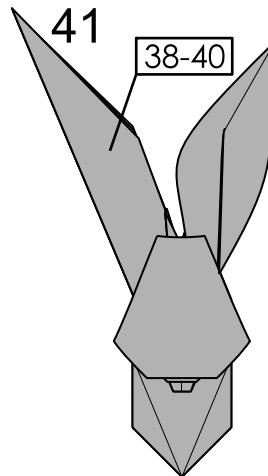
Valley-fold.



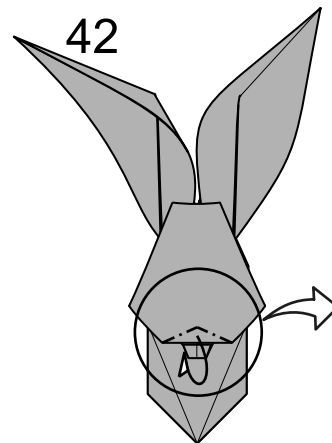
Mountain-fold.



Pleat-fold.

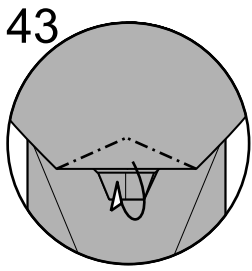


Repeat steps 38-40 on the left.

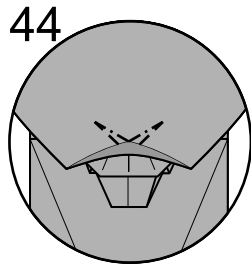


Magnified view.

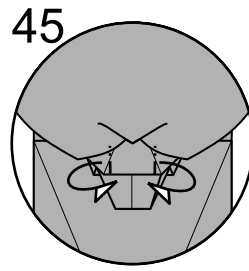




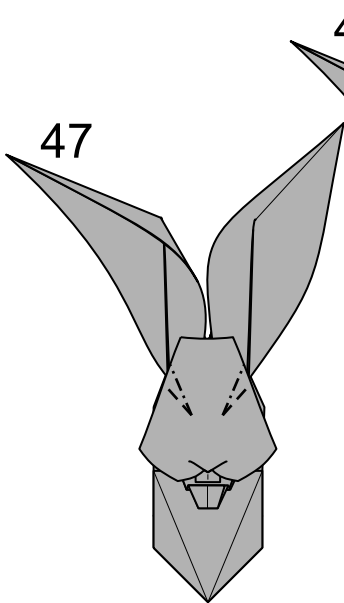
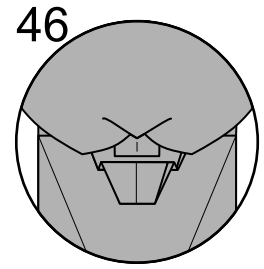
Mountain-fold.



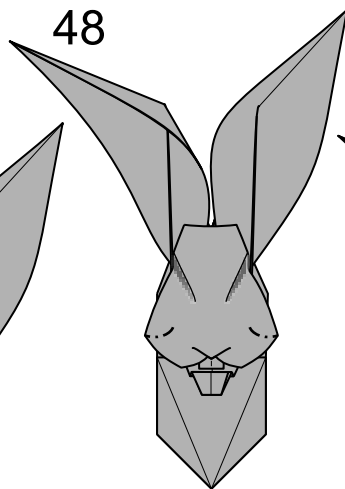
Pleat-fold to shape the nose.



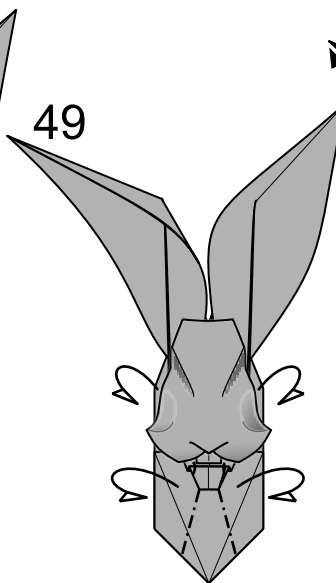
Mountain-fold to shape the teeth.



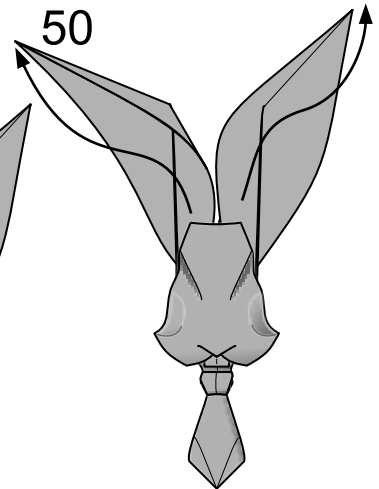
Pleat-fold to make the eyes.



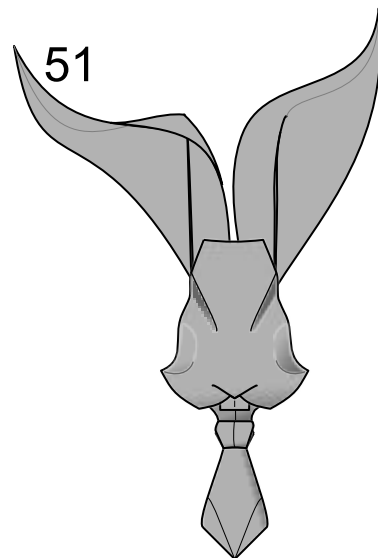
Shape the face.



Shape the tie.

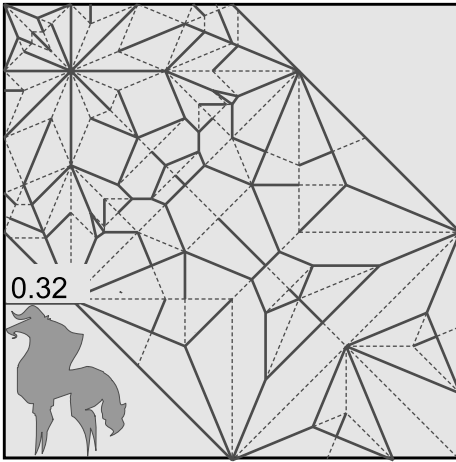


Curve the ears.



Model completed.





# Horse

## Cheval

Hoang Tien Quyet

15/07/2010



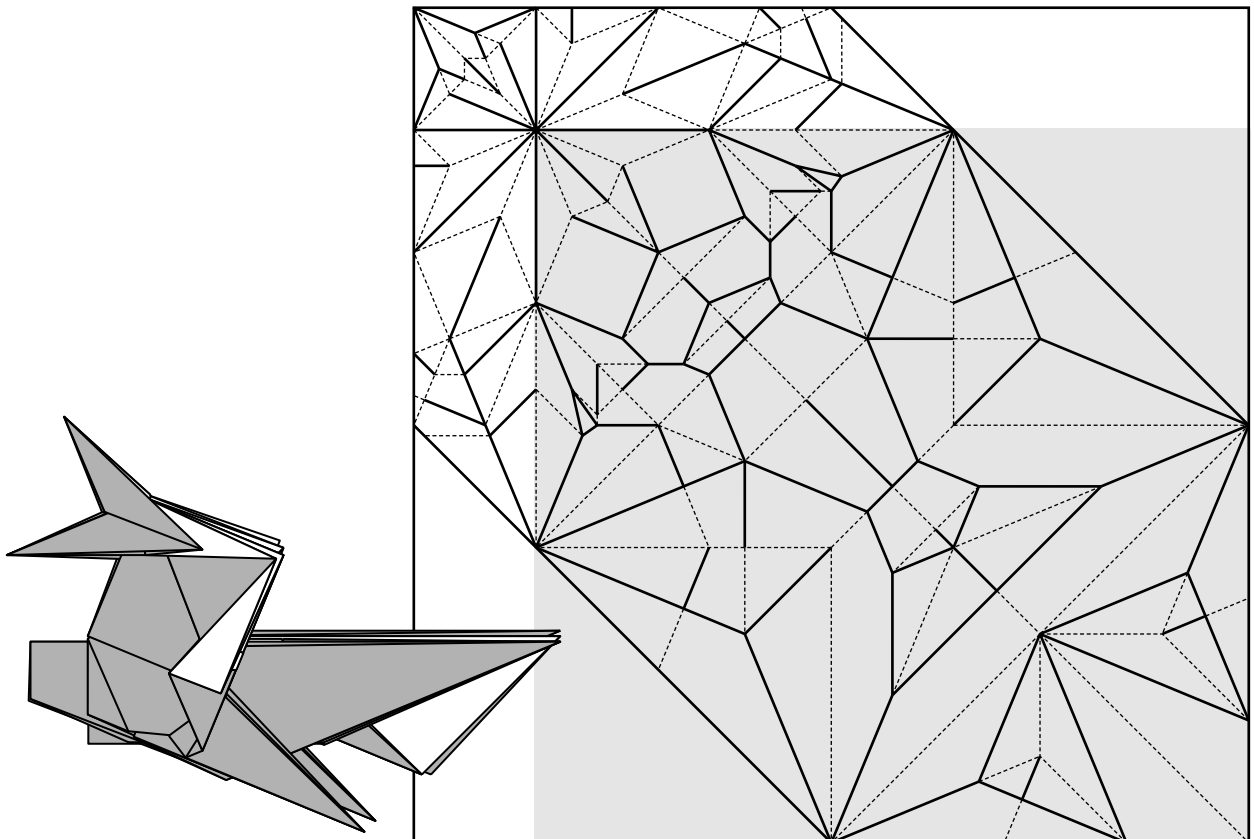
Level / Niveau : ★★★★★  
 Time to fold / Pliage : 5h  
 Paper size /  
 Taille du papier : 50x50cm

The horse is an interesting subject for me as it expresses a softness and feminineness that I like to achieve in my origami models. It was very easy to design the body, hind legs and tail, but it took me a whole year to complete the head, mane and forelegs. Although the structure of the model may need more work, I am satisfied with the details and the posture.

Note: The forelegs are very thick. You should use thin paper for this model. You can make another horse as well from the grey area of the CP - it is best to try it first so that you can understand the structure of the model.

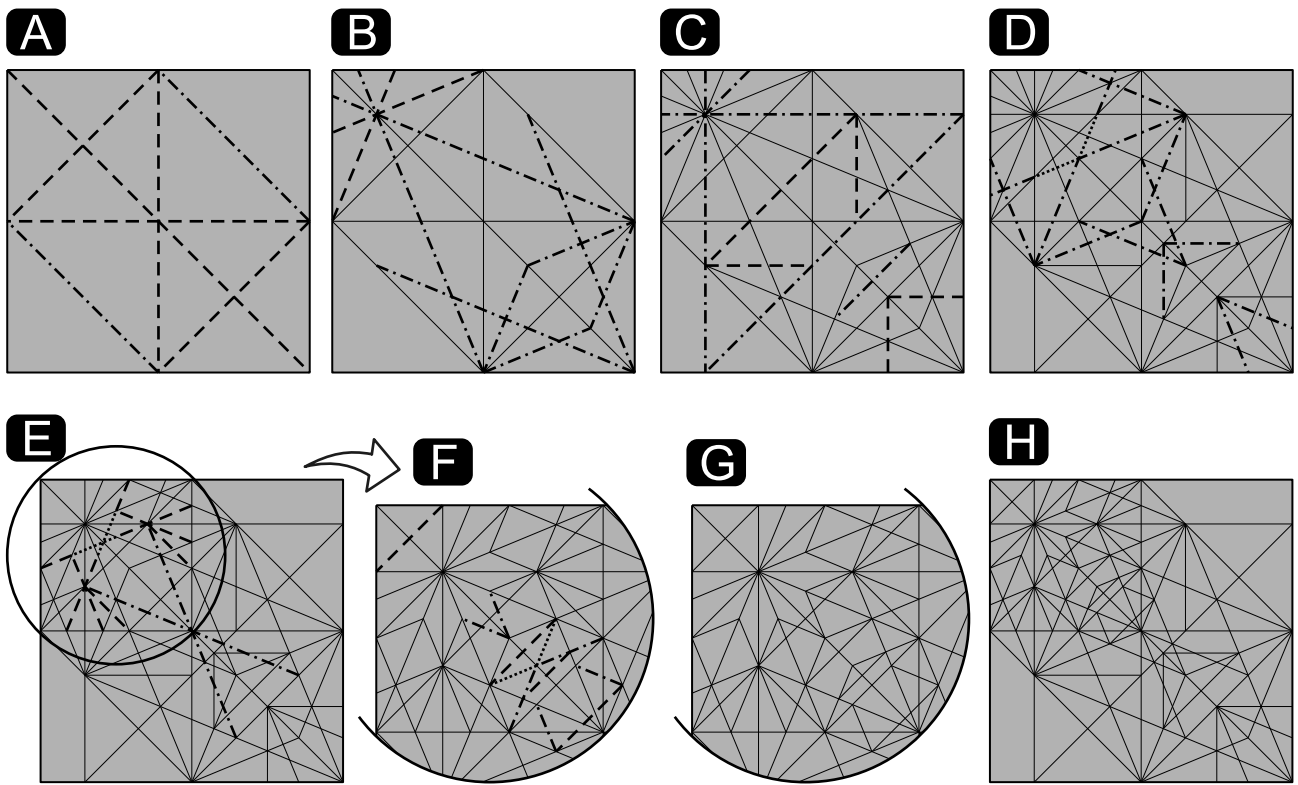
*Le cheval est un animal qui m'intéresse car il exprime une douceur et une féminité que j'aime transmettre dans mes modèles. Créer le corps, les pattes postérieures et la queue a été simple mais il m'a fallu une année entière pour réaliser la tête, la crinière et les pattes antérieures. La structure du modèle aurait pu être plus travaillée, mais je suis satisfait des détails et de la posture obtenue.*

*Remarque : Les pattes antérieures sont plutôt épaisses. Vous devez utiliser du papier fin pour ce modèle. Vous pouvez faire un autre cheval juste avec la zone grisée du CP - il est d'ailleurs préférable de plier la première fois ce cheval à partir de cette zone seulement pour bien comprendre la structure du modèle.*

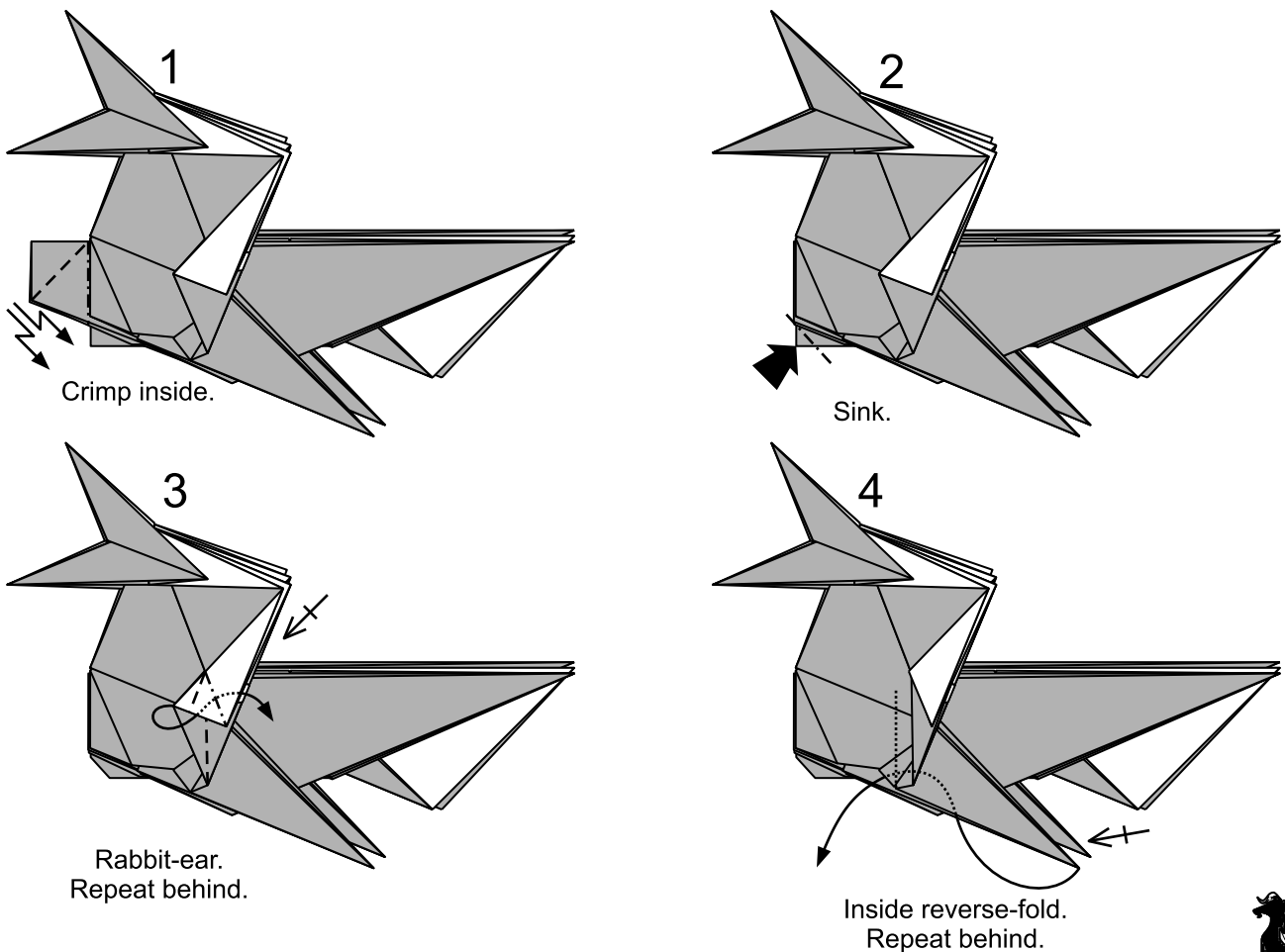


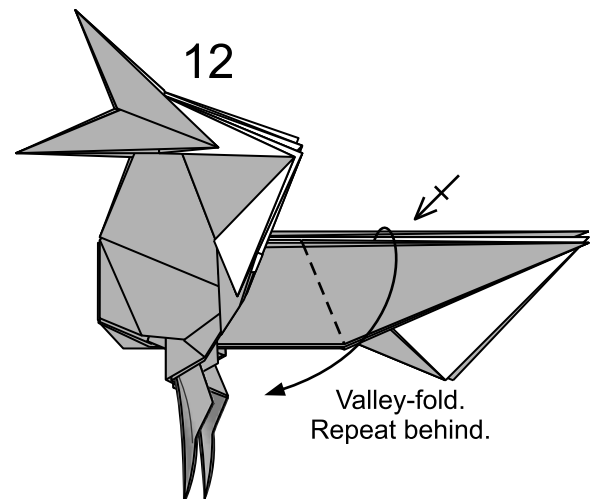
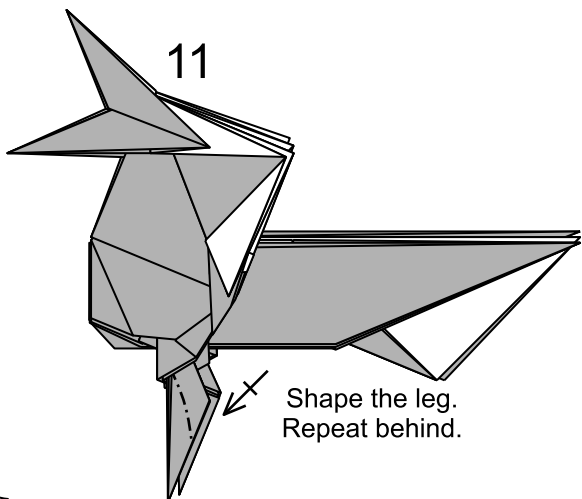
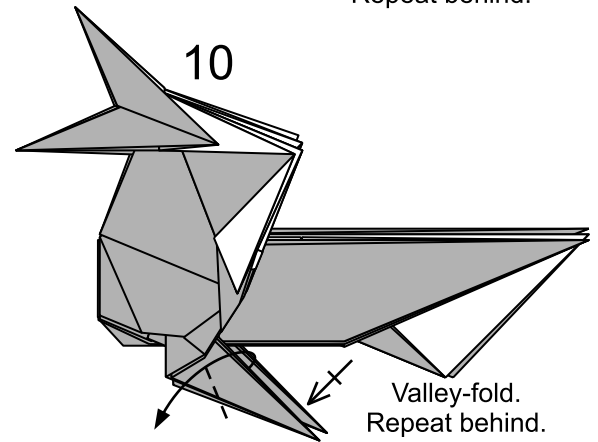
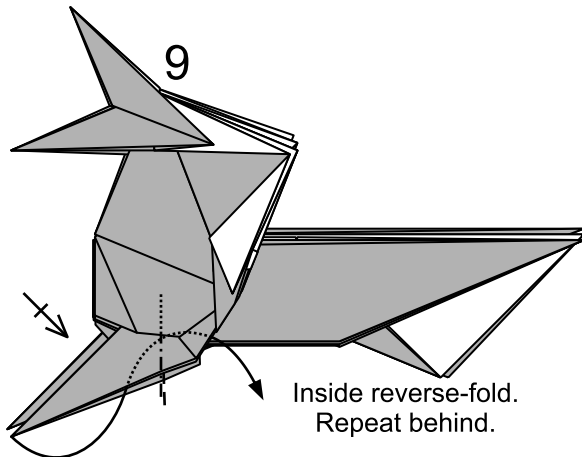
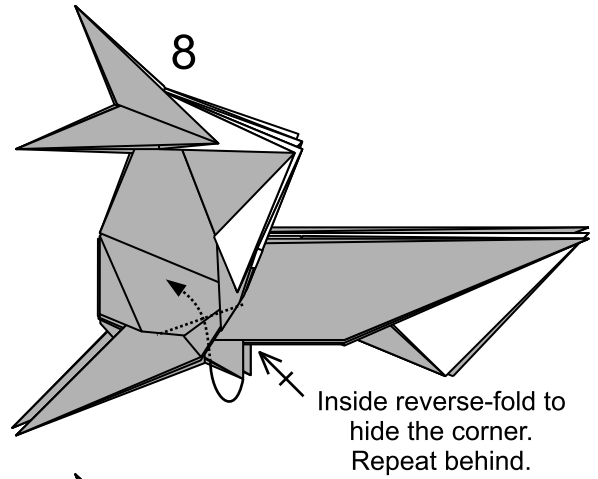
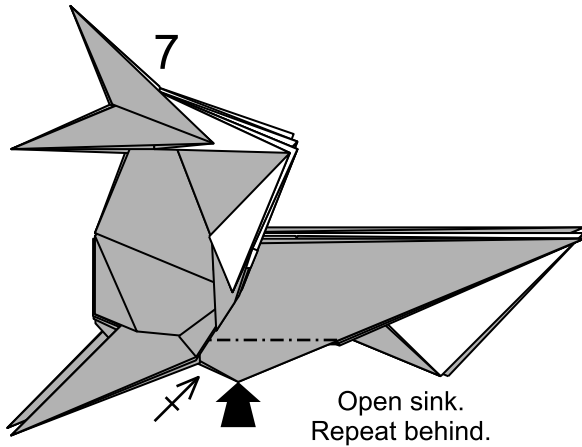
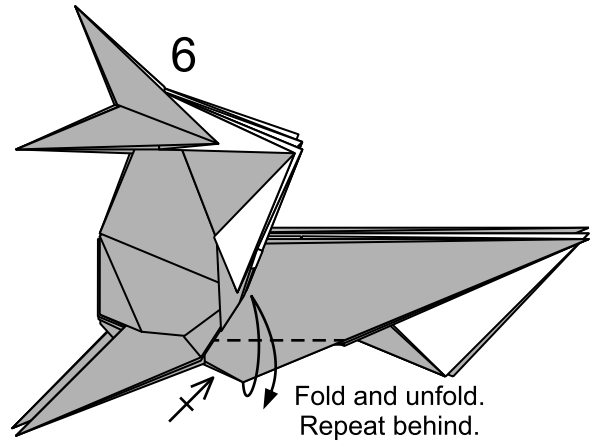
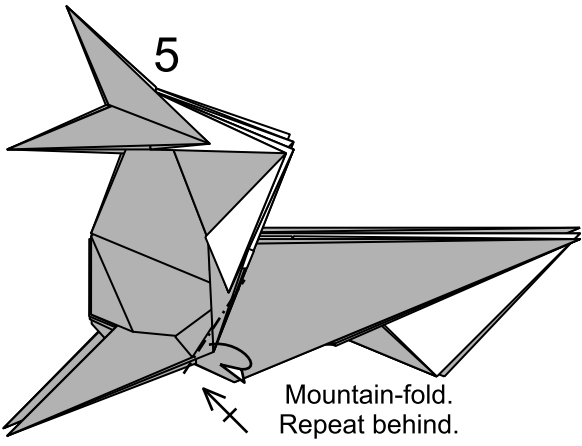
**CP hints:** Some hints to help you solve the CP!

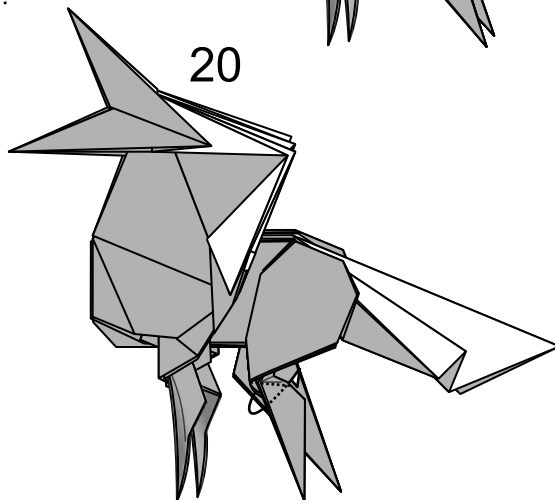
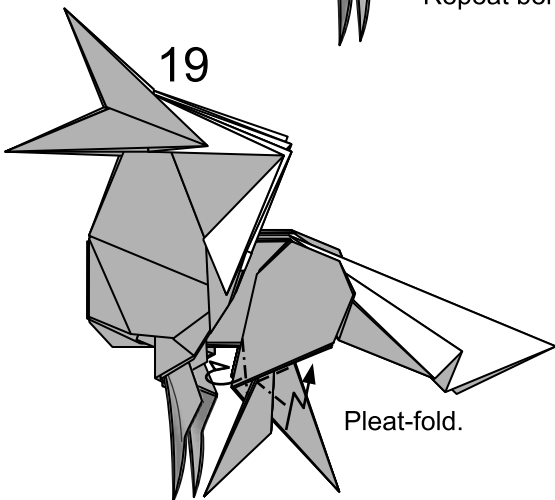
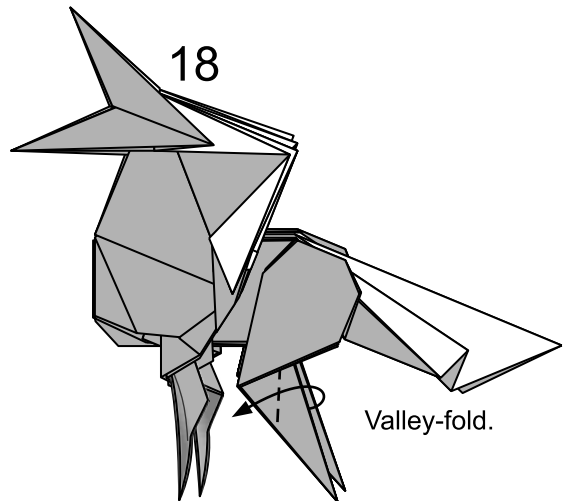
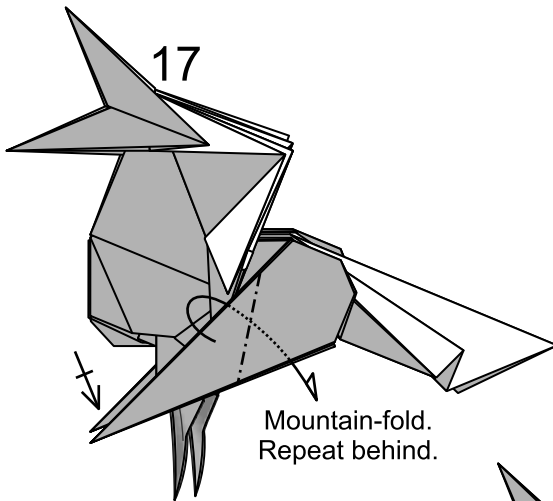
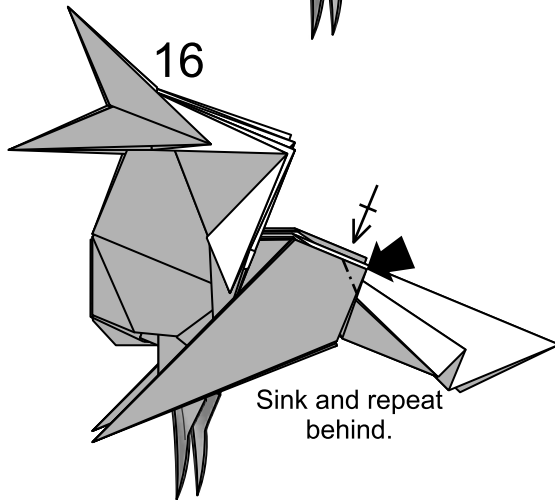
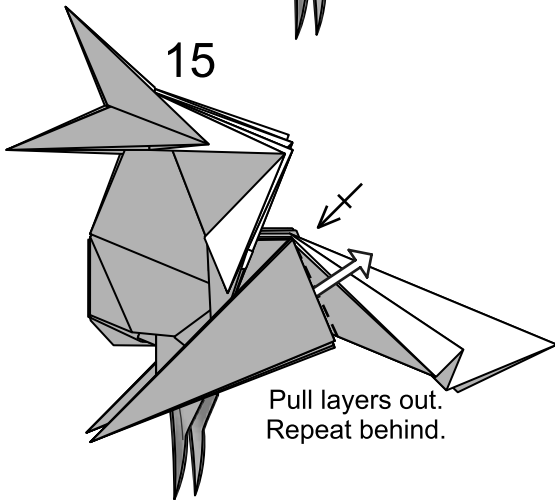
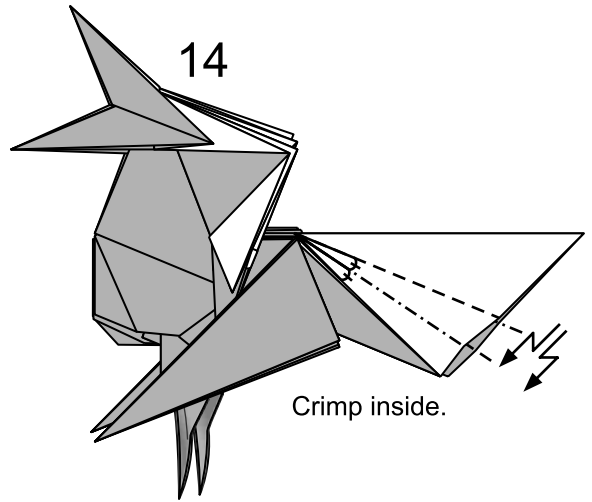
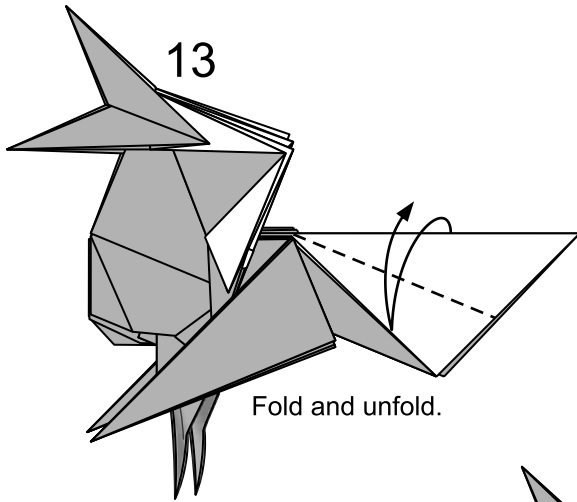
*Astuces CP : Quelques étapes pour vous aider à résoudre le CP!*

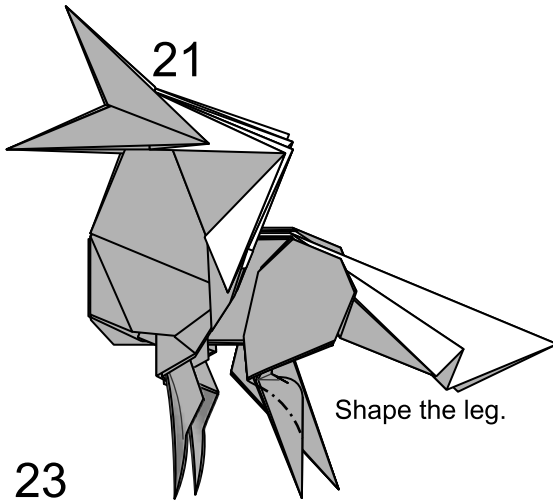


*Start from the base / Commencer avec la base pliée à partir du CP*



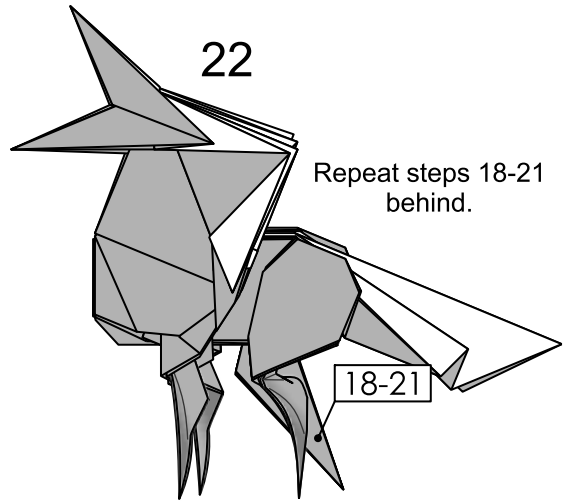






21

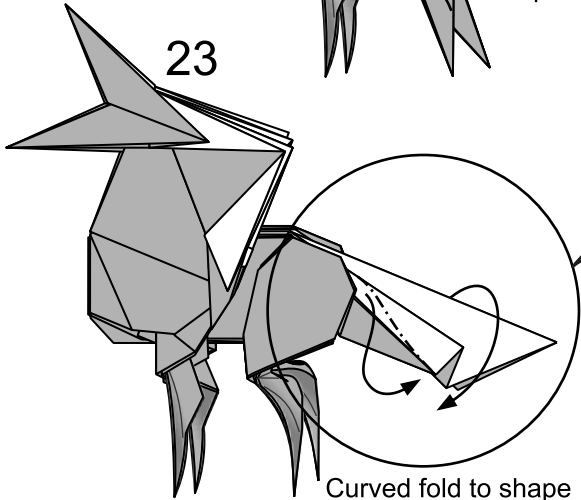
Shape the leg.



22

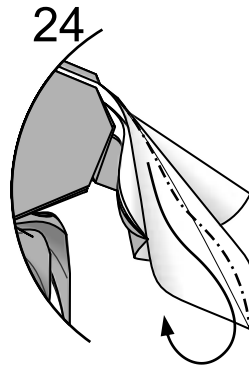
Repeat steps 18-21 behind.

18-21



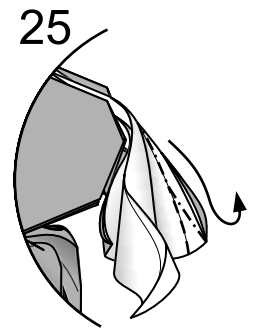
23

Curved fold to shape the tail.



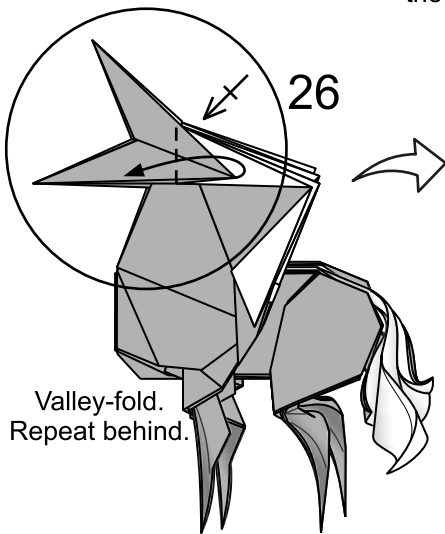
24

Curved fold to shape the tail.



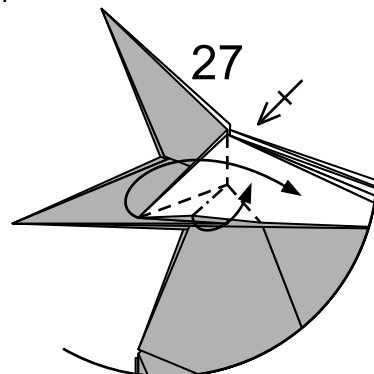
25

Rabbit-ear to shape the tail.



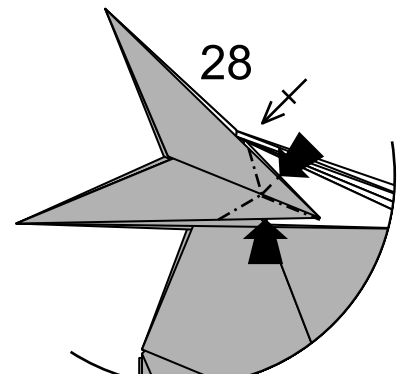
26

Valley-fold.  
Repeat behind.



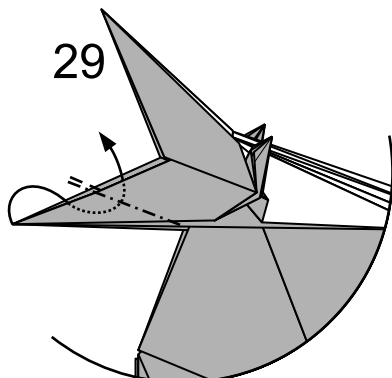
27

Rabbit-ear.  
Repeat behind.



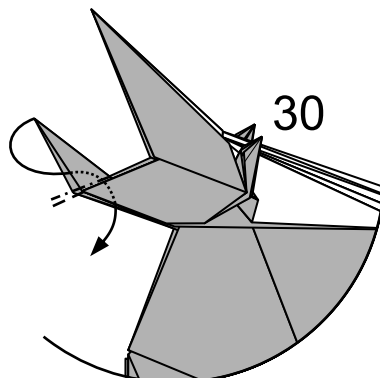
28

Double rabbit-ear.  
Repeat behind.



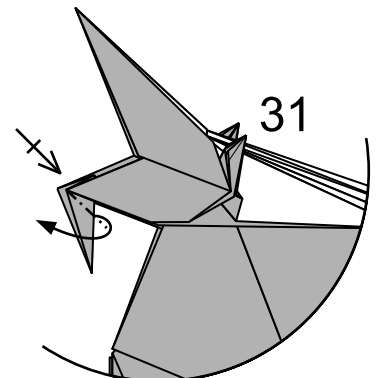
29

Inside reverse-fold.



30

Inside reverse-fold.

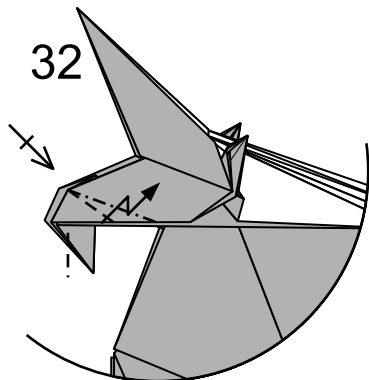


31

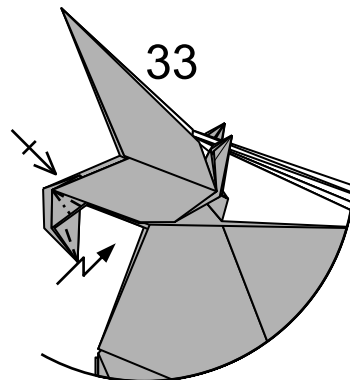
Pull out 2 layers.  
Repeat behind.



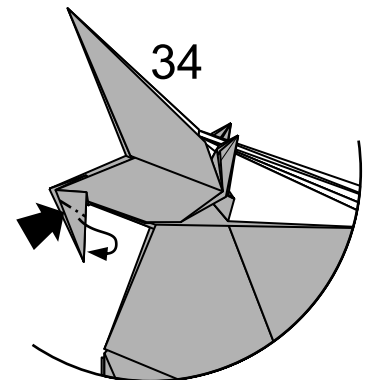




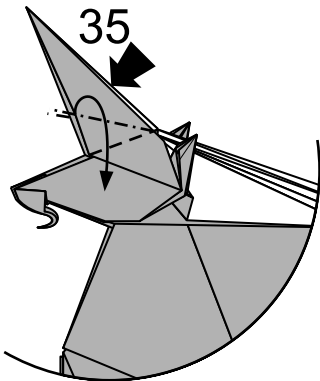
32  
Pleat-fold 2 layers.  
Repeat behind.



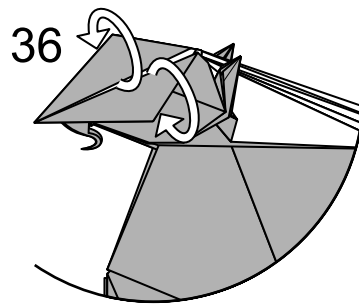
33  
Pleat-fold.  
Repeat behind.



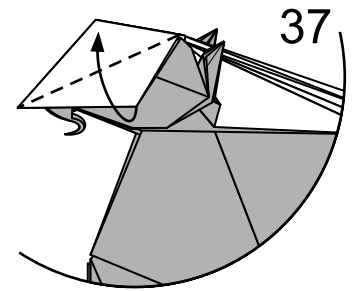
34  
Curved fold to shape  
the mouth.



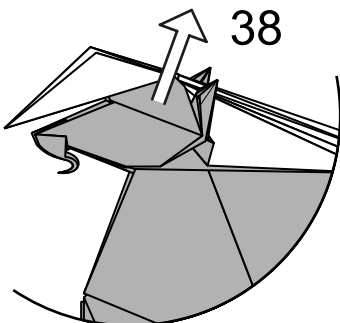
35  
Squash-fold.



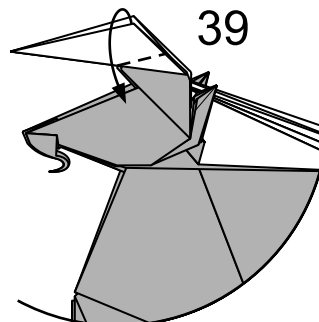
36  
Reverse the paper by  
wrapping the corners so  
the white side shows.



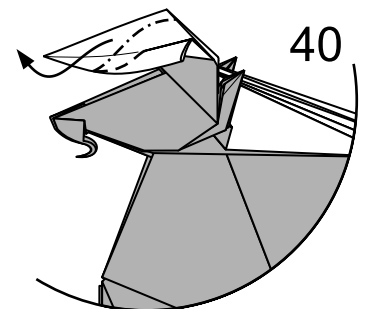
37  
Valley-fold.



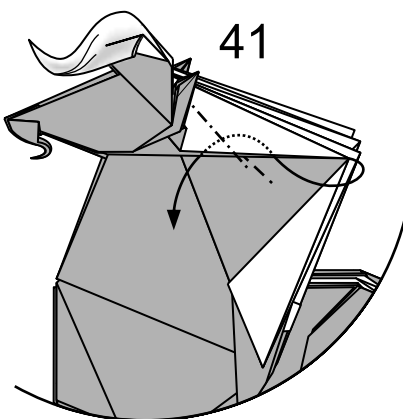
38  
Pull the flap up.



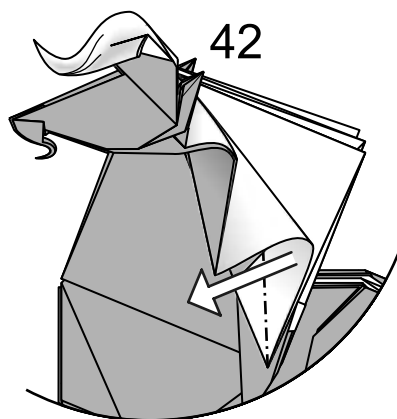
39  
Valley-fold.



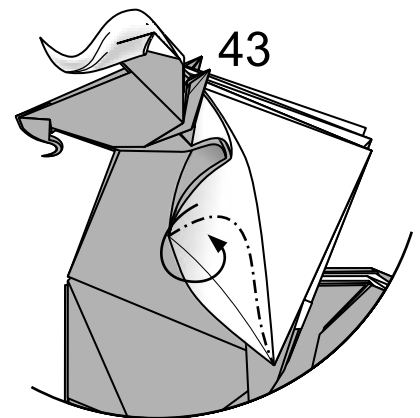
40  
Pleat-fold and shape  
the top mane.



41  
Inside reverse-fold.

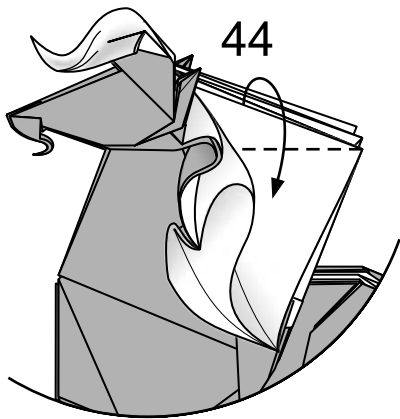


42  
Pull layer out.

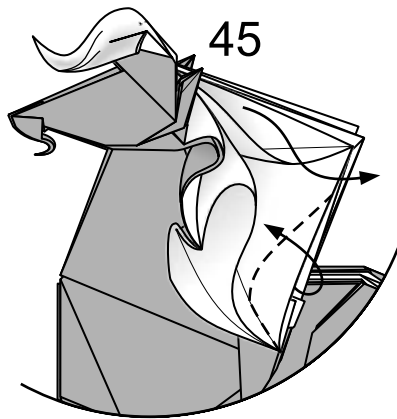


43  
Curved fold to shape  
the mane.

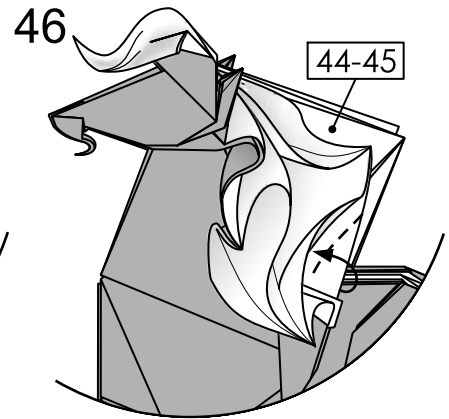




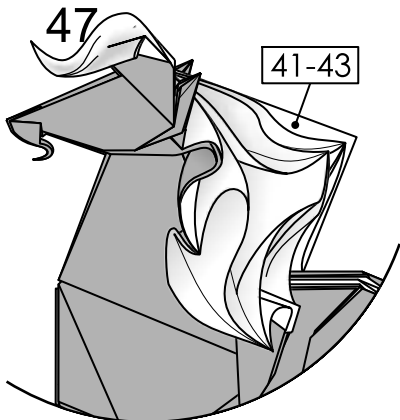
44  
Valley-fold.



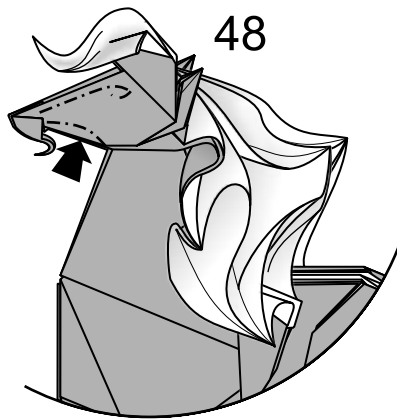
45  
Valley-fold and shape the mane.



46  
Shape the mane.  
Repeat steps 44-45 on other flap.



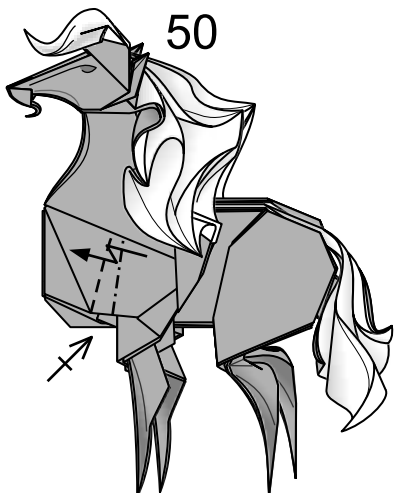
47  
Repeat steps 41-43  
on other flap.



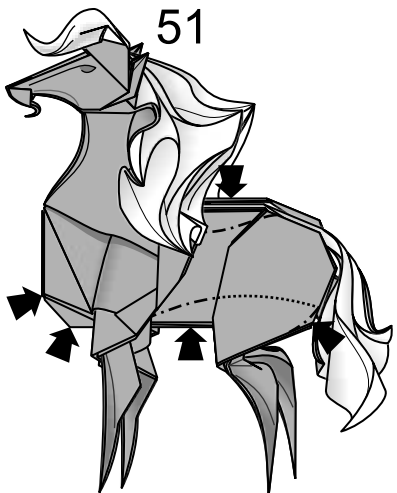
48  
Shape the eyes and  
cheek.



49  
Shape the neck.



50  
Pleat-fold.  
Repeat behind.

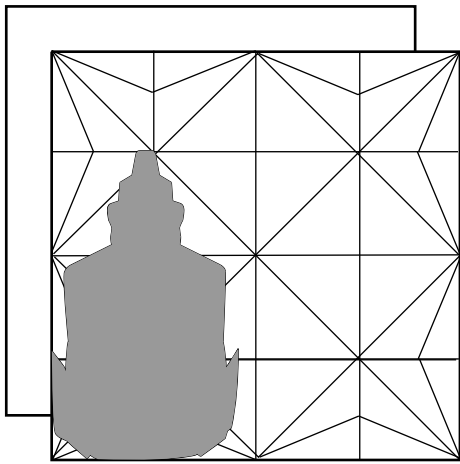


51  
Shape the chest and body.



52  
Completed.





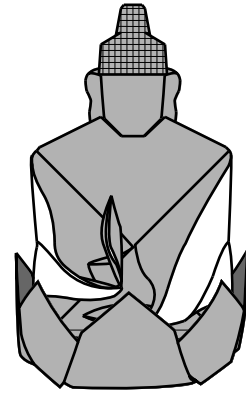
# Buddha

## Bouddha

Dang Viet Tan

2010

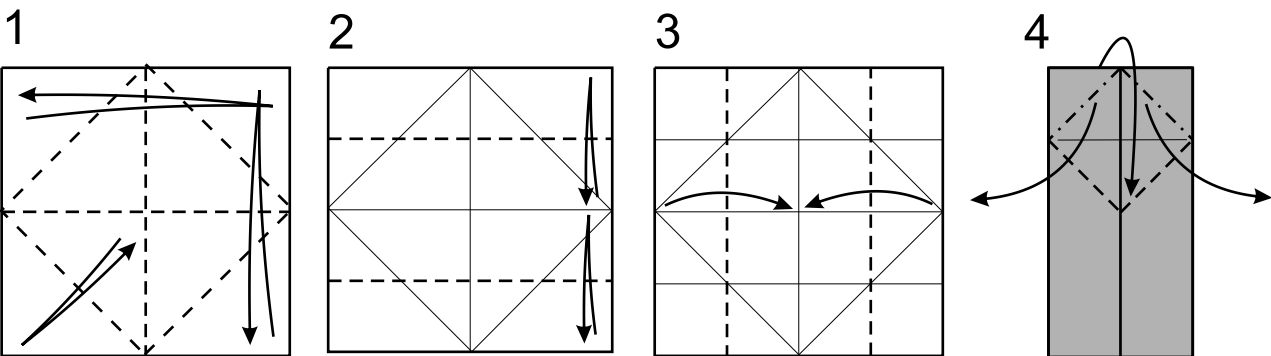
Level / Niveau : ★★  
 Time to fold / Pliage : 45min  
 Paper size /  
 Taille du papier : 20x20cm



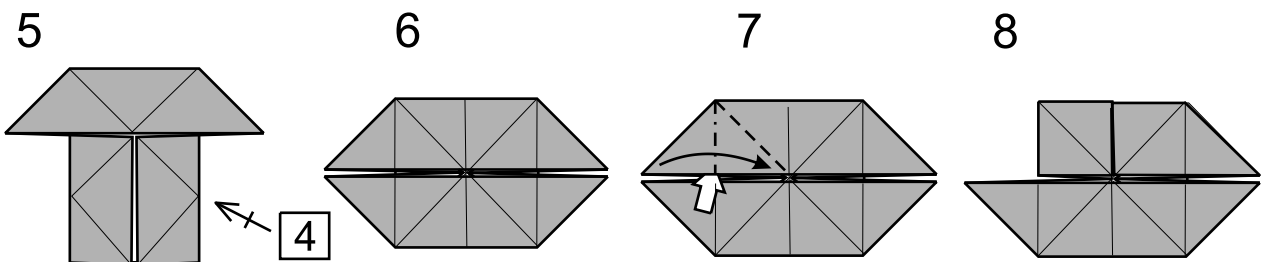
This model was designed in August 2011, for the Pig base contest of the VOG forum. I designed it from 2 pieces of the same size square paper. It is simple but it may prove quite difficult to achieve a good final model because of the shaping needed. I had some problems when folding the arms. For better results, try wet-folding. Have fun!

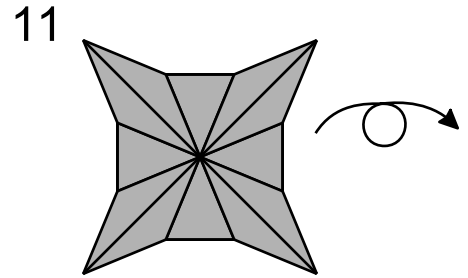
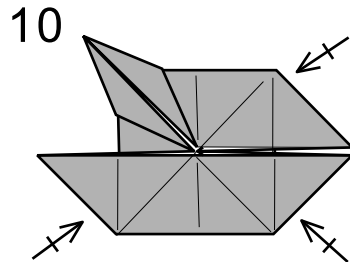
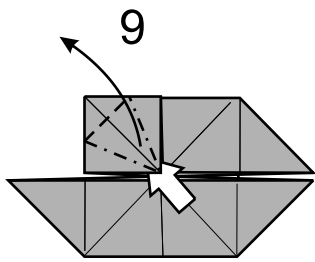
*Ce modèle a été créé en août 2011, lors d'un concours proposé sur le forum VO où il fallait réaliser un modèle à partir de la base du cochon. Je l'ai conçu à partir de deux morceaux carrés de même taille. Il est simple à plier. En revanche, la mise en valeur du modèle par le modelage final peut se révéler plus difficile. J'ai eu quelques problèmes lors du pliage d'un des bras. Pour de meilleurs résultats, pliez le avec la technique du pliage humide. Amusez-vous !*

# Lotus

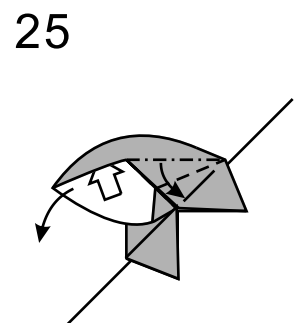
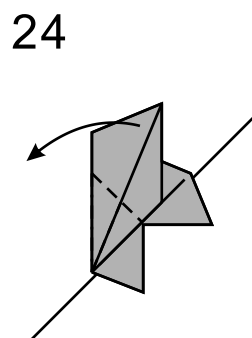
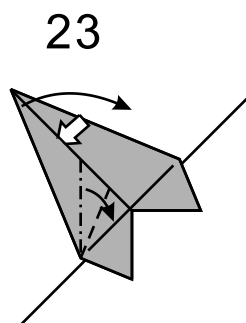
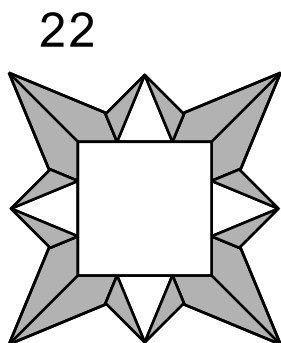
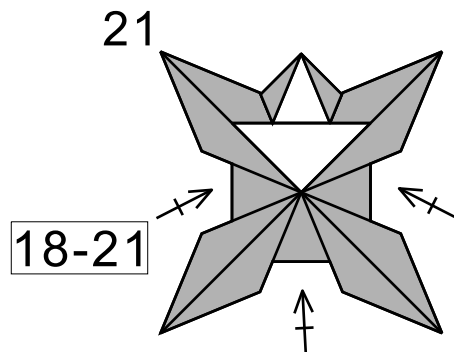
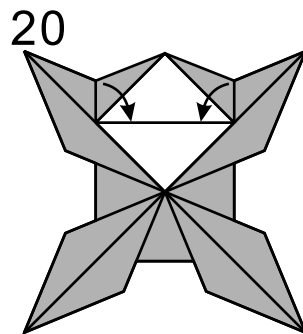
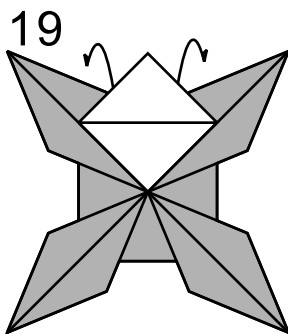
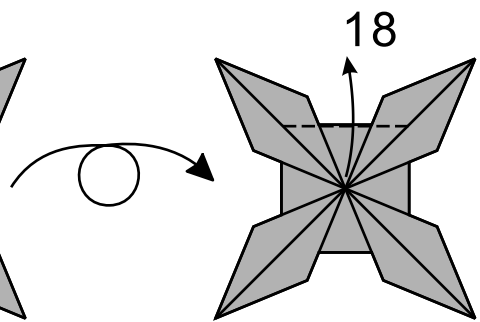
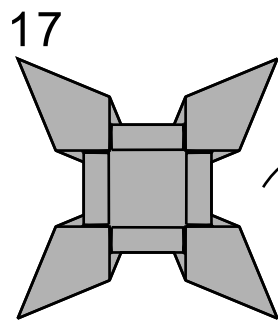
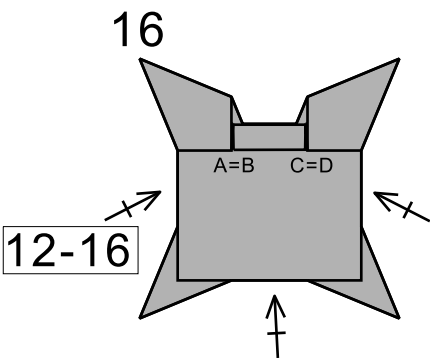
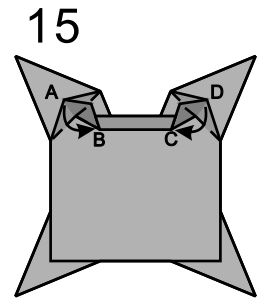
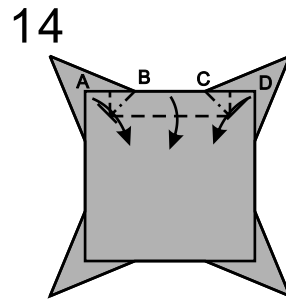
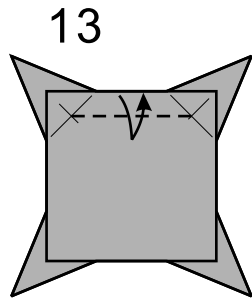
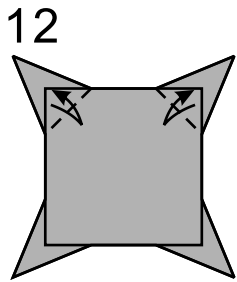


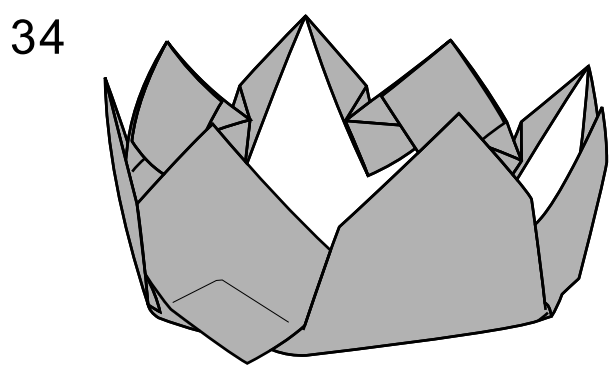
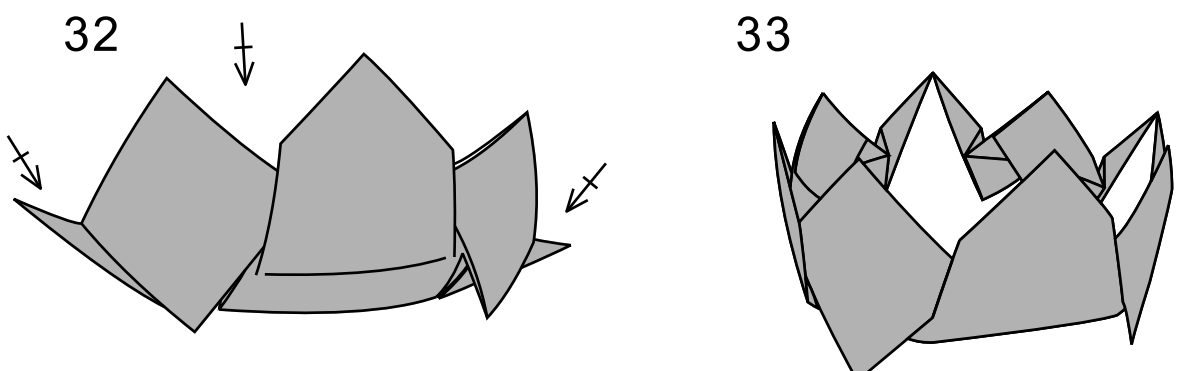
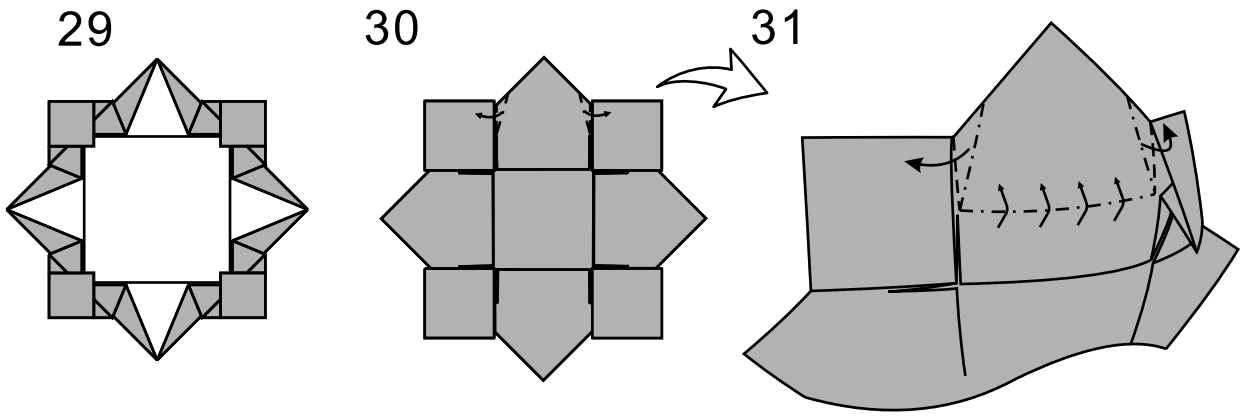
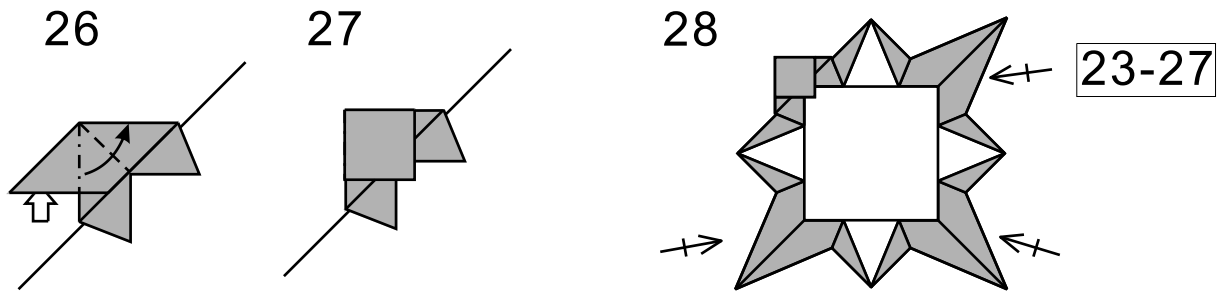
Fold medians and unfold. Fold corners to center and unfold.



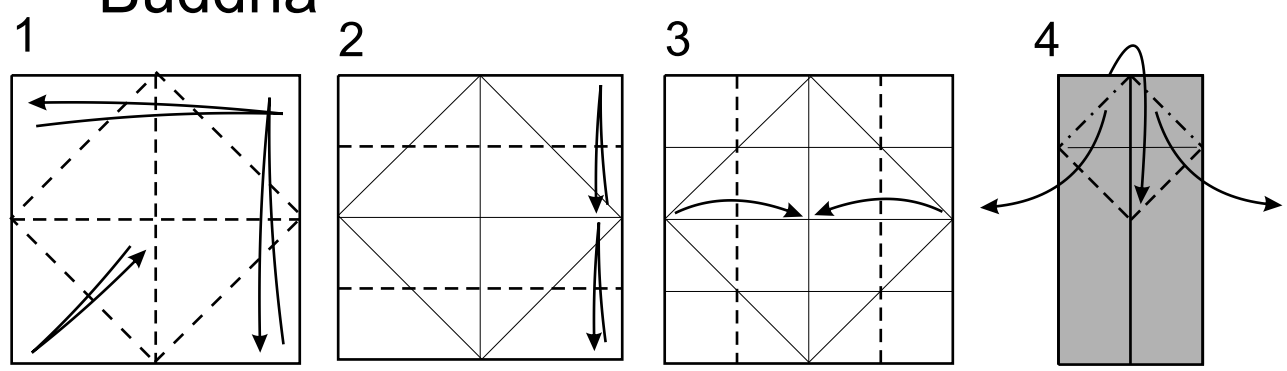


7-9



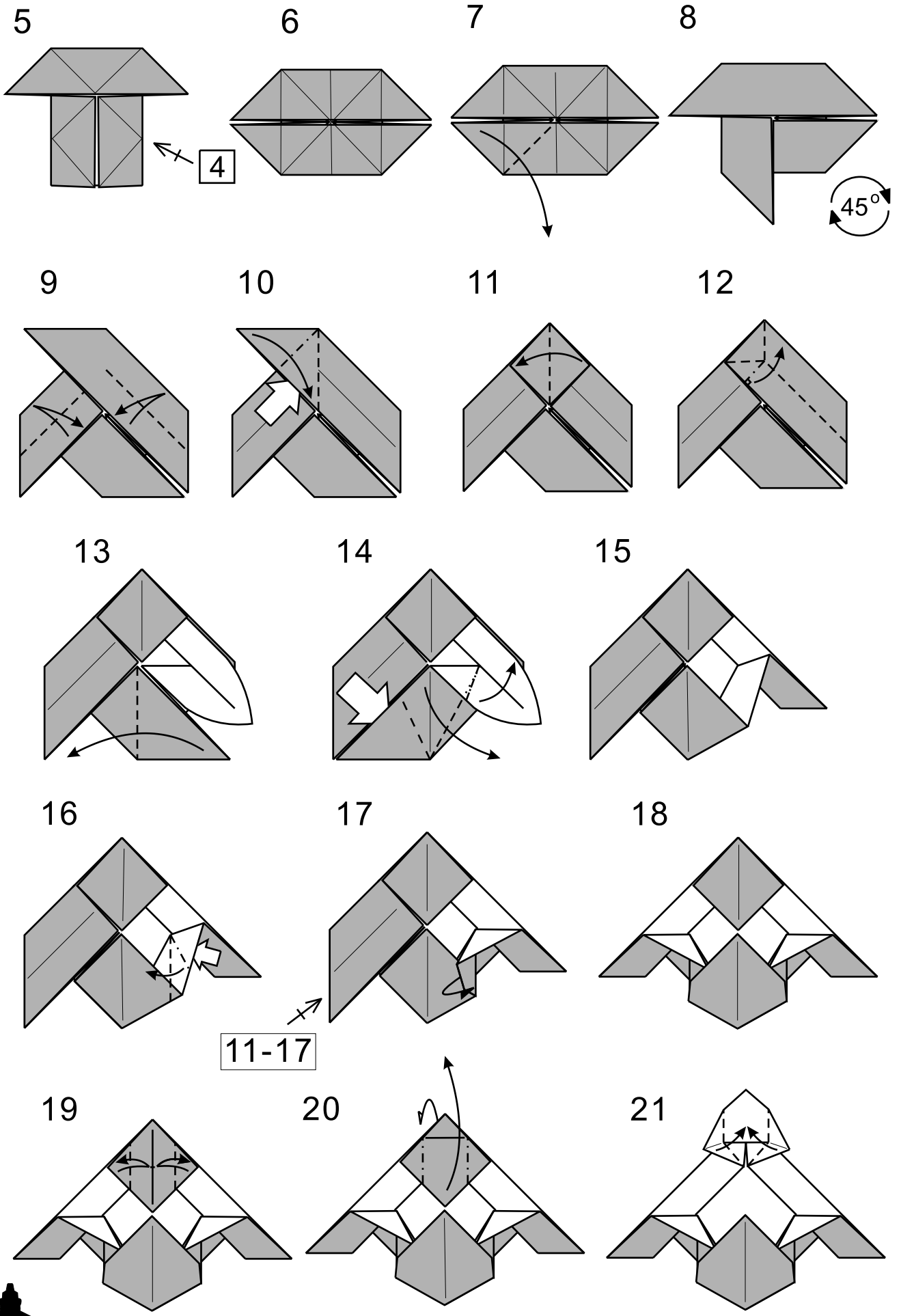


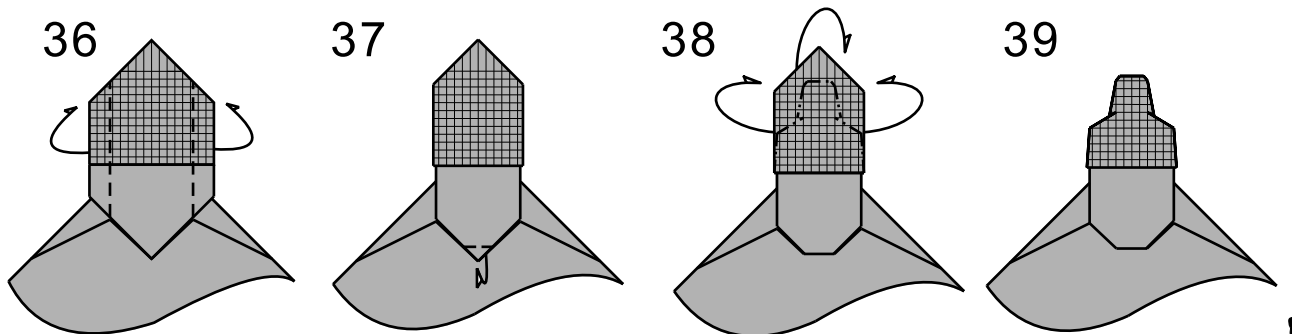
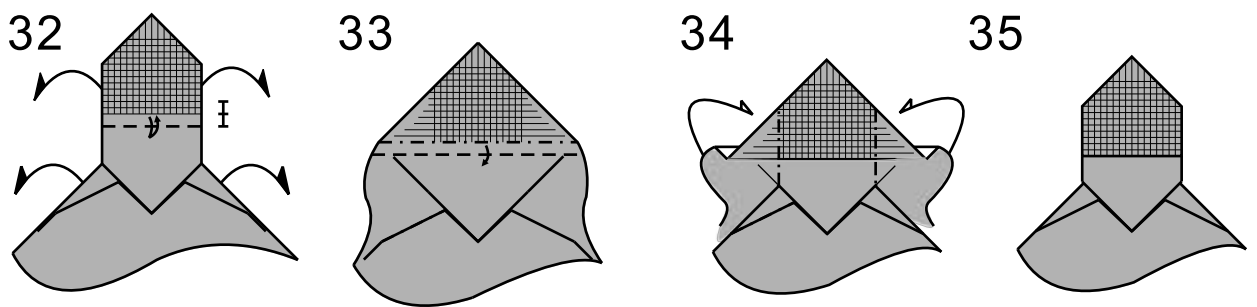
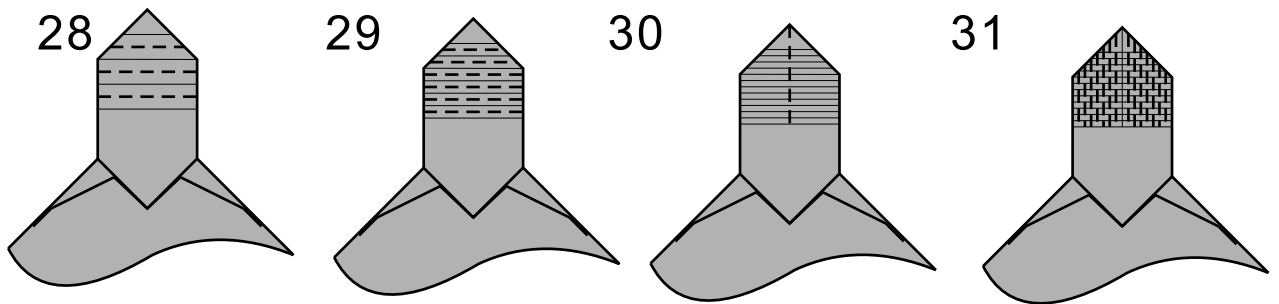
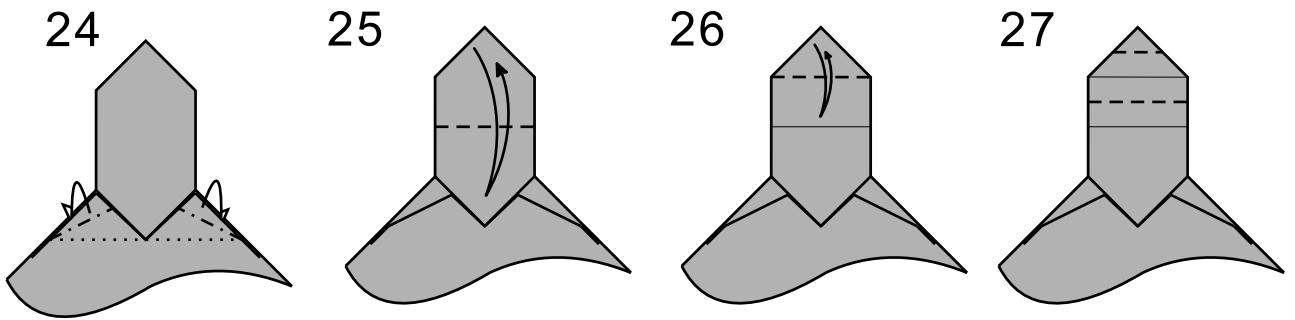
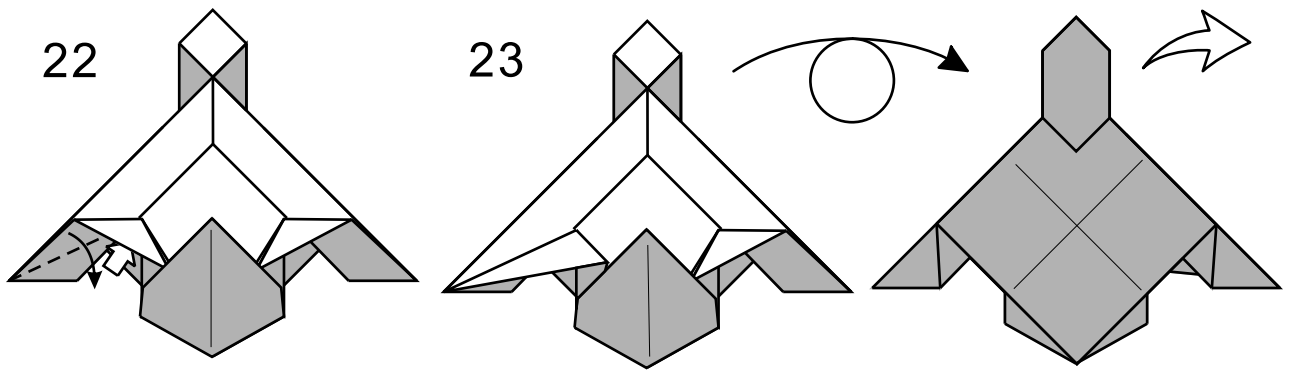
## Buddha

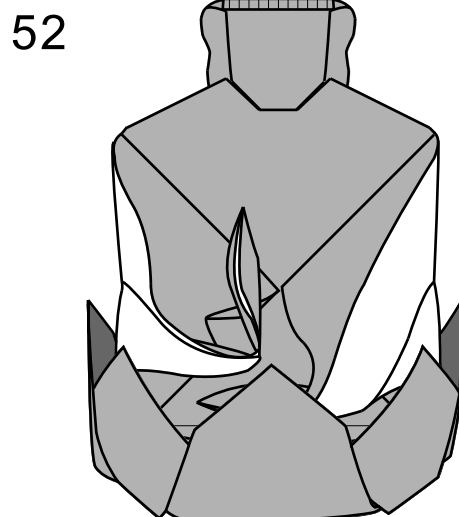
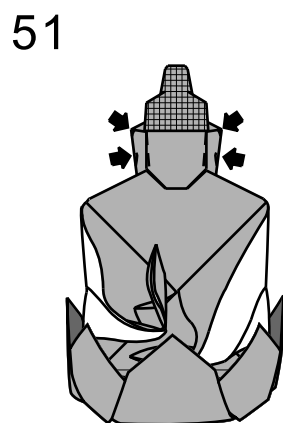
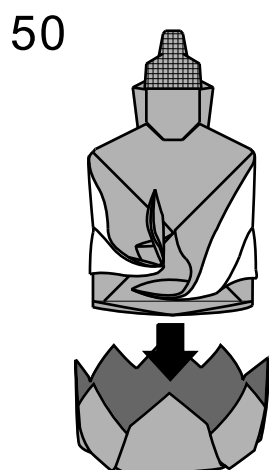
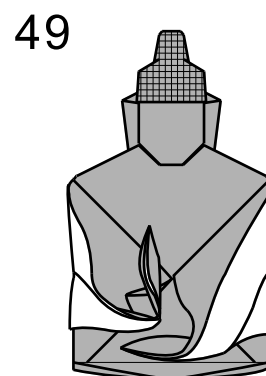
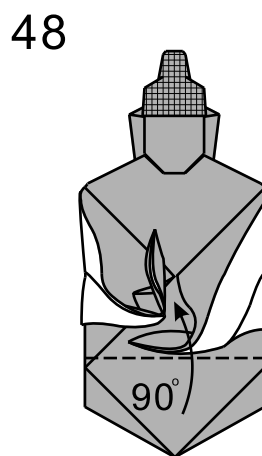
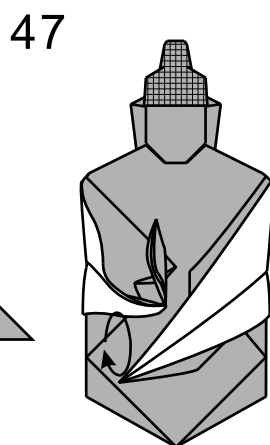
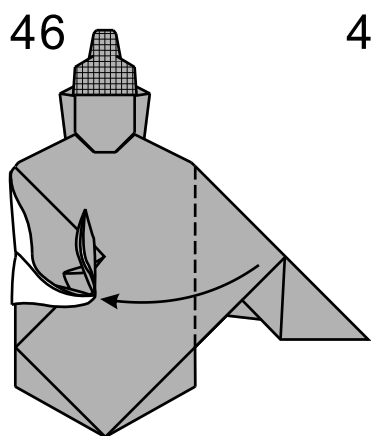
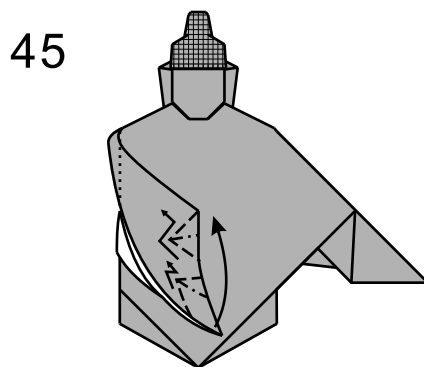
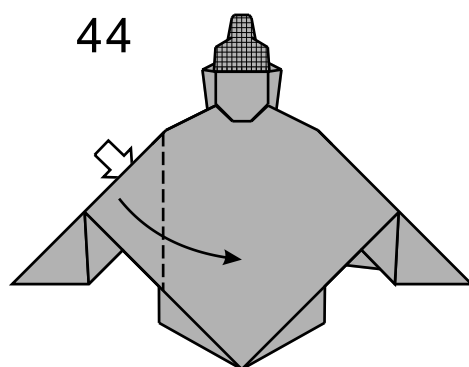
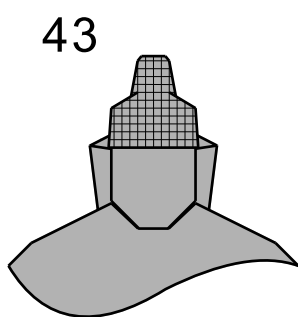
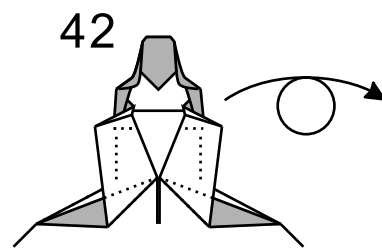
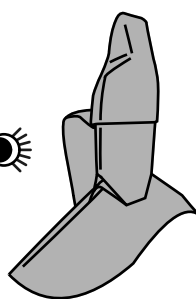
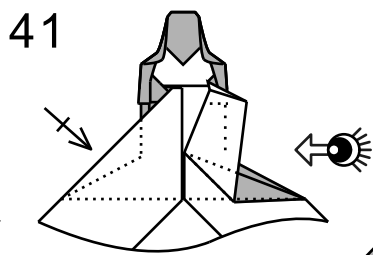
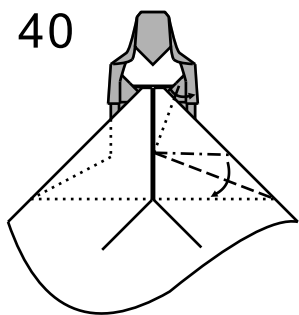


Fold medians and unfold. Fold corners to center and unfold.

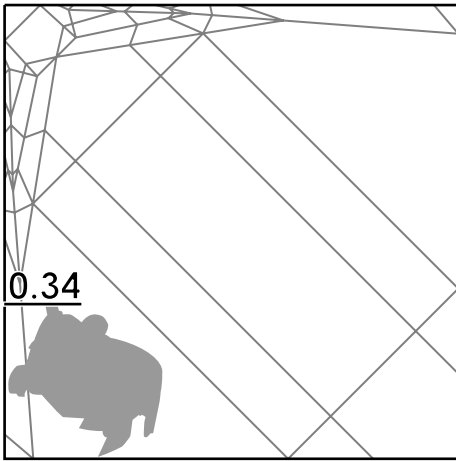










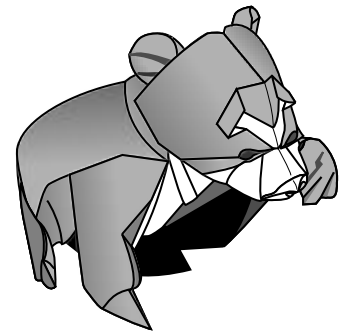


# Spectacled Bear

Ours à lunettes

Dao Cuong Quyet

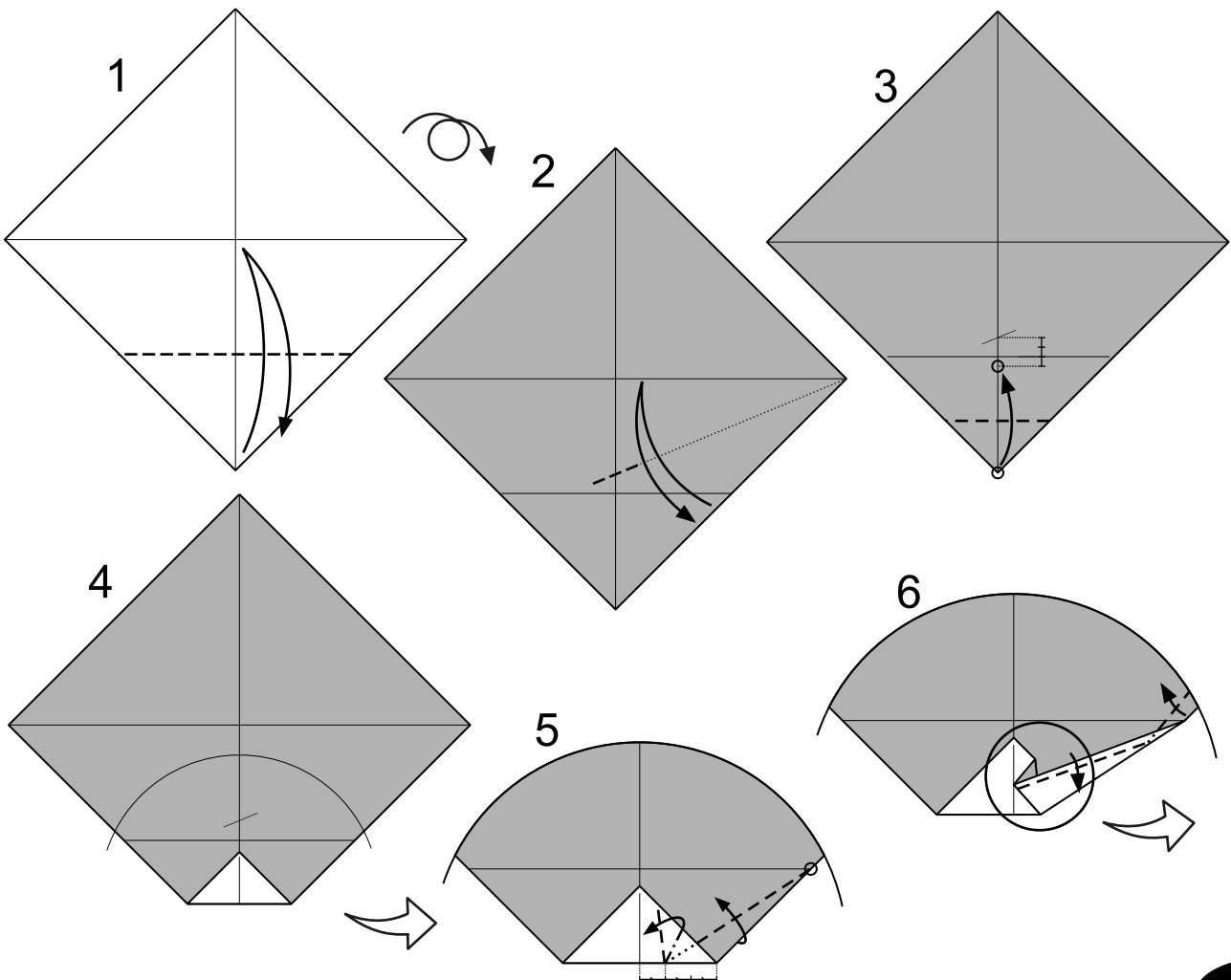
05/09/2009

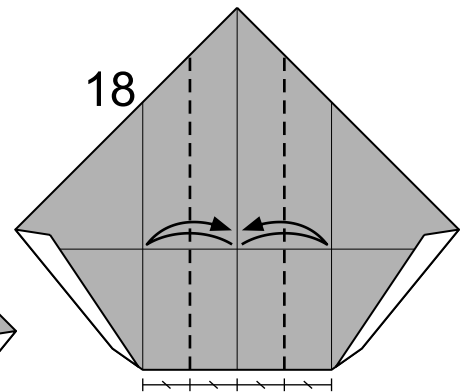
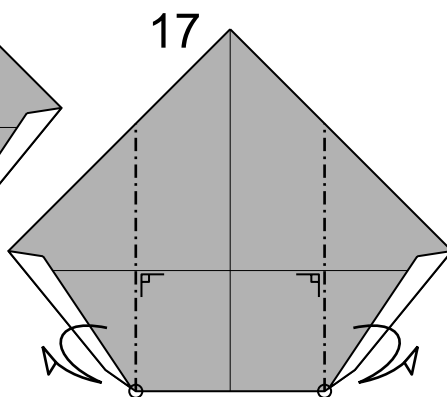
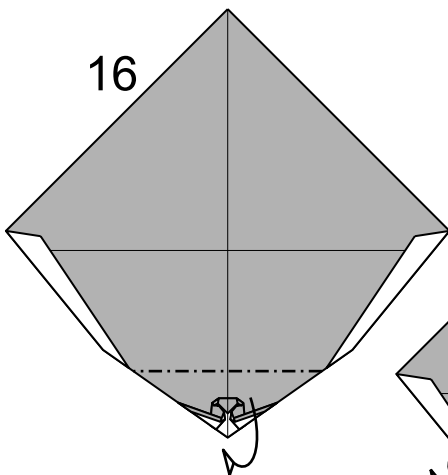
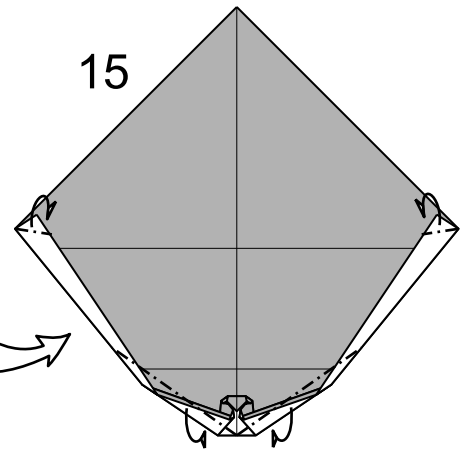
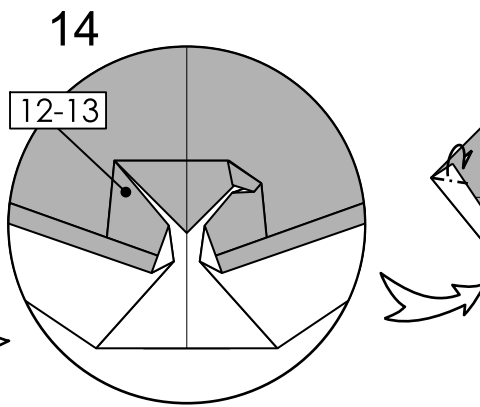
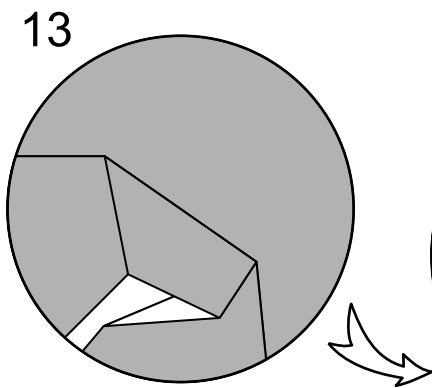
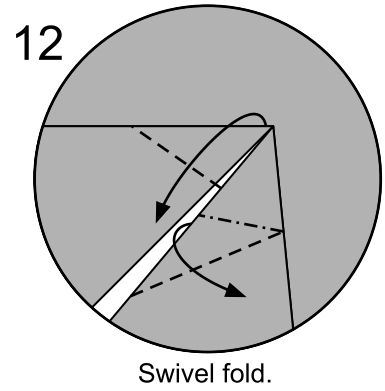
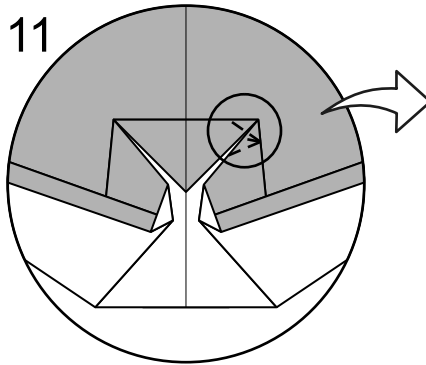
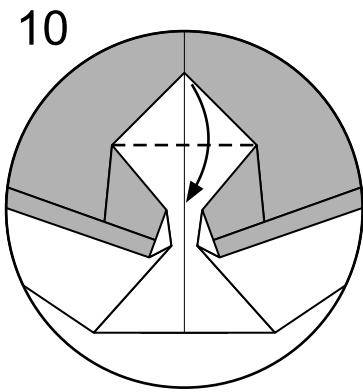
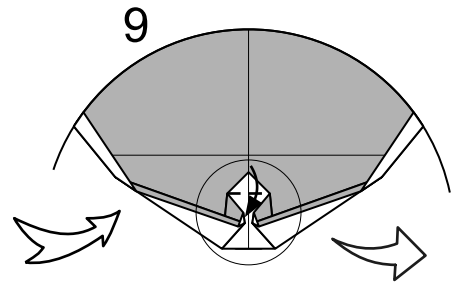
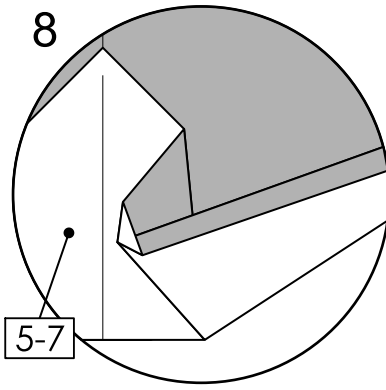
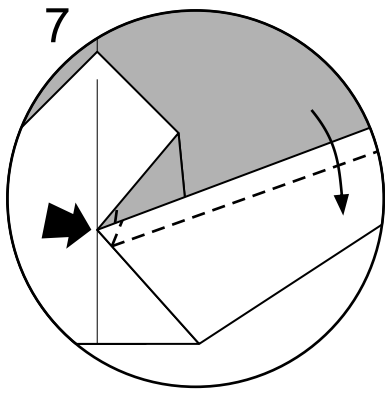


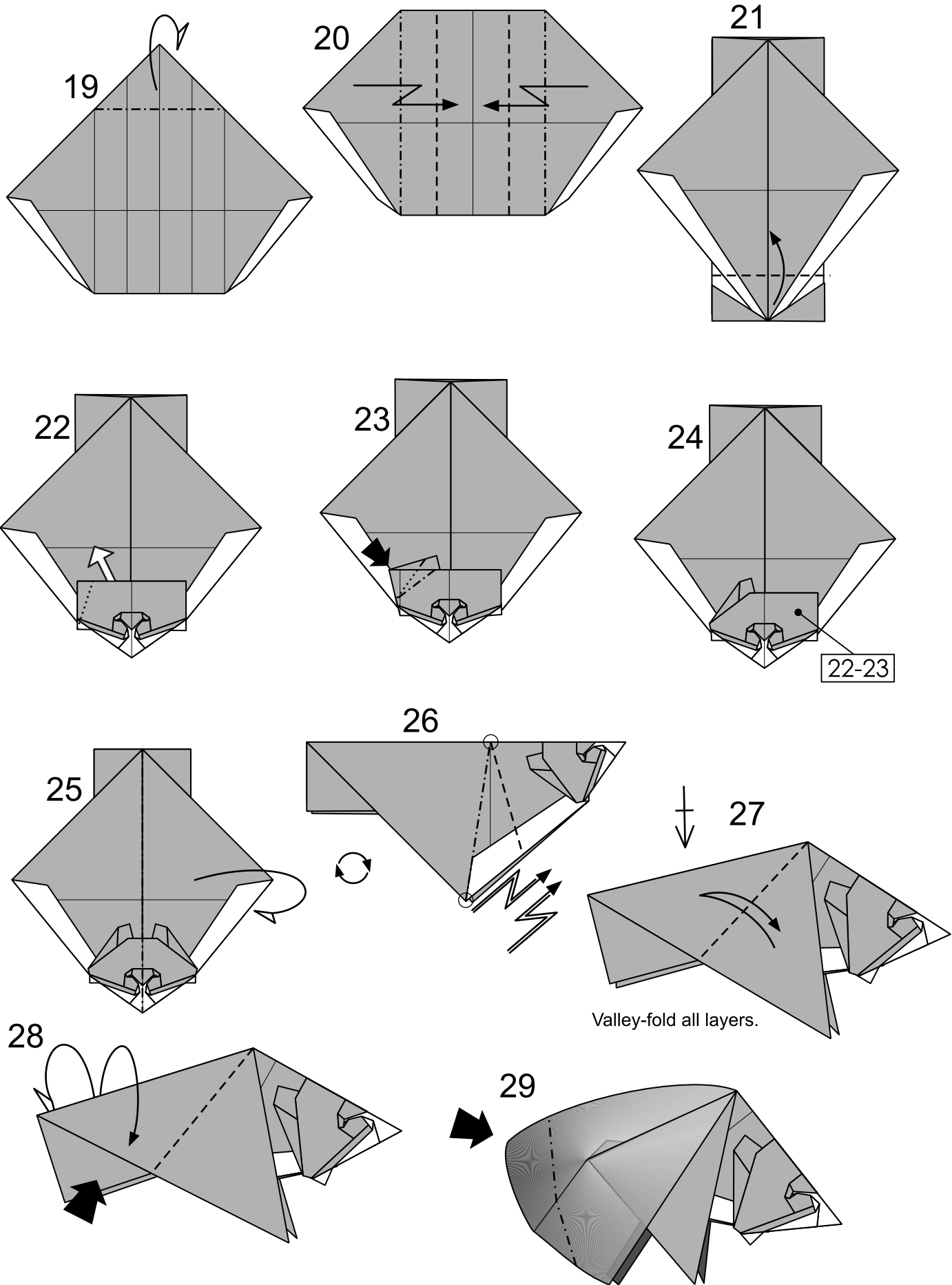
Level / Niveau : ★★★  
 Time to fold / Pliage : 2h  
 Paper size / Taille du papier : 50x50cm

I designed this model in 2009 for the “Spectacled Bear War” competition organized by Origami Columbia to raise awareness about this endangered species. In order to capture the distinctive beige-colored marking across its face, this model is folded from duo paper. Notes: start with a square of at least 50 cm side length so you can work on small details of the face.

J'ai conçu ce modèle en 2009 pour le concours de création d'un ours à lunettes, organisé par “ Origami Columbia” dont le but était de nous sensibiliser à cette espèce menacée. Pour bien marquer les motifs spécifiques de couleur beige sur son museau, ce modèle doit être plié avec un papier duo. Note : commencez avec au moins un carré de 50x50 cm afin que vous puissiez travailler les détails du museau.



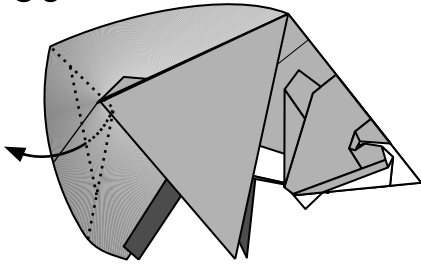




The model doesn't stay flat.  
Inside reverse-fold.

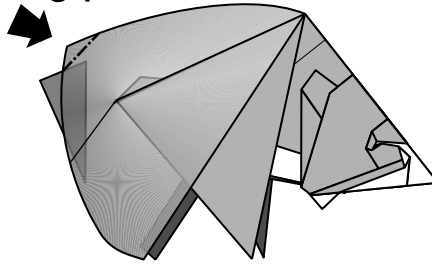


30



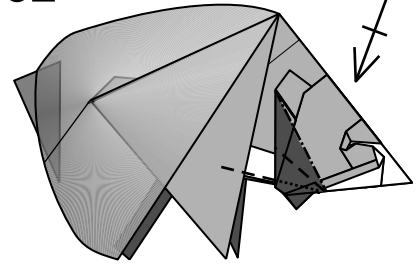
Inside reverse-fold the hidden corner.

31



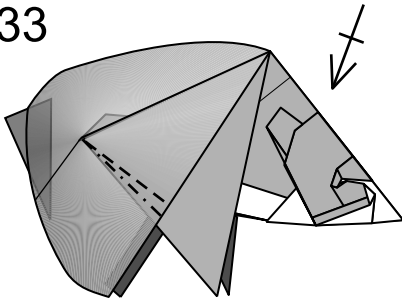
Inside reverse-fold to round the back.

32



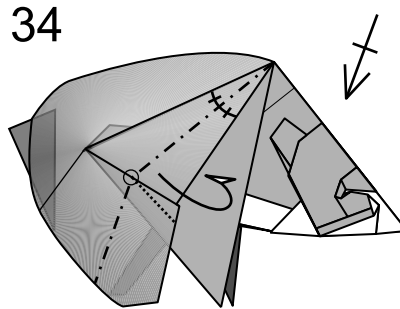
Swivel-fold the dark part of the head as far as possible to reduce the width of the head. Repeat behind.

33



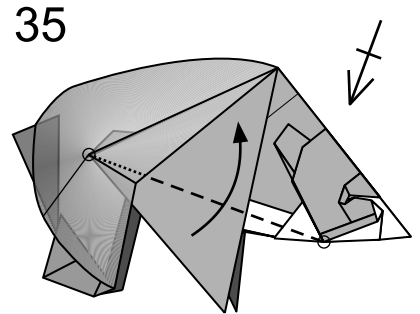
Swivel-fold the back leg. Repeat behind.

34



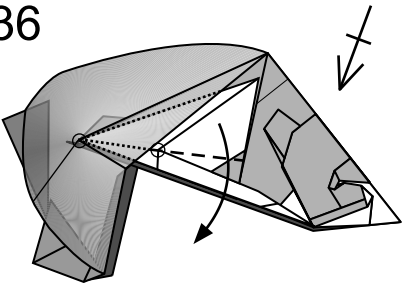
Mountain-fold along angle bisector. The back leg can be mountain-folded inside with a small swivel fold from the circle reference point.

35



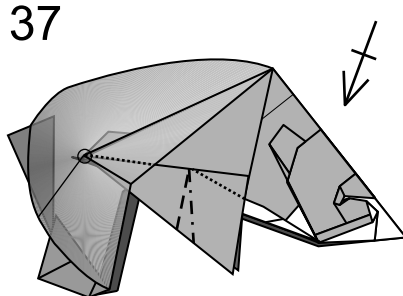
Valley-fold the front legs. Repeat behind.

36



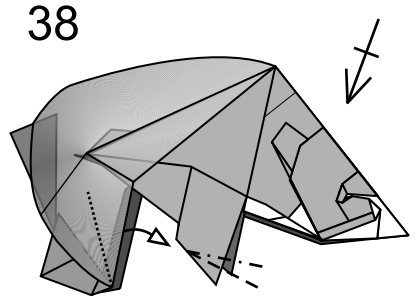
Valley-fold the white flap of the front legs. Repeat behind.

37



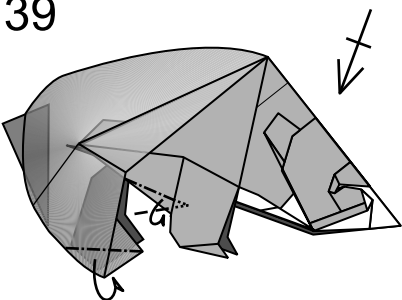
Swivel-fold the front leg. Repeat behind.

38



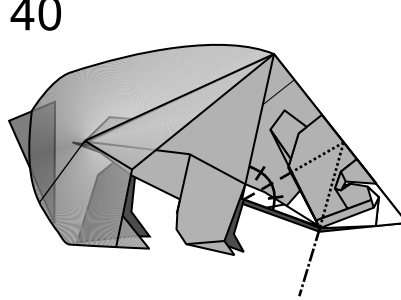
Swivel-fold the front leg for the toes. Fold the hidden flap of the back legs. Repeat behind.

39



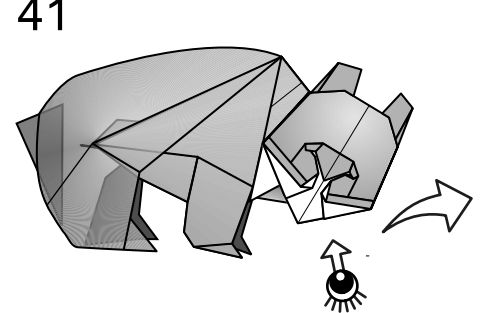
Mountain-fold the back leg. Swivel-fold the belly. Repeat behind.

40



Swivel-fold the neck. DO NOT repeat behind.

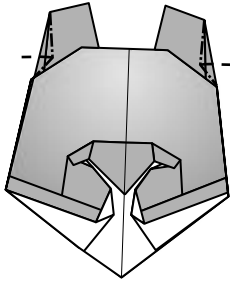
41



Focus on the head.

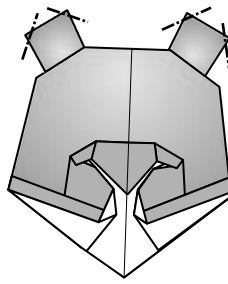


42



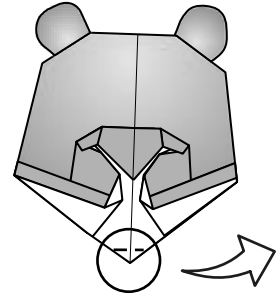
Swivel-fold one side of ears to round them. They become slightly 3D.

43



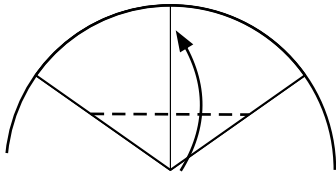
Round the ears with mountain-folds.

44

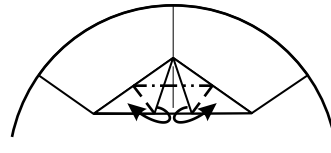


Focus on the nose.

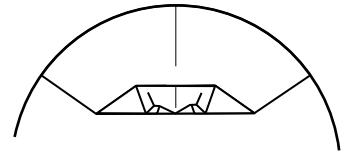
45



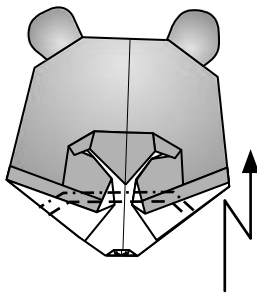
46



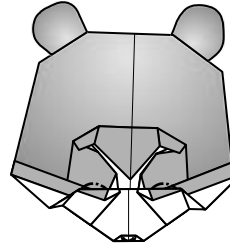
47



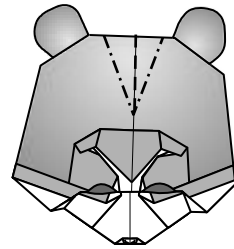
48



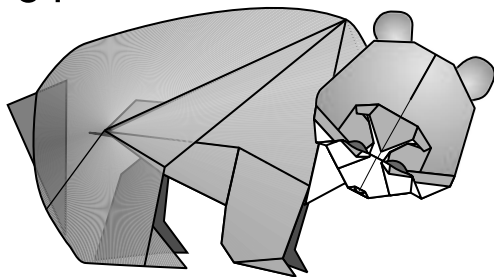
49



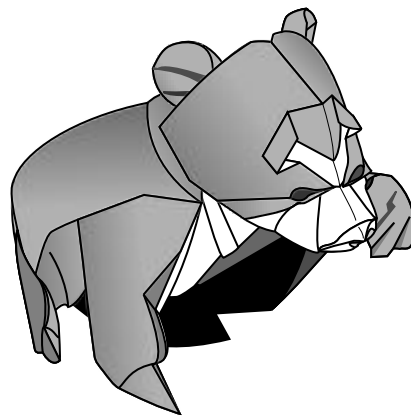
50

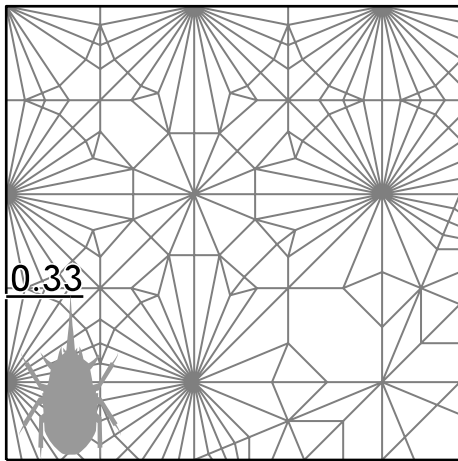


51



Bear completed.  
You can shape the head and legs to obtain many different bears.



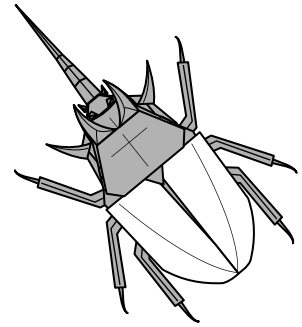


# Eupatorus gracilicornis

Dao Cuong Quyet

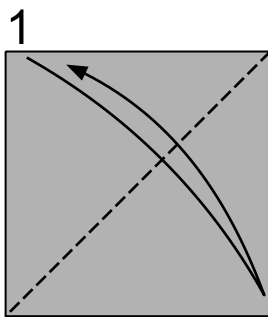
2006

Level / Niveau : ★★★★★  
 Time to fold / Pliage : 2h  
 Paper size /  
 Taille du papier : 35x35cm

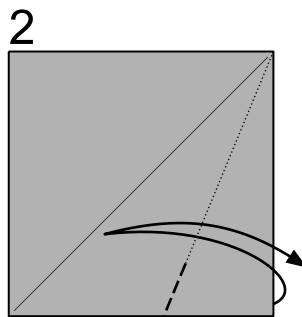


This is one of my favorite insect models, created in 2006. Over the years I have improved the model so that the proportions are quite realistic as well as adding a color-changed body.

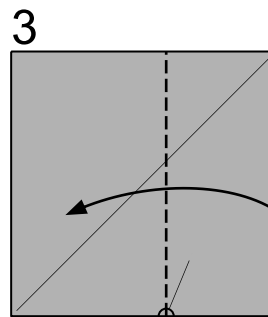
*C'est un de mes modèles d'insectes favori, créé en 2006. Au fil des ans, je l'ai amélioré afin que ses proportions soient proches du véritable insecte tout en proposant un changement de couleur pour le corps.*



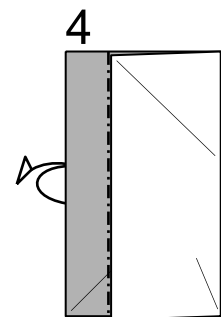
1  
Color side up.  
Fold and unfold.



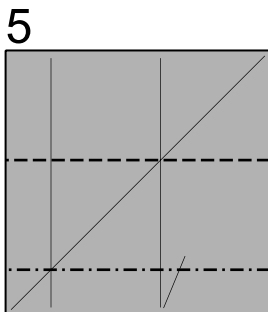
2  
Fold and unfold.



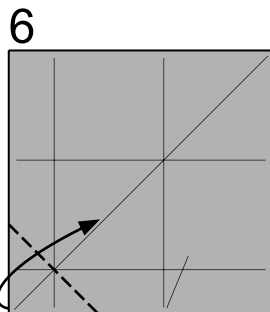
3  
Fold the edge to the right.



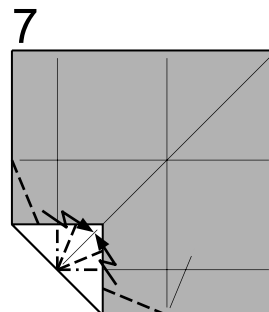
4  
Mountain-fold on the edge. Open to the initial square.



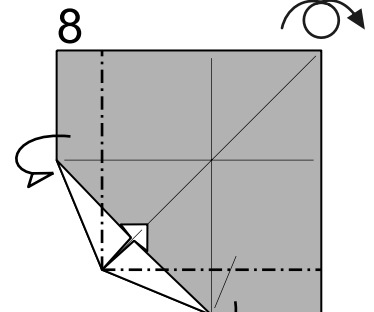
5  
Repeat steps 3 to 4 using existing intersections.



6  
Fold the corner up using the intersection of the creases as a reference.

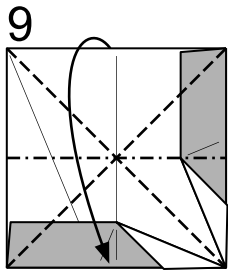


7  
Swivel-folds.

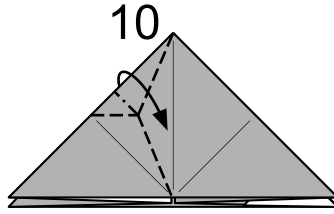


8  
Fold the edges behind. Turn over.

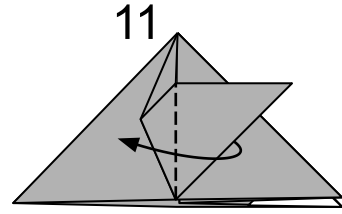




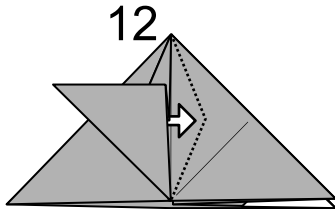
9 Fold a water-bomb base.



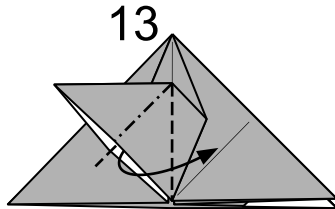
10 Rabbit-ear.



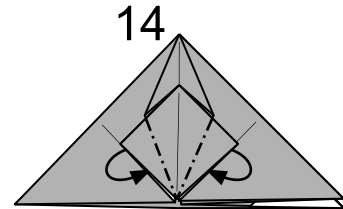
11 Fold the corner to the left.



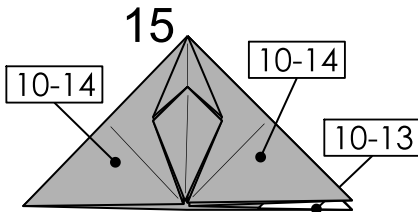
12 Unsink one layer.



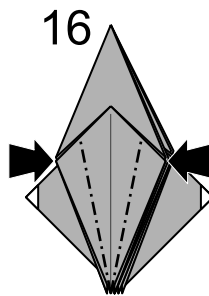
13 Open and squash.



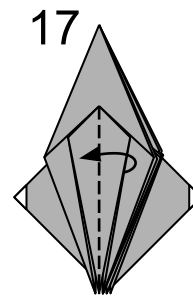
14 Inside reverse-folds.



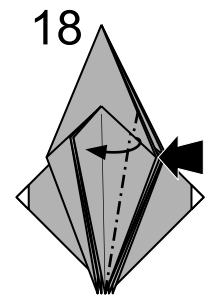
15 Repeat steps 10 to 14 on 2 sides and 10 to 13 behind.



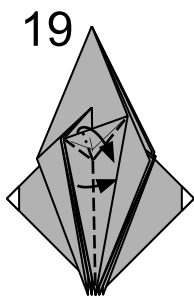
16 Open sink.



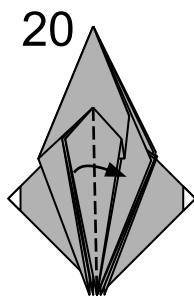
17 Fold one flap to the left.



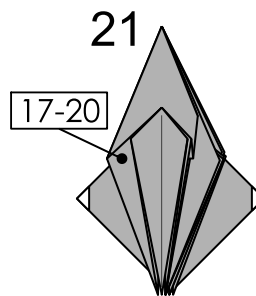
18 Open sink and squash.



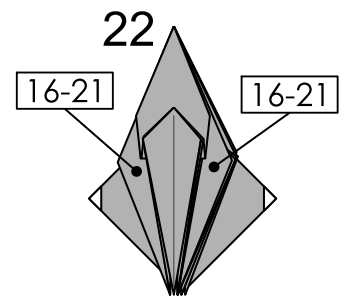
19 Rabbit-ear fold.



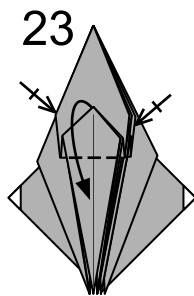
20 Fold one flap back to the right.



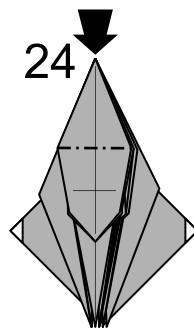
21 Repeat steps 17 to 20 on the other side.



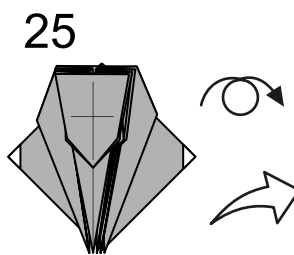
22 Repeat steps 16 to 21 on the left and on right.



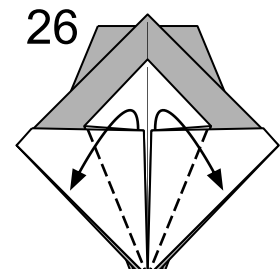
23 Fold the corner down. Repeat on the left and on the right.



24 Open sink.



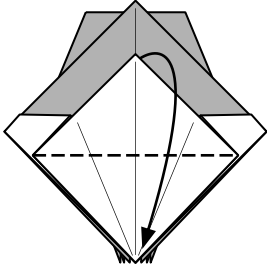
25 Turn over.



26 Fold the corner out.

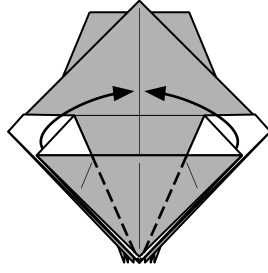


27



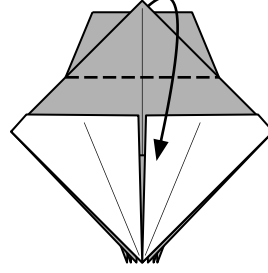
Fold the corner down.

28



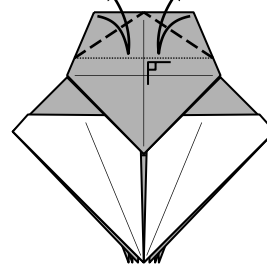
Fold the corners back to the center.

29



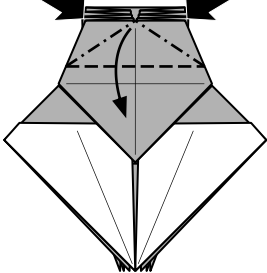
Fold the corner down.

30



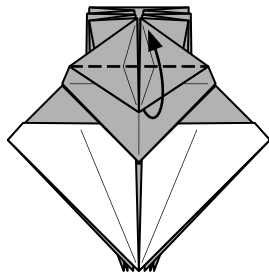
Valley-fold the corners down and unfold.

31



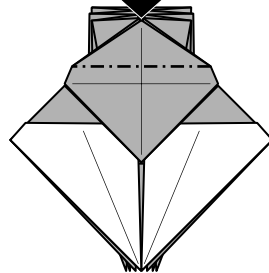
Fold the edge down and spread the corners.

32



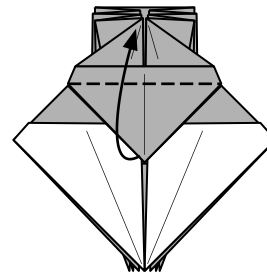
Fold the corner up.

33



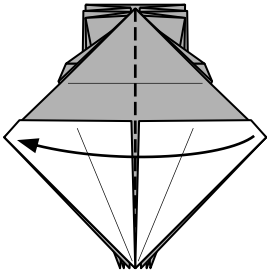
Closed sink.

34



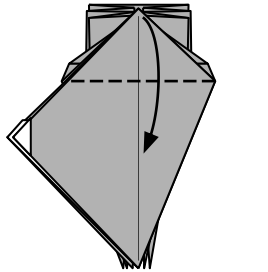
Fold the corner up.

35



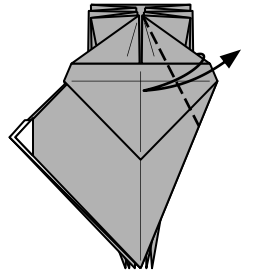
Fold one layer to the left.

36



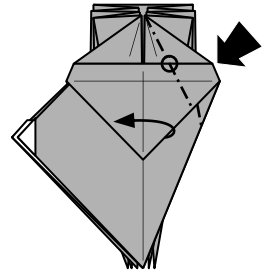
Fold the corner down.

37



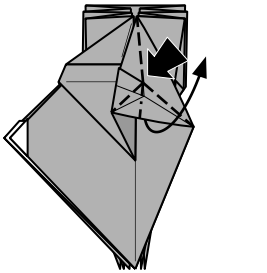
Bisect the angle.

38



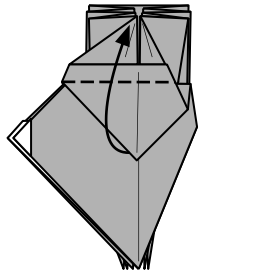
Open and squash. Close sink at the marked point.

39



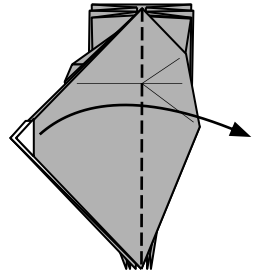
Push the corner in and reverse-fold the bottom edge.

40



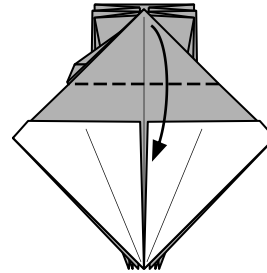
Fold the corner up.

41



Fold one layer to the right.

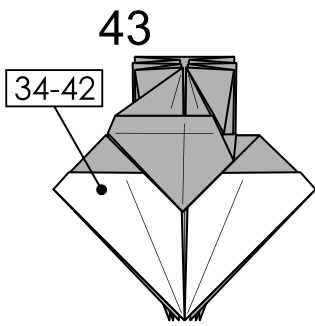
42



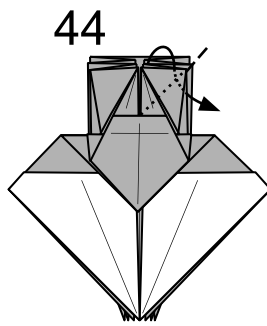
Fold the corner down.



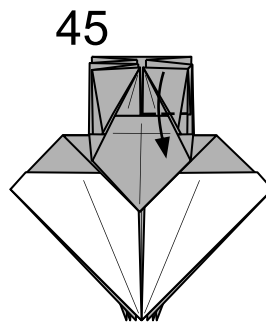




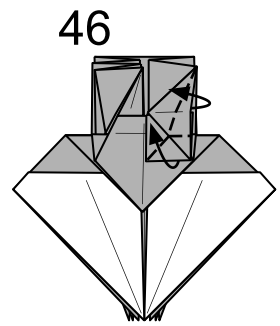
Repeat steps 34 to 42 on the left.



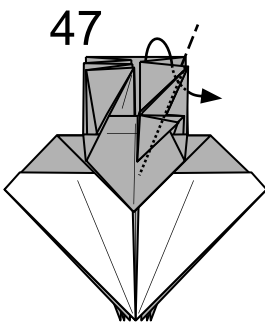
Inside reverse-fold the top layer.



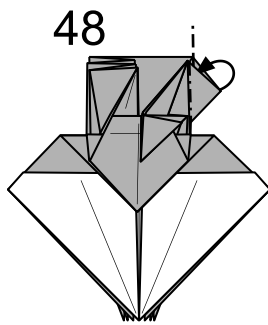
Fold one flap down.



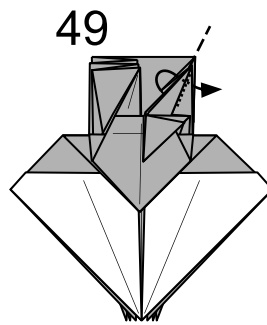
Fold the edge to the center.



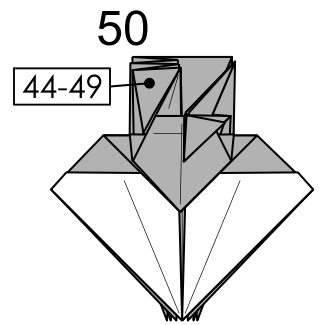
Inside reverse-fold.



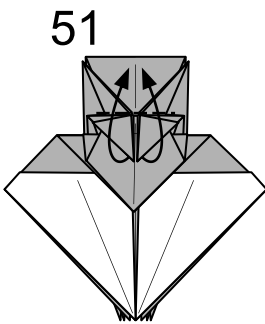
Inside reverse-fold.



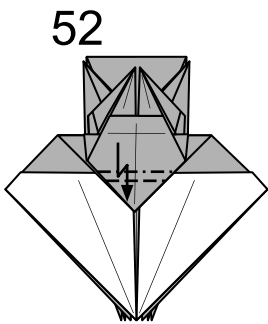
Inside reverse-fold.



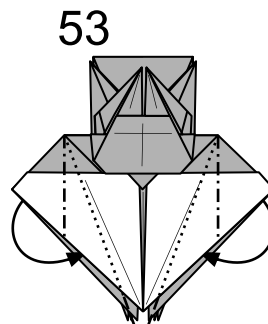
Repeat steps 44 to 49 on the left.



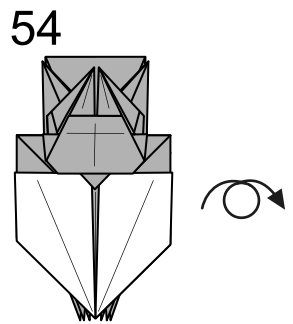
Fold the corners up.



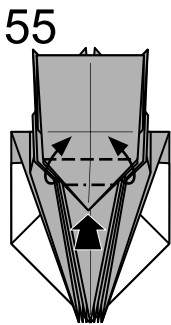
Pleat-fold.



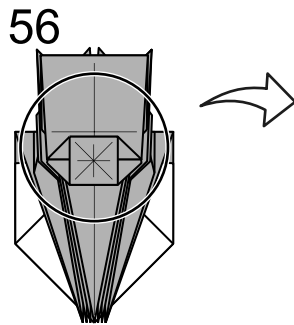
Inside reverse-folds.



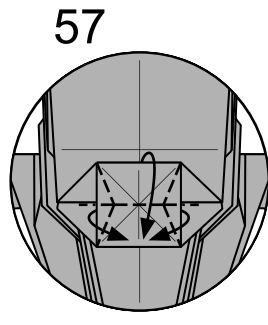
Turn over.



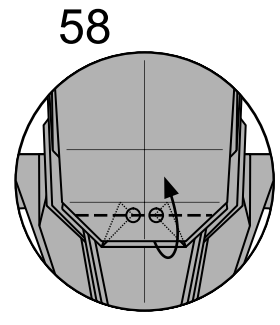
Open and squash.



Magnified view.



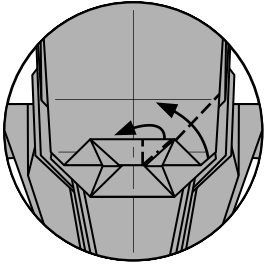
Fold the flap down while bringing the edges on the sides to the center.



Fold the edge up.

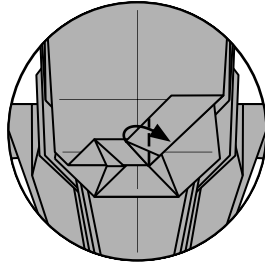


59



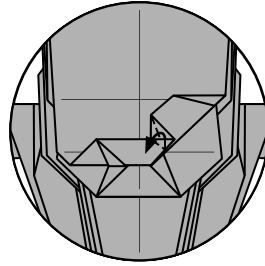
Swivel-fold.

60



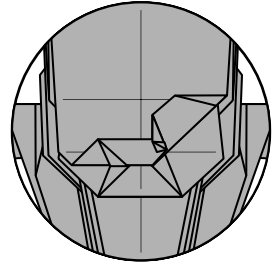
Fold the corner to the right.

61



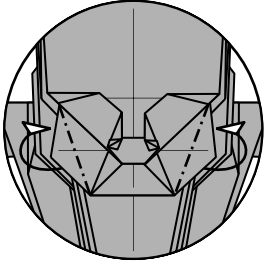
Swivel-fold.

62



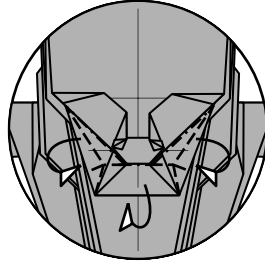
Repeat steps 58 to 60 on the left.

63



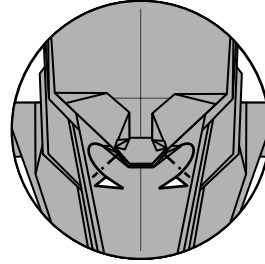
Mountain-folds.

64



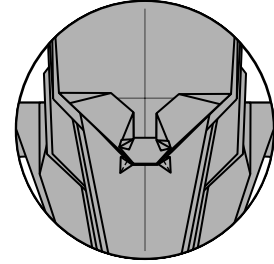
Rabbit-ear the sides while folding the edges behind.

65



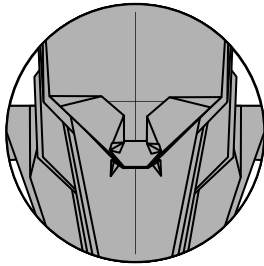
Fold the corners down.

66

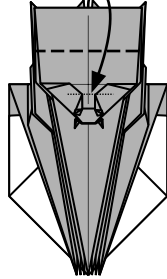


Narrow the antennae.

67

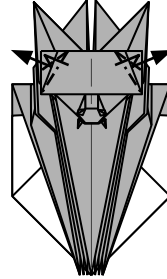


68



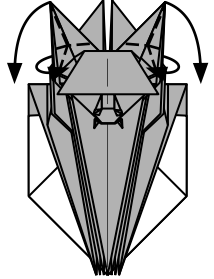
Fold the edge down.

69



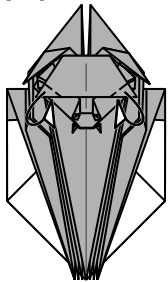
Pleat-folds.

70



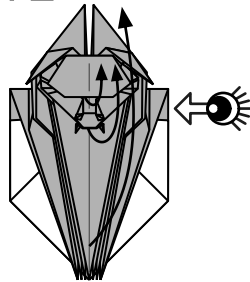
Rabbit-ear.

71



Mountain-folds.

72



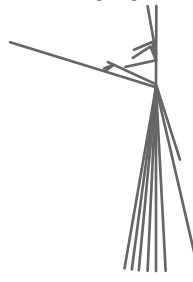
Bring up 3 flaps at the front.

73



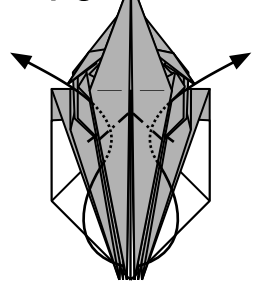
Side view.

74



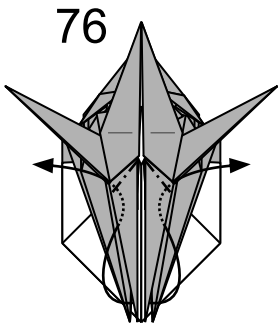
Side view.

75

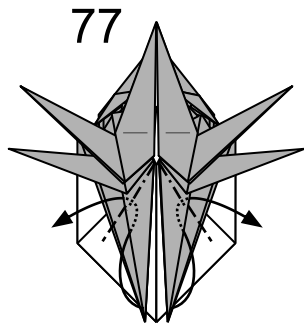


Inside reverse-folds.

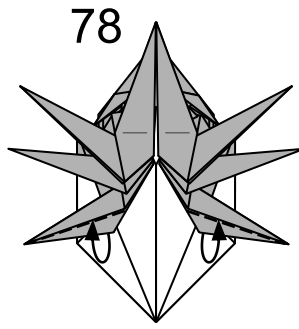




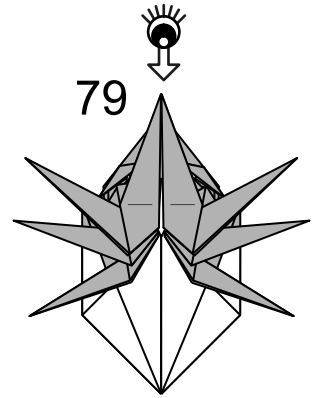
76 Inside reverse-folds.



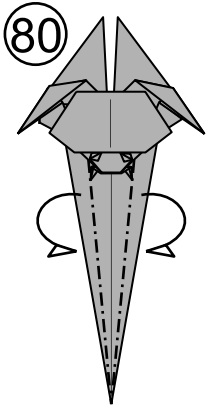
77 Inside reverse-folds.



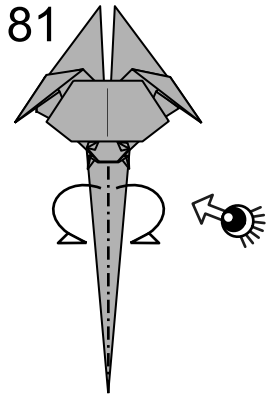
78 Narrow the legs.



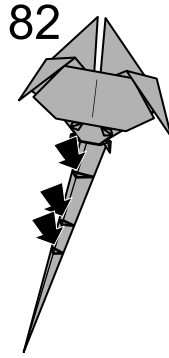
79 View from the top.  
Steps 78 to 82 will only show the head.



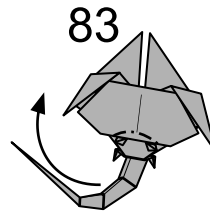
80 Mountain-folds.



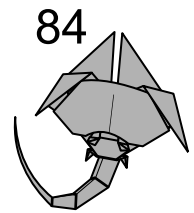
81 Mountain-fold.



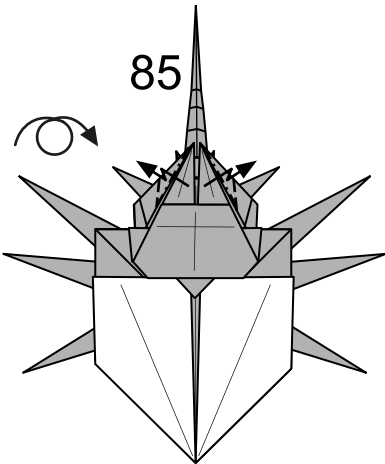
82 Crimp and sink.



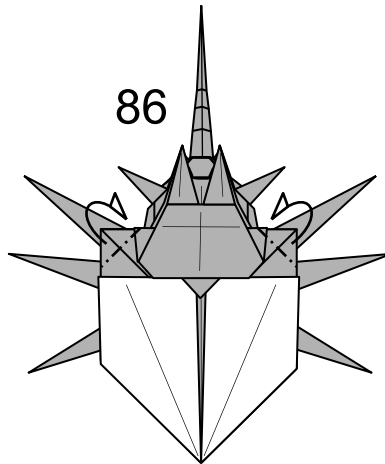
83 Curve the horn  
and shape the  
head.



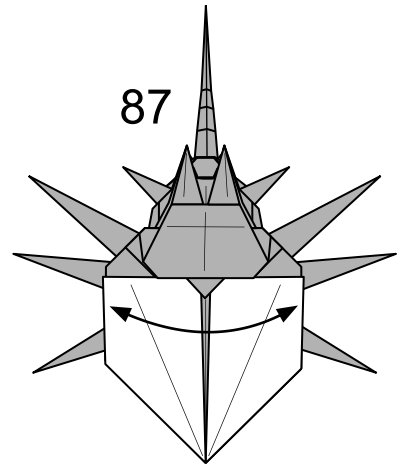
84 Like this.



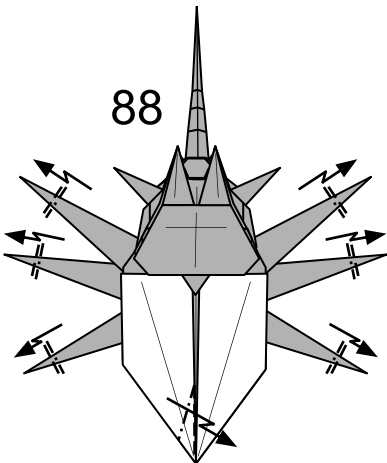
85 Pleat-folds.



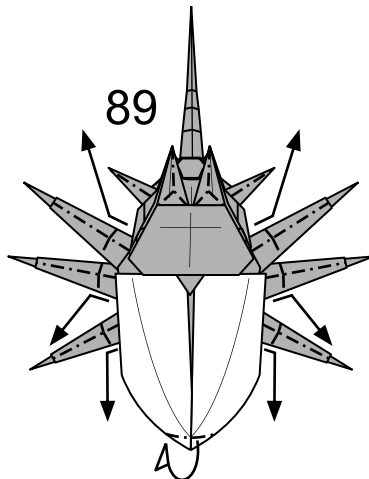
86 Mountain-folds.



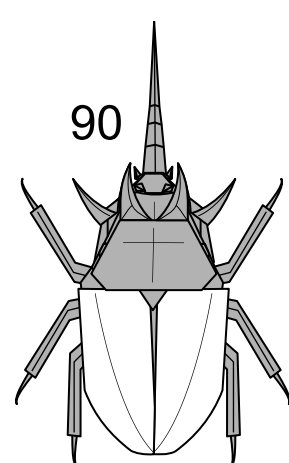
87 Round the body.



88 Pleat-folds.

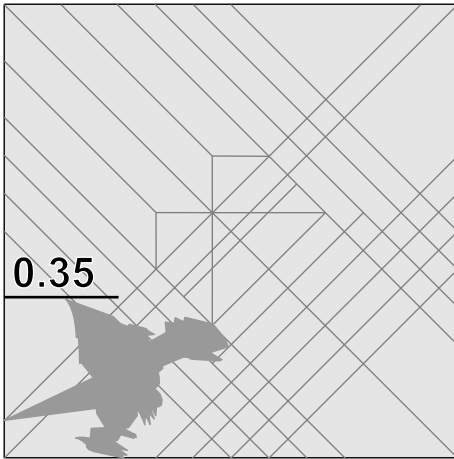


89 Shape the horns, the  
legs and the  
body.



90 Model completed.

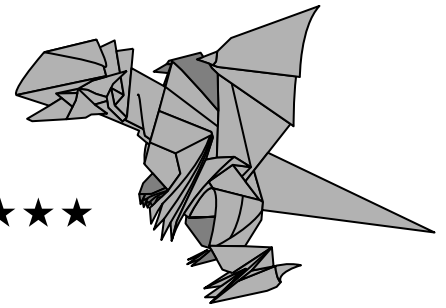




# Dragon

Nguyen Tuan Anh

2011

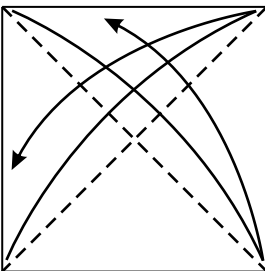


Level / Niveau : ★★★★★  
 Time to fold / Pliage : 3h  
 Paper size /  
 Taille du papier : 40x40cm

This is "Blue-eyes white dragon", a character from my favorite manga series "Yu-Gi-Oh!". There are two versions of this dragon in the manga - I designed both of them but prefer this baby version to the adult one. The hands are thick, so you should use thin paper for this model.

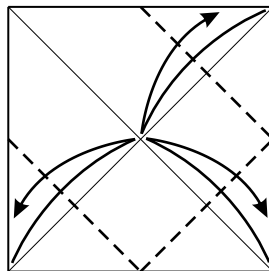
*Ce dragon est appelé "Blue-eyes white dragon". C'est un personnage de mon manga préféré "Yu-Gi-Oh!". Il existe deux versions de ce dragon dans le manga. J'ai conçu les deux mais je préfère cette version bébé du dragon. Les pattes antérieures étant plutôt épaisses, je vous conseille de le plier avec un papier fin.*

1



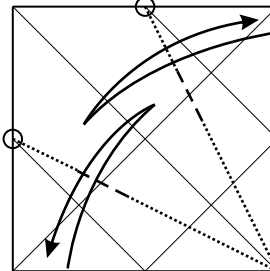
Fold and unfold.

2



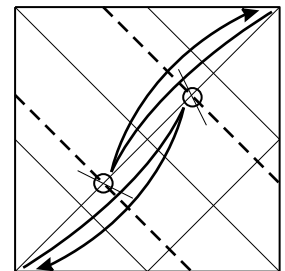
Fold the corners to the intersection and unfold.

3



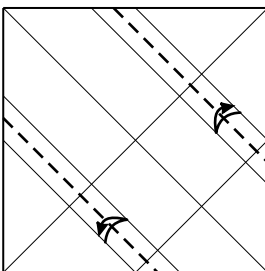
Make creases from the corner to the marked points.

4



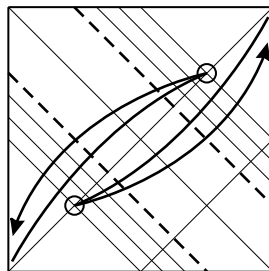
Make creases on the marked points.

5



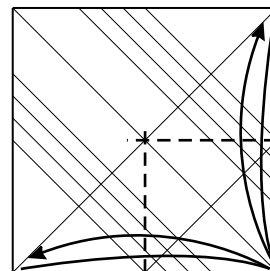
Fold and unfold.

6



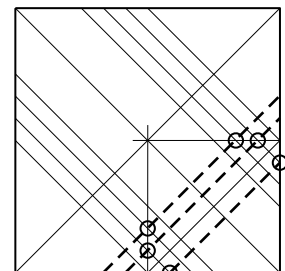
Fold to the marked points and unfold.

7



Fold and unfold.

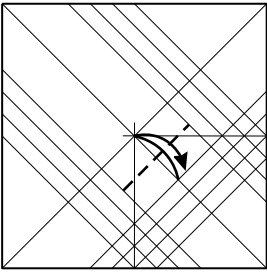
8



Make creases on the marked points.

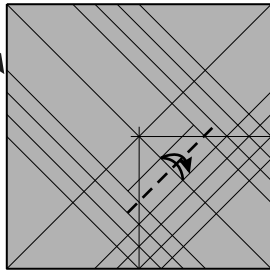


9



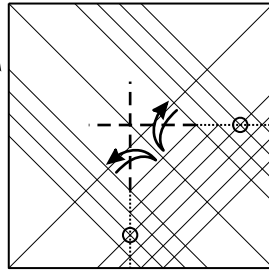
Fold between the creases and unfold.

10



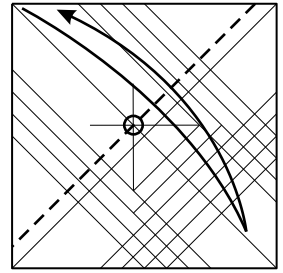
Fold between the creases and unfold.

11



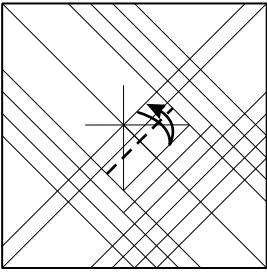
Make creases using marked points as a reference.

12



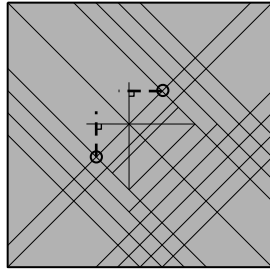
Crease on the marked point.

13



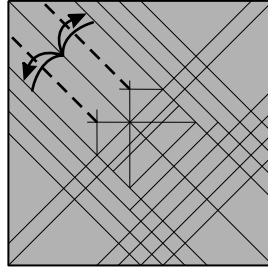
Fold between the creases and unfold.  
Turn over.

14



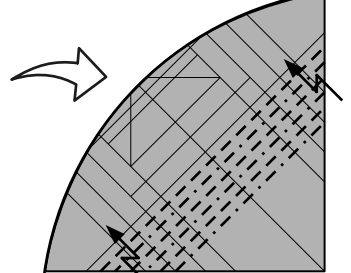
Make creases using marked points as a reference.

15



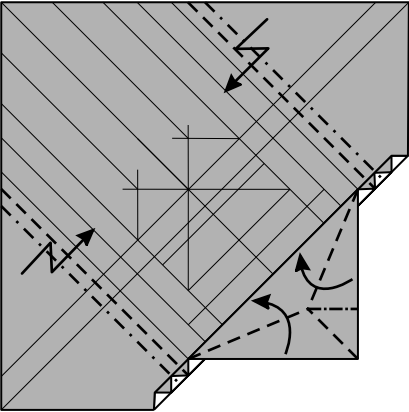
Fold between the creases and unfold.

16



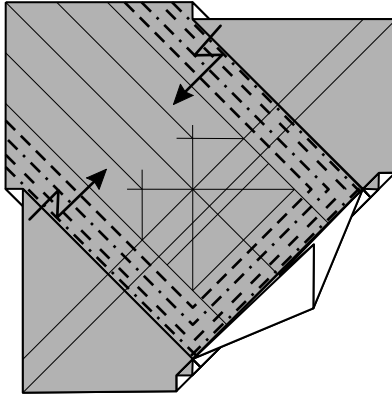
Pleat-fold.

17



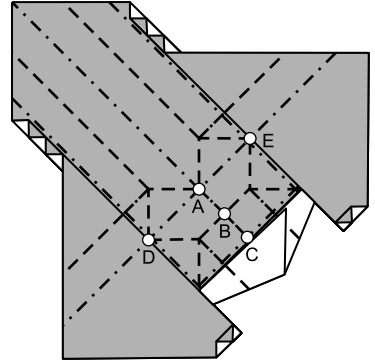
Pleat-fold and rabbit-ear.

18



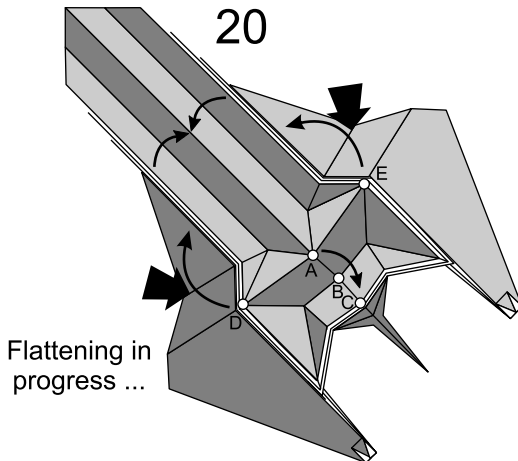
Pleat-fold.

19



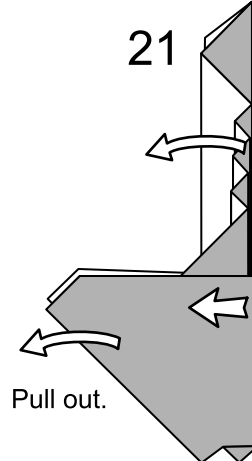
Collapse using existing creases.

20



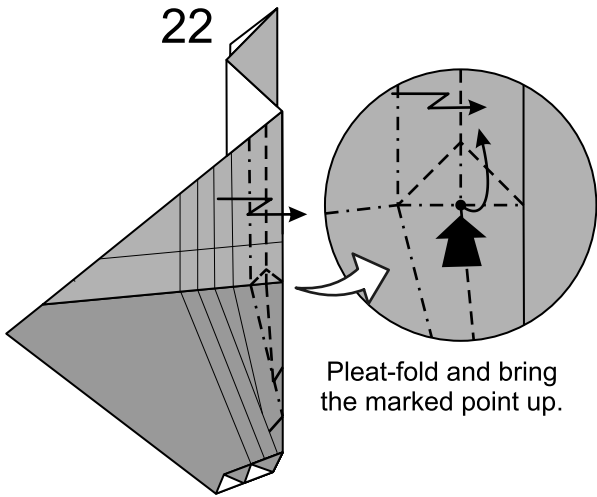
Flattening in progress ...

21

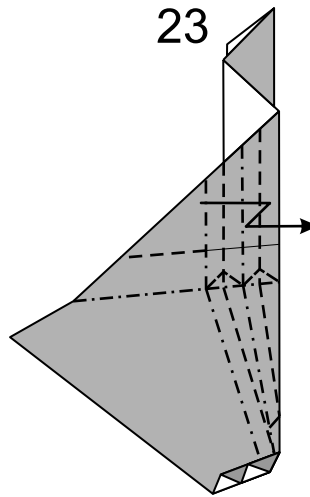


Pull out.

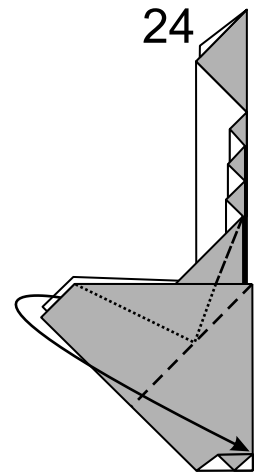




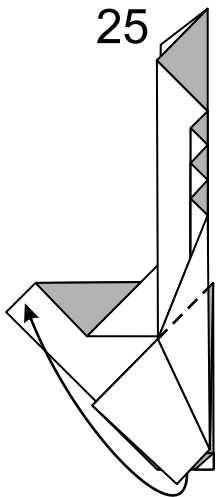
Pleat-fold and bring the marked point up.



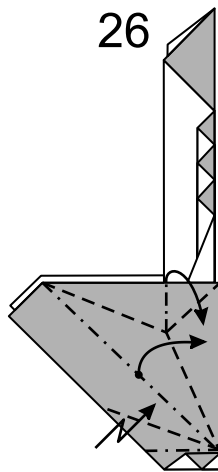
Repeat step 22 twice.



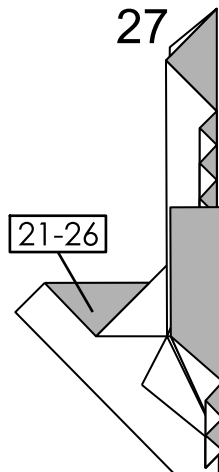
Fold the corner down and squash.



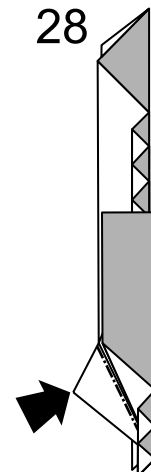
Fold the corner up.



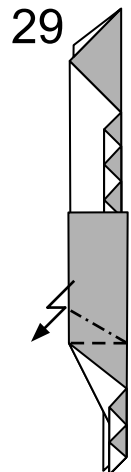
Pleat-fold and rabbit-ear.



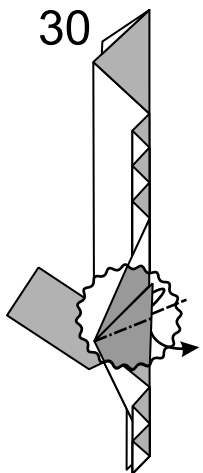
Repeat steps 21-26



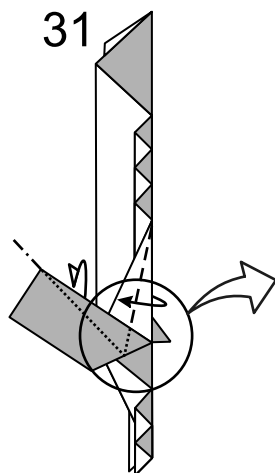
Open sink.



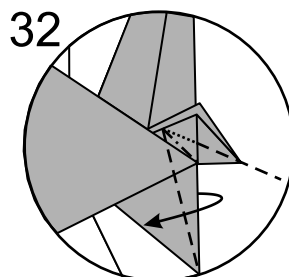
Pleat-fold.



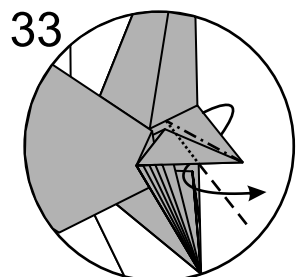
Look inside. Inside reverse-fold at 5th layer.



Inside reverse-fold one layer.

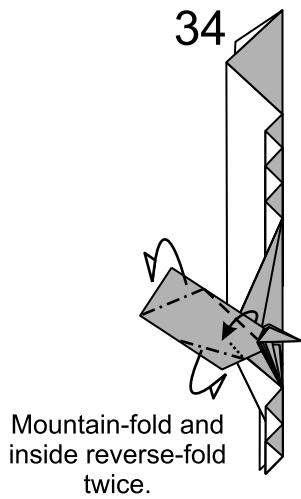


Squash-fold on all the 5 layers at the same time.

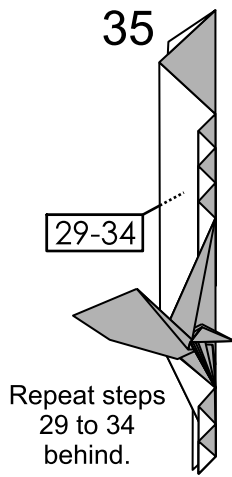


Inside reverse-fold the layers behind.

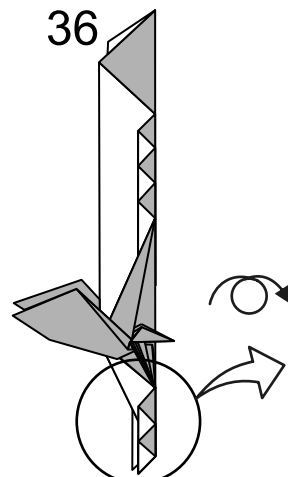




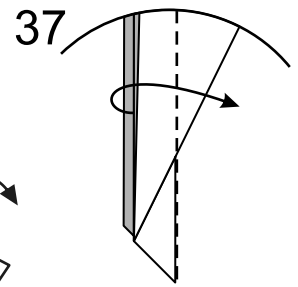
34 Mountain-fold and inside reverse-fold twice.



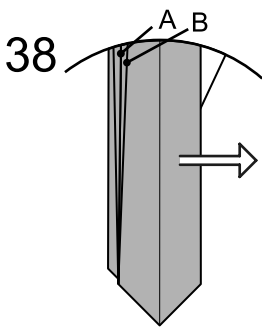
35 Repeat steps 29 to 34 behind.



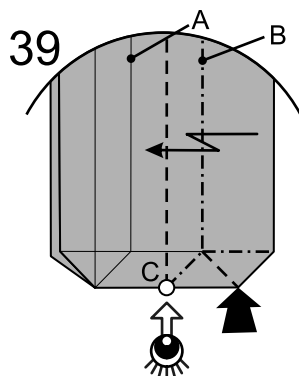
36 Magnified view. Turn over.



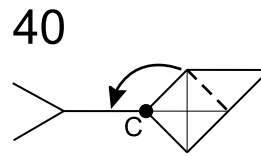
37 Fold two layers to the right.



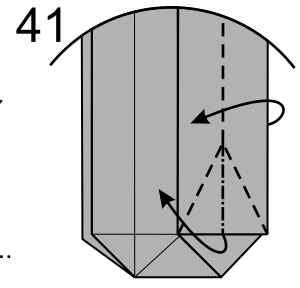
38 Pull out and squash-fold layers A and B.



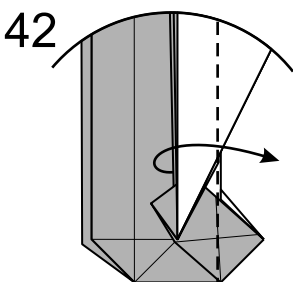
39 Pleat-fold. Push paper in.



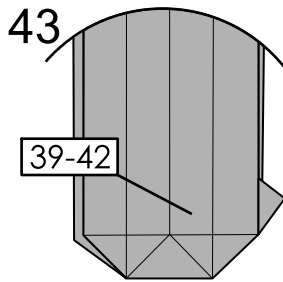
40 Flattening in progress... View from bottom.



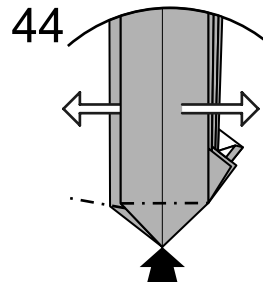
41 Squash-fold. Fold two layers to the left.



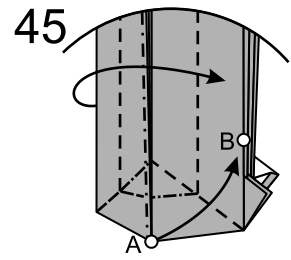
42 Fold three layers to the right.



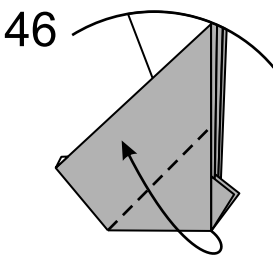
43 Repeat steps 39 to 42.



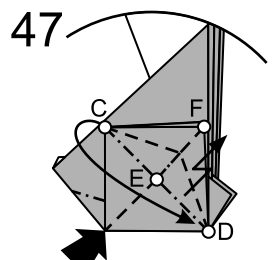
44 Open sink.



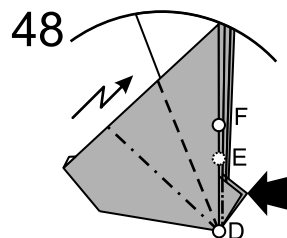
45 Fold A to B and fold the left layers to the right.



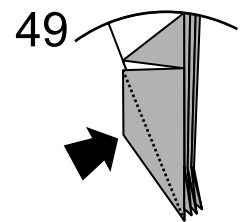
46 Fold one layer up.



47 Fold C to D and pleat-fold to bring E up so E on DF.

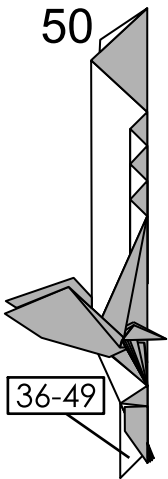


48 Pleat-fold and Inside reverse-fold twice.

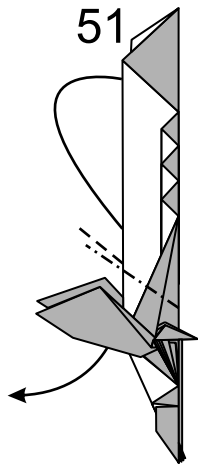


49 Open sink layer behind.

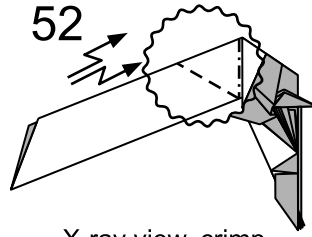




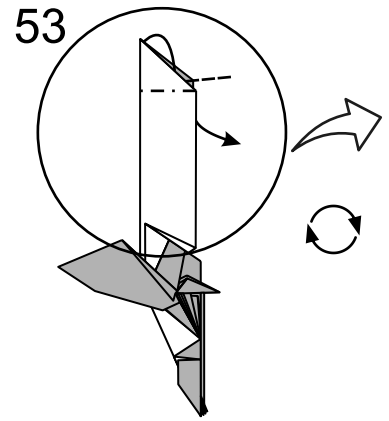
Repeat steps 36 to 49 behind.



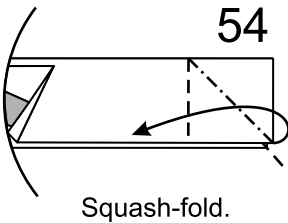
Inside reverse-fold.



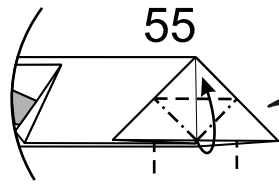
X-ray view, crimp inside.



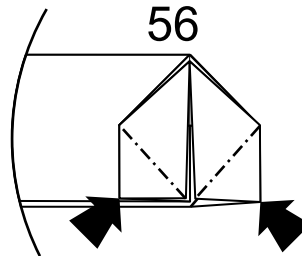
Inside reverse-fold. Magnified view. Rotate.



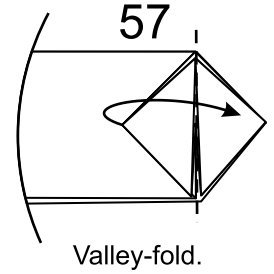
Squash-fold.



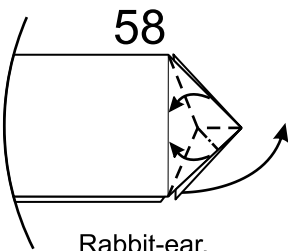
Petal-fold.



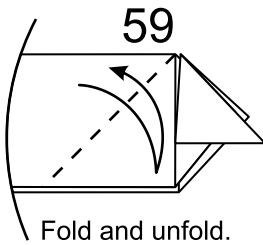
Inside reverse-fold.



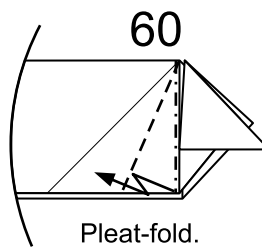
Valley-fold.



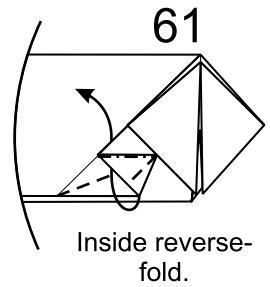
Rabbit-ear.



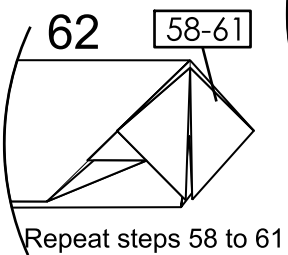
Fold and unfold.



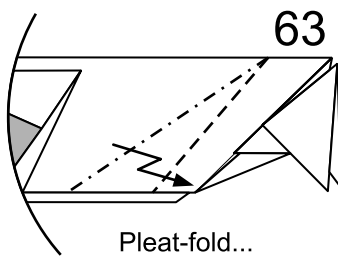
Pleat-fold.



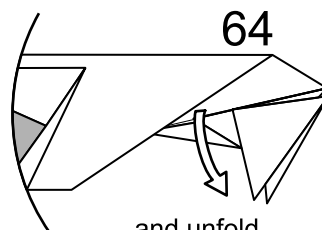
Inside reverse-fold.



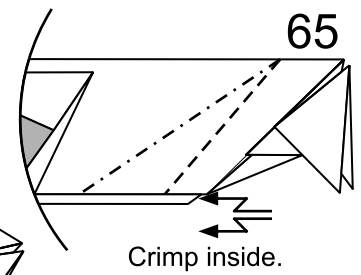
Repeat steps 58 to 61 behind.



Pleat-fold...



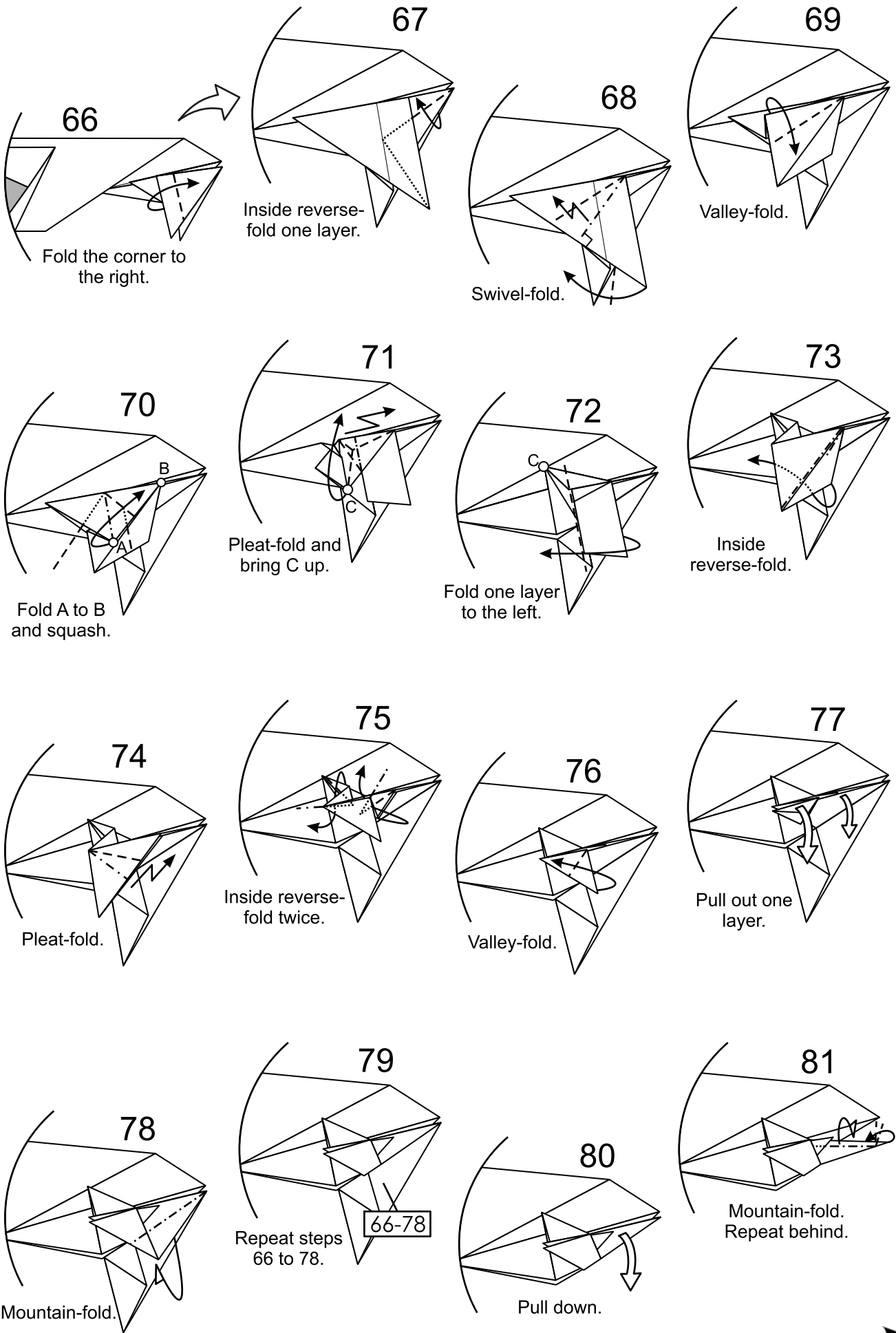
...and unfold.

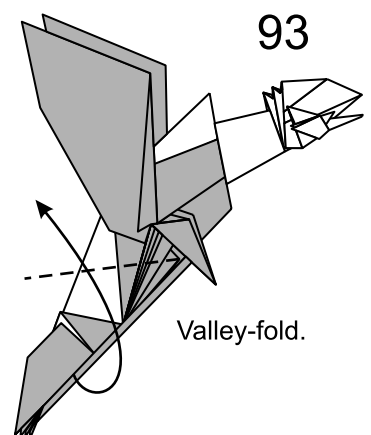
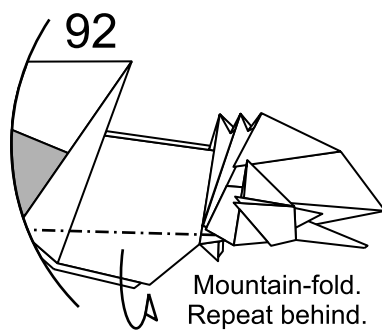
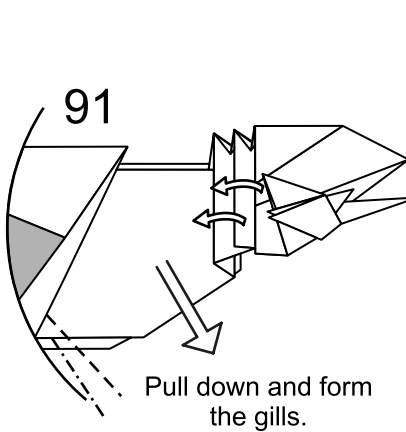
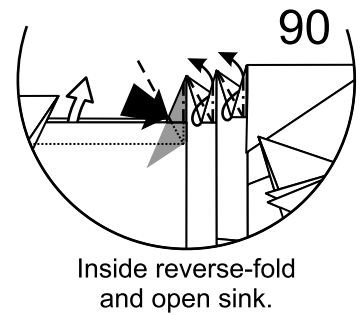
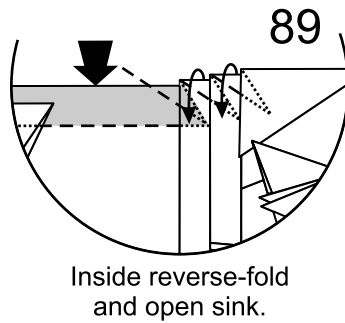
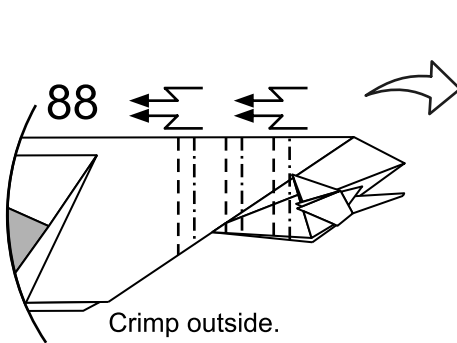
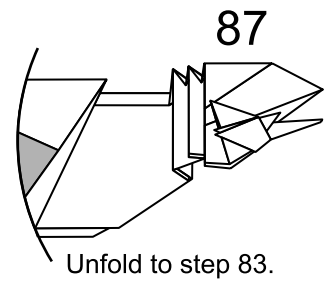
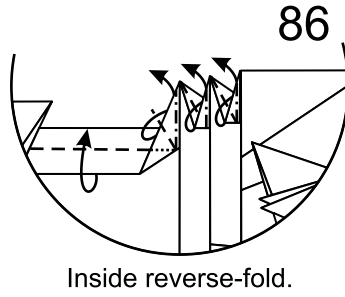
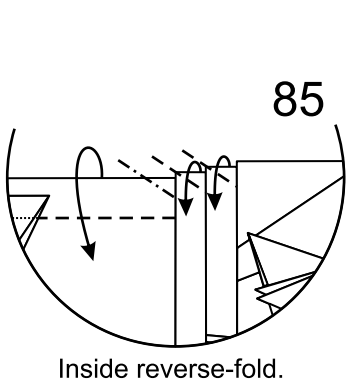
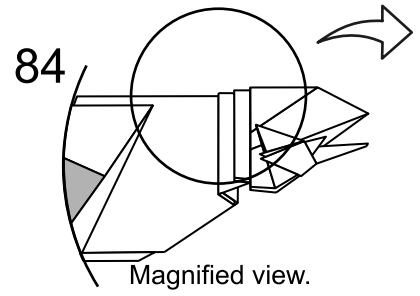
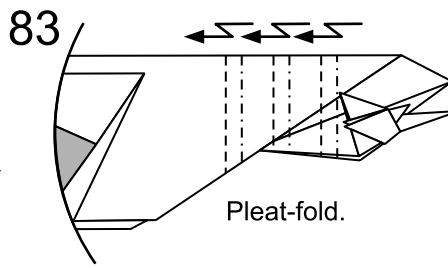
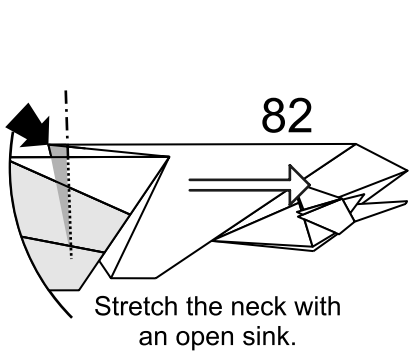


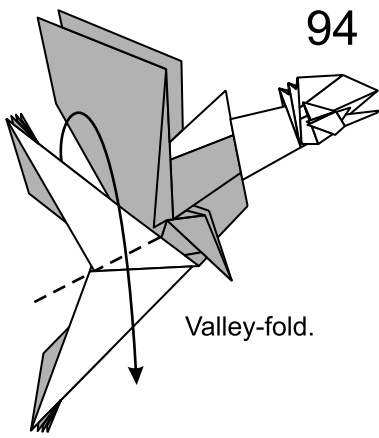
Crimp inside.



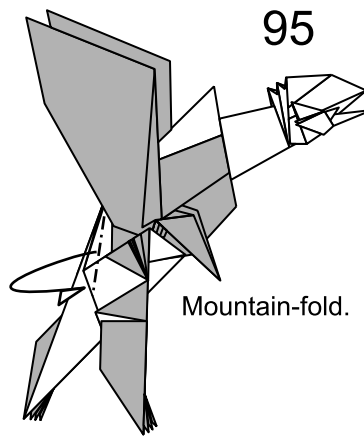




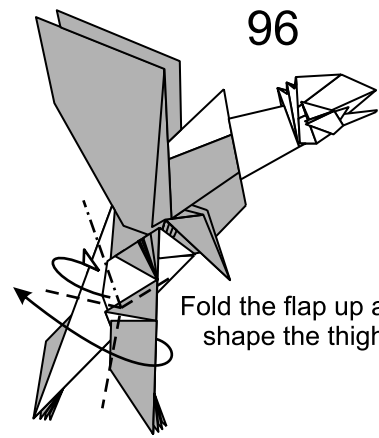




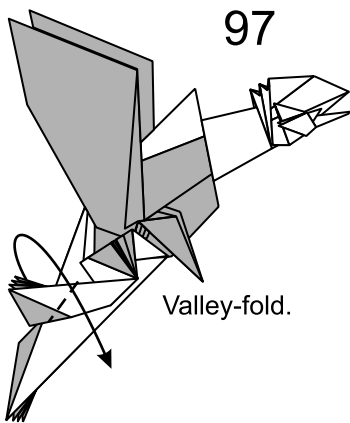
94  
Valley-fold.



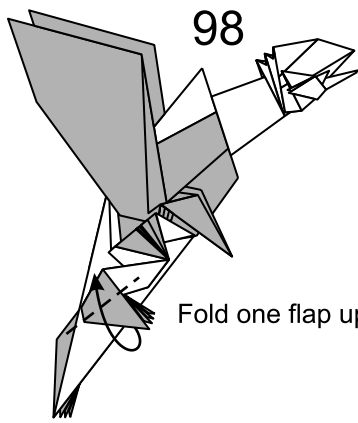
95  
Mountain-fold.



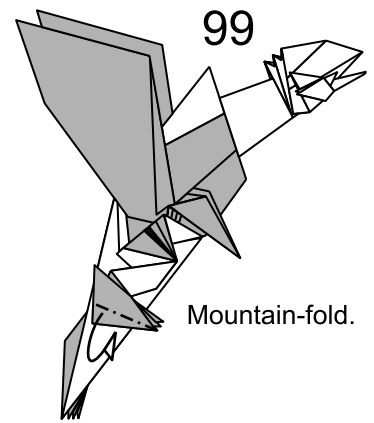
96  
Fold the flap up and shape the thigh.



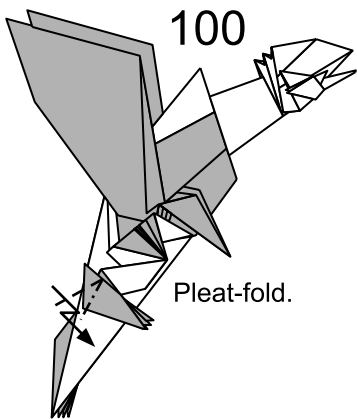
97  
Valley-fold.



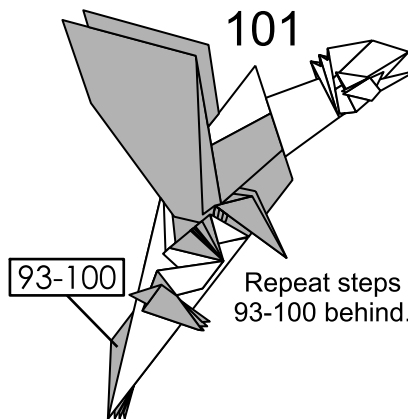
98  
Fold one flap up.



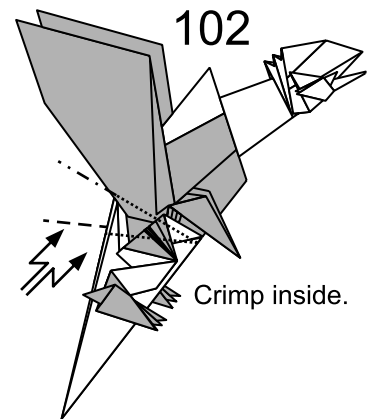
99  
Mountain-fold.



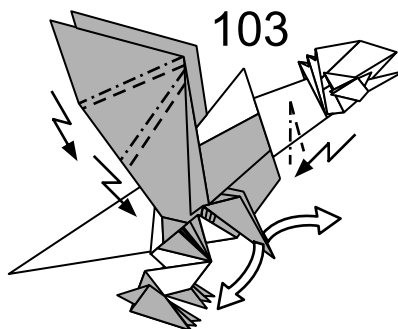
100  
Pleat-fold.



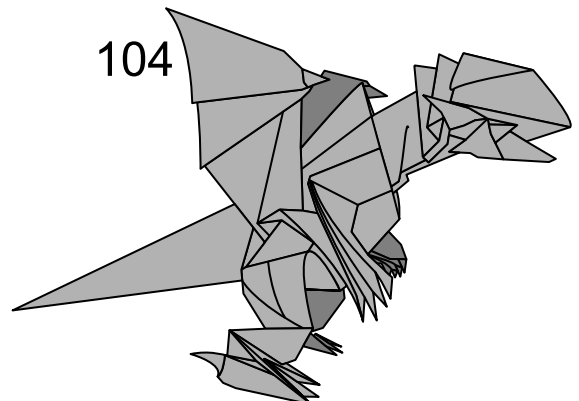
101  
Repeat steps 93-100 behind.



102  
Crimp inside.



103  
Pleat-fold to shape the wings and neck. Repeat behind.



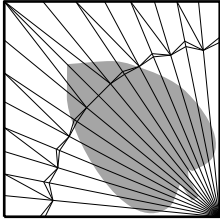
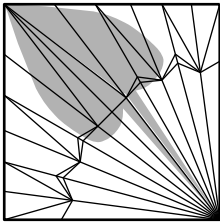
104  
Model completed.



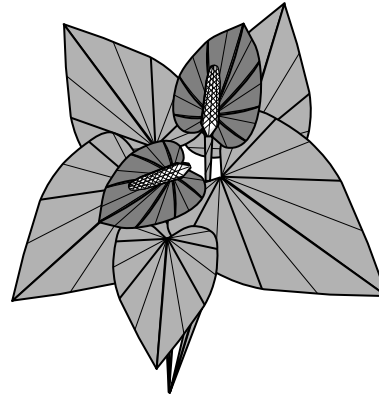
# Anthurium andreanum

Tran Trung Hieu

xx/06/2010



Level / Niveau : ★ ★  
 Time to fold / pliage : 45min  
 Paper size / Taille du papier :  
 - Spathe: 13x13cm  
 - Leaf / feuille : 20x20cm



*Anthurium* is one of the most popular tropical flowers with a long vase life of about 6 weeks or even longer, depending on the variety and season. *Anthurium* is a genus of more than 800 species and is found in tropical regions.

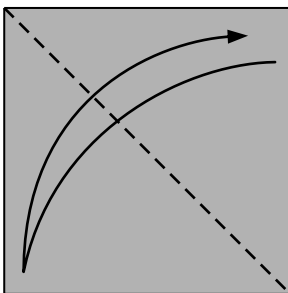
The molecule structure suited the model design better than box pleating. The first time, I used two separate sheets of paper to fold spathe and spadix, but I have since combined them in one sheet. The color change is used to differentiate between the rough spadix and the spathe. If you use the duo paper in red and yellow, you will get a real-color model.

*L'Anthurium est l'une des fleurs tropicales les plus populaires avec sa forme en vase qui ne fane pas avant 6 semaines, parfois plus, selon la variété et la saison. C'est une variété de fleurs comprenant plus de 800 espèces vivant dans les régions chaudes.*

*Pour sa conception, l'approche à base de molécules est plus adaptée que l'utilisation du box-pleating. La première fois, j'ai utilisé deux feuilles de papier différents pour plier le spathe et le spadice. J'ai depuis combiné les deux en une seule feuille. Le changement de couleur est utilisé pour différencier le spadice rugueux du spathe. Si vous utilisez du papier duo rouge et jaune, vous obtiendrez un beau modèle en couleurs.*

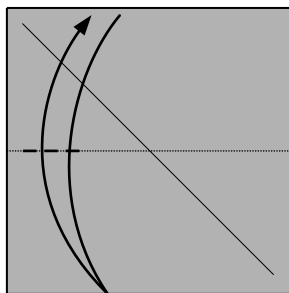
## LEAF / FEUILLE

1



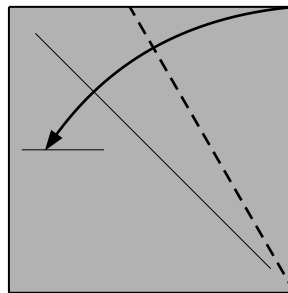
Colored side up.  
Fold and unfold.

2



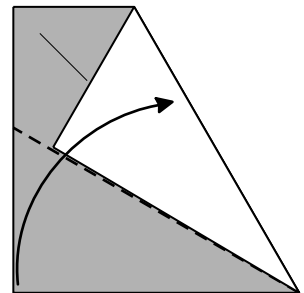
Pinch in half.

3



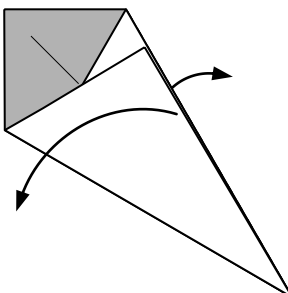
Fold the right corner  
to the pinch.

4



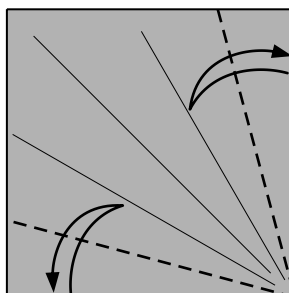
Fold the corners along  
the diagonal.

5



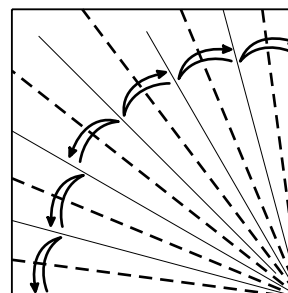
Unfold.

6



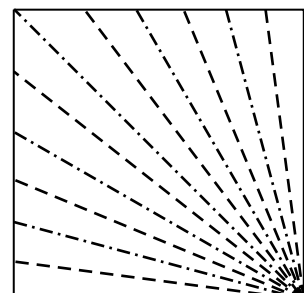
Fold angle bisectors  
and unfold. Turn over.

7



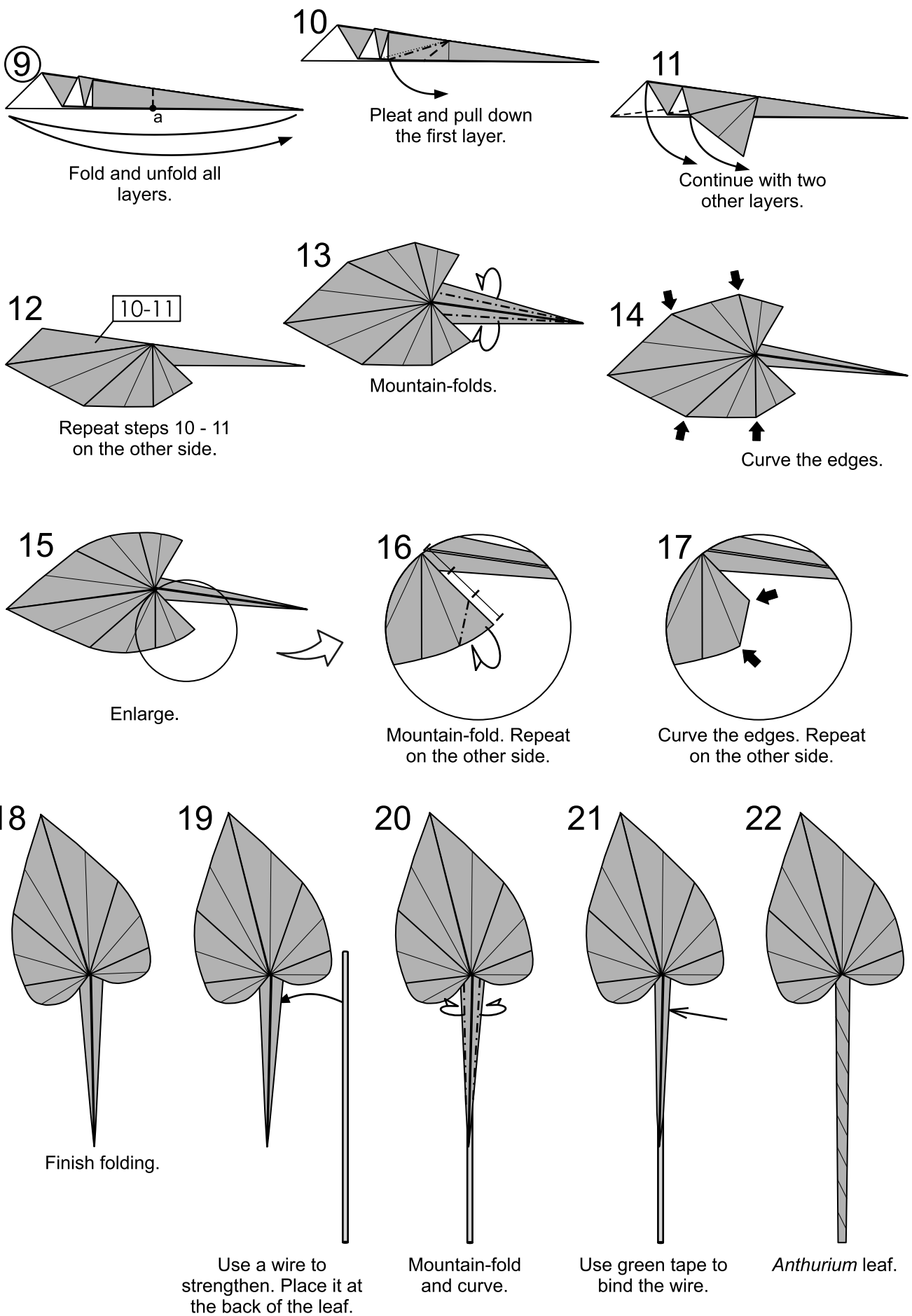
Fold angle bisectors  
and unfold.

8



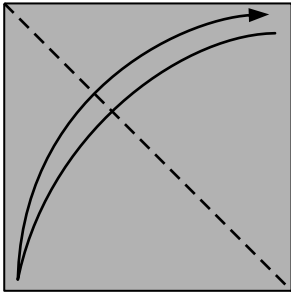
Fold all the creases.





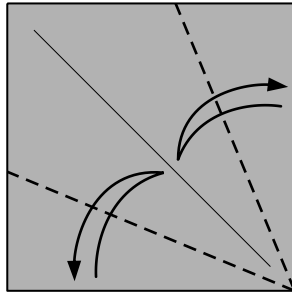
# SPATHE & SPADIX

1



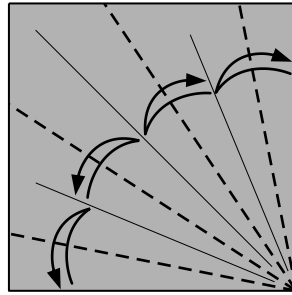
Fold and unfold.

2



Valley-fold and unfold.

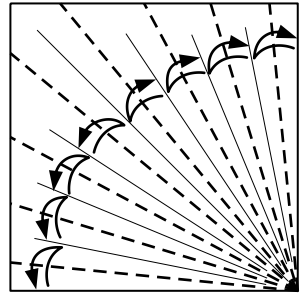
3



Valley-fold and unfold.

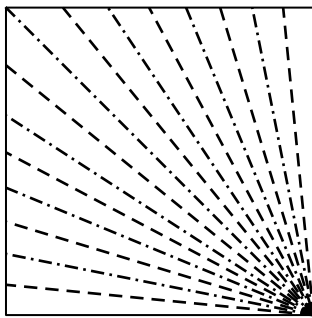


4



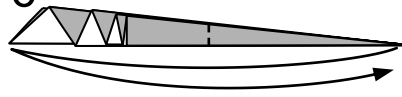
Fold and unfold.

5



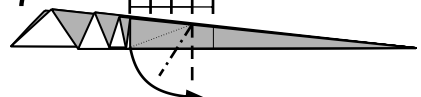
Fold all the creases.

6



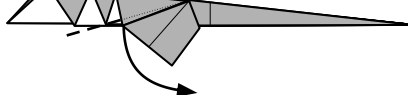
Fold and unfold all layers.

7



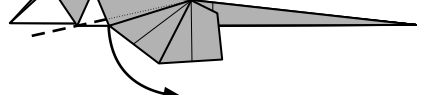
Pleat and pull down the first layer.

8



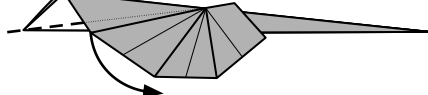
Pull down the second layer.

9



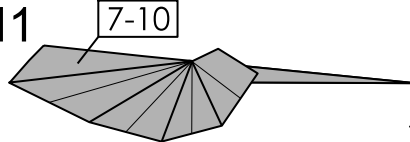
Pull down the third layer.

10



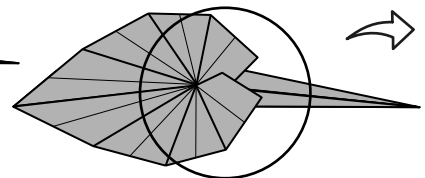
Pull down the last layer.

11



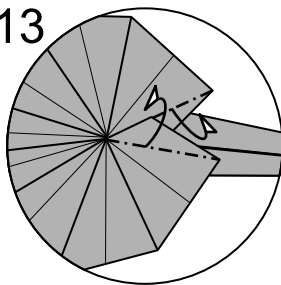
Repeat step 7-10 on the other side.

12



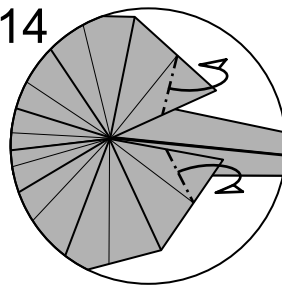
Enlarge the model.

13



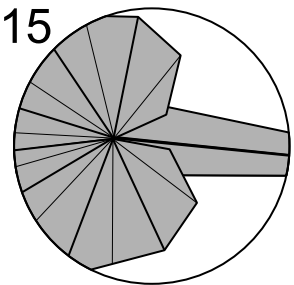
Mountain-folds.

14



More mountain-folds.

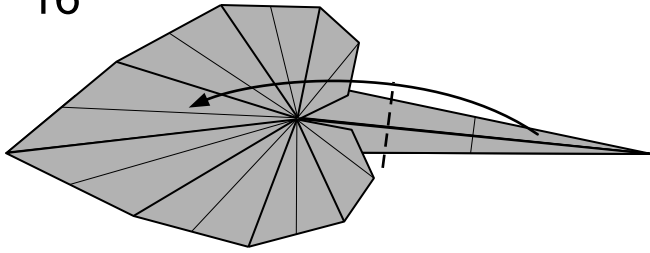
15



The result.

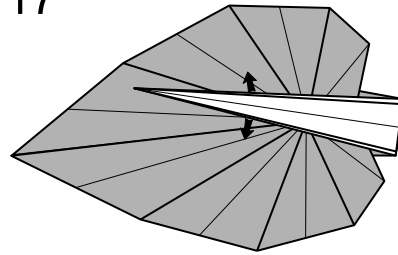


16



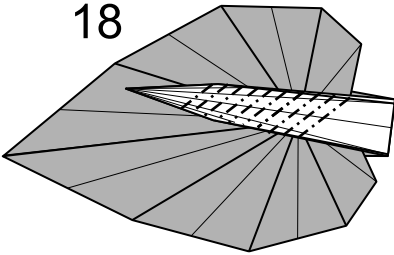
Valley-fold.

17



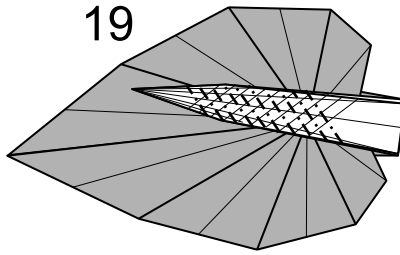
Pull out the first layer only.

18



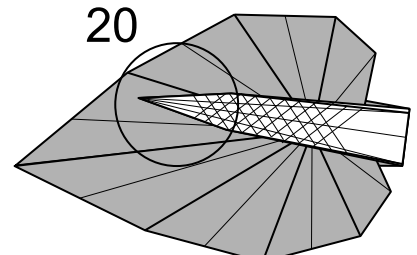
Crease as many lines as possible.

19



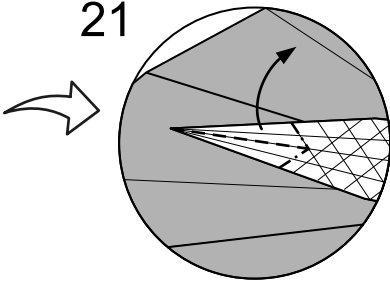
Crease in the opposite direction.

20



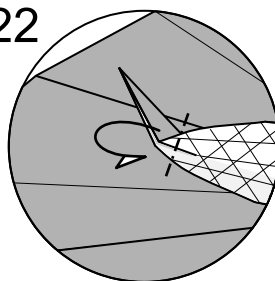
Enlarge view of the spadix tip.

21



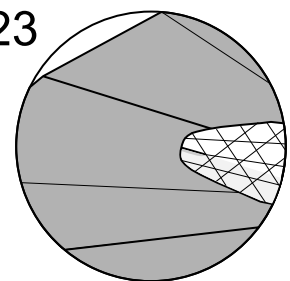
Inside reverse-fold.

22



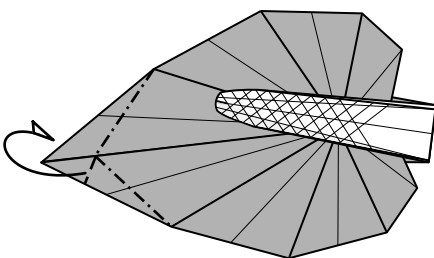
Hide the layer.

23



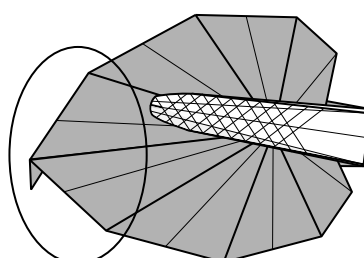
Finish folding the spadix.

24



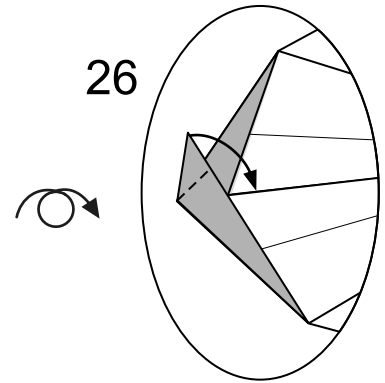
Rabbit-ear.

25



Enlarge view of the top of the spathe.  
Turn over.

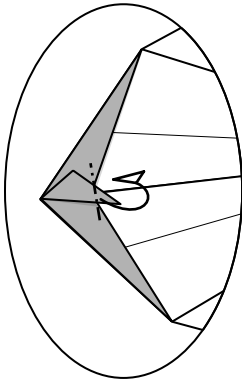
26



Valley-fold.

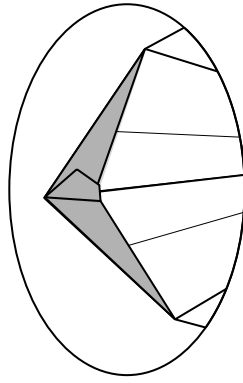


27



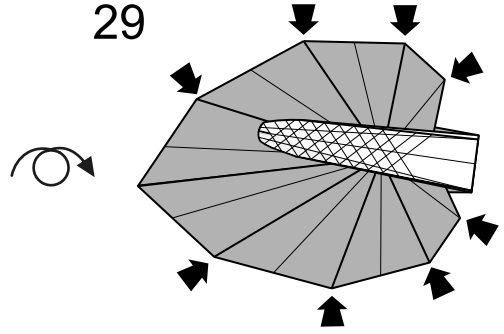
Hide the layer inside.

28



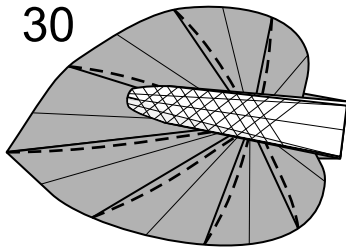
Turn the model over again.

29



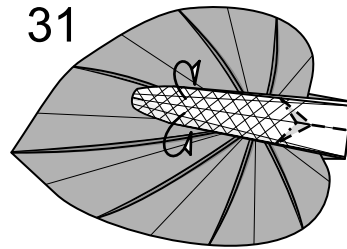
Curve all the edges.

30



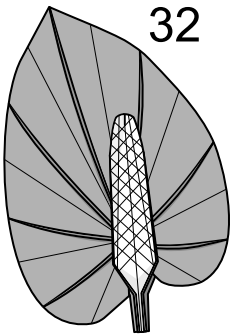
Shape all the layers.

31



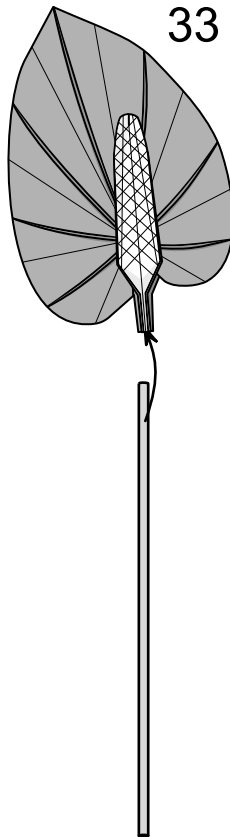
Shape the spadix.

32



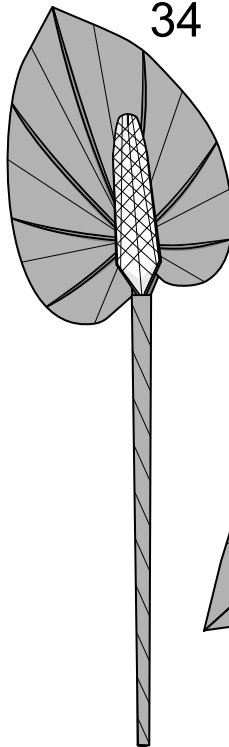
Complete the spathe and spadix.

33

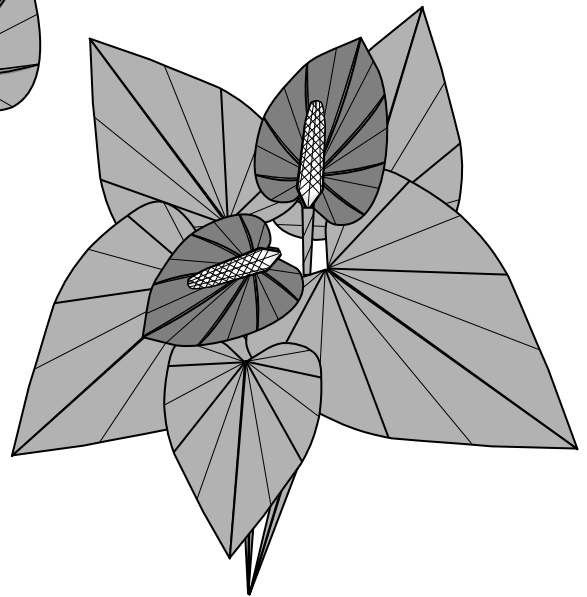


Put a wire inside, use green tape to strengthen.

34



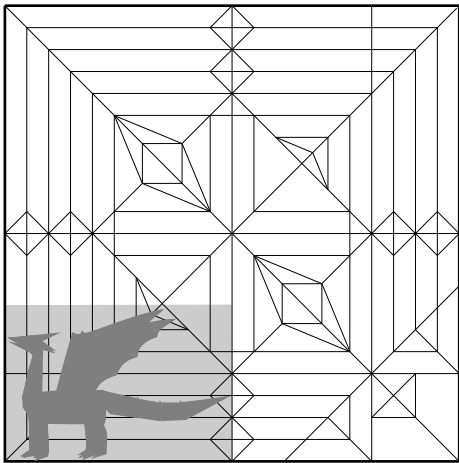
Finishing like this.



*Anthurium andreaanum*.







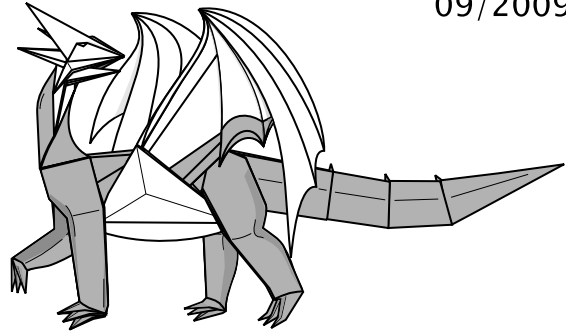
0.5

# Larval Wurm

Jeune Wurm

Tran Trung Hieu

09/2009



Level / Niveau : ★★★★★

Time to fold / Pliage : 4h

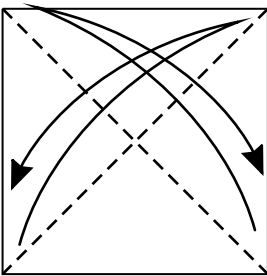
Paper size /

Taille du papier : 35x35cm

From the first time I folded origami, I wanted to fold dragons. I dreamed of designing a dragon with toes, wings and horns from one sheet of paper. I tried many times to fold this but I failed. Fortunately, I succeeded in folding a dragon which has a color-changed head and wings. For this model I used box pleating and 22.5 degree diagonals. Wet-folding or Methylcellulose is needed to fold this dragon.

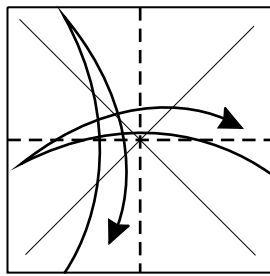
*Dès que j'ai commencé l'origami, j'ai voulu plier des dragons. J'ai souhaité concevoir un dragon avec des doigts, des ailes et des cornes à partir d'une seule feuille de papier. J'ai essayé plusieurs fois de plier cela, mais j'ai échoué. Heureusement, j'ai finalement réussi à plier un dragon avec un changement de couleur pour la tête et les ailes. Pour ce modèle j'ai utilisé l'approche box-pleating combinée à des bases avec des angles de 22,5 degrés. La technique du pliage humide ou le méthylcellulose sont nécessaires pour plier ce dragon.*

1



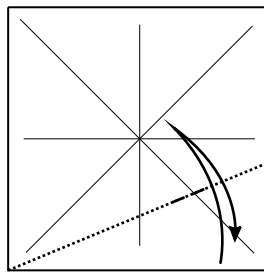
White side up.  
Fold and unfold.

2



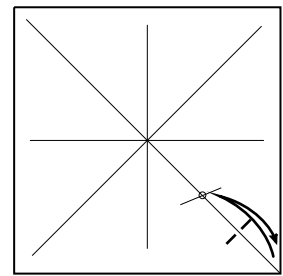
Fold in half and  
unfold.

3



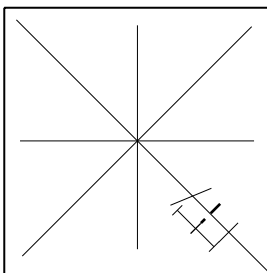
Mark the intersection  
with the angle  
bisector and unfold.

4



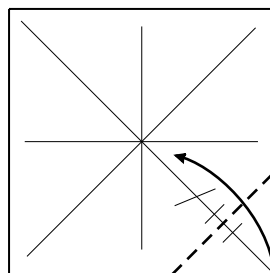
Fold the corner to the  
mark and unfold.

5



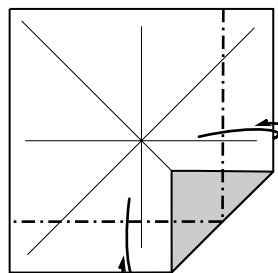
Fold in half and  
unfold.

6



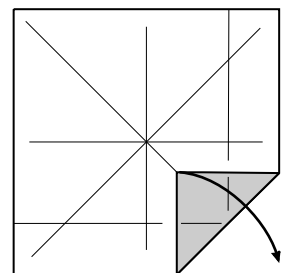
Fold halfway between  
the creases.

7



Crease along the  
lines connecting the  
center point.

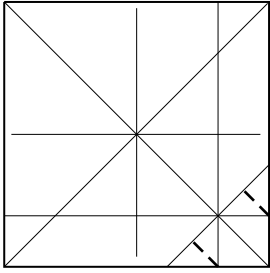
8



Unfold the corner.

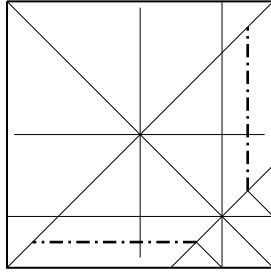


9



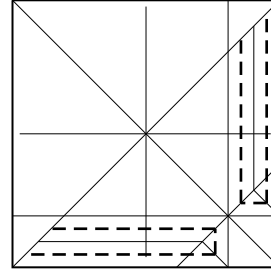
Crease the lines diagonally.

10



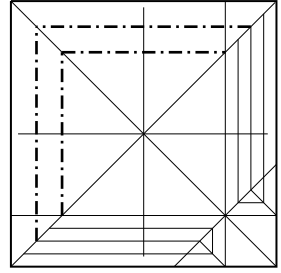
Crease the lines as mountain-folds.

11



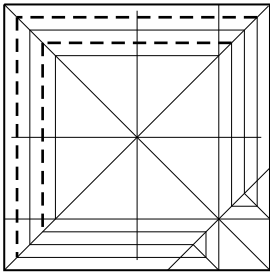
Divide into fourth and crease the lines.

12



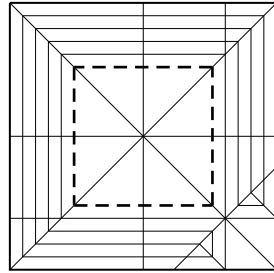
Crease those lines.

13



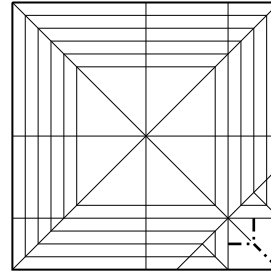
Crease the lines as valley fold.

14



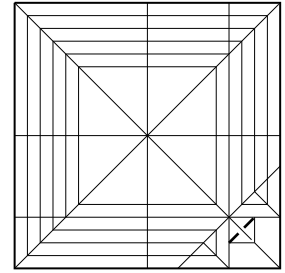
Valley fold the fifth line.

15



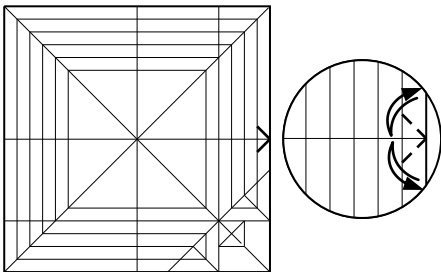
Make creases.

16



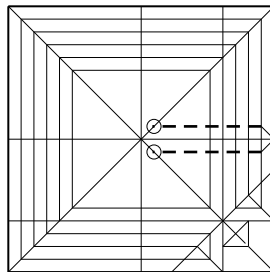
Crease as valley fold.

17



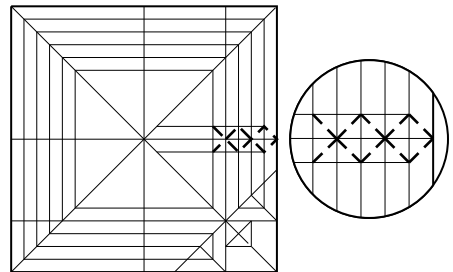
Valley fold the edge and unfold.

18



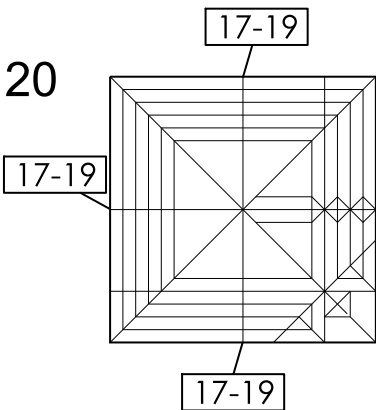
Crease to the diagonal lines.

19



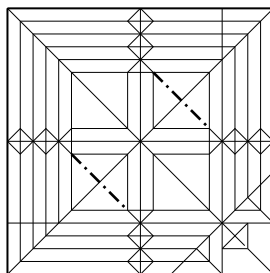
Make crease to create toes.

20



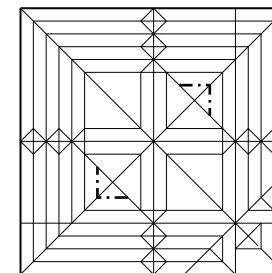
Repeat 17- 19 on the three other sides.

21



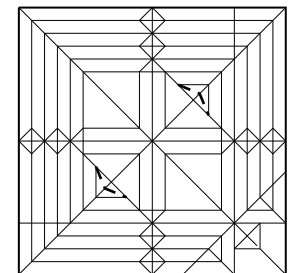
Crease mountain fold.

22



Crease the sixth lines as mountain fold.

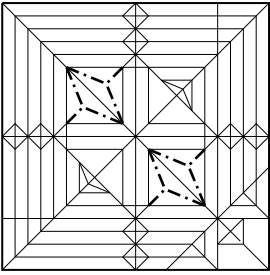
23



Fold angle bisectors and unfold.

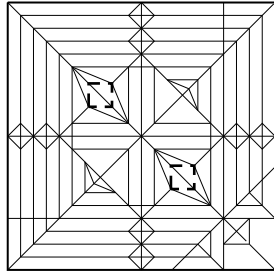


24



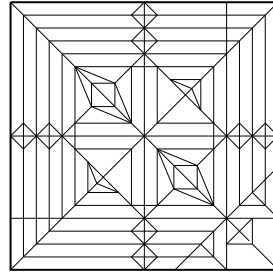
Make creases like rabbit ear fold.

25



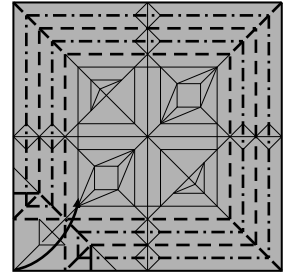
Crease these lines.

26



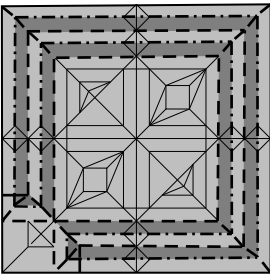
The result looks like this. Turn over.

27



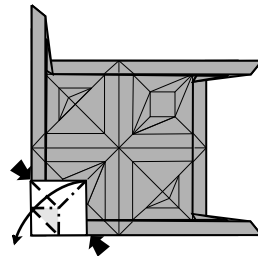
Pleat those creases.

28



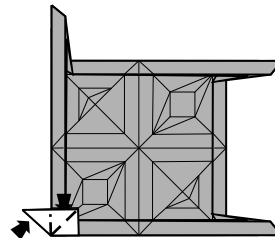
3D view of step 27.

29



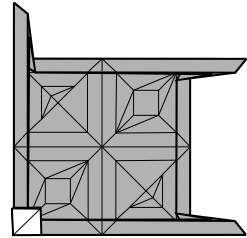
Fold up the the layer and flatten.

30



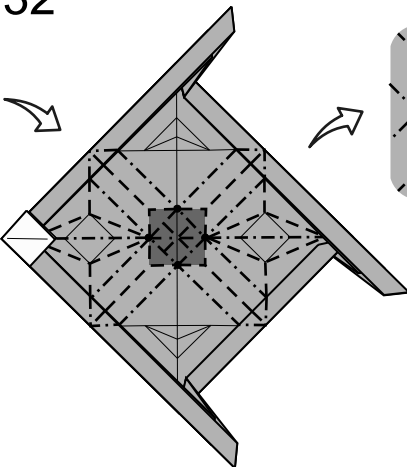
Squash fold.

31



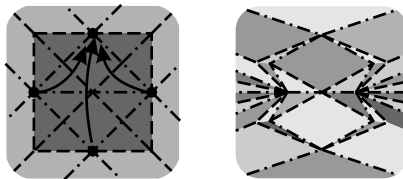
Turn over 45 degree and enlarge.

32



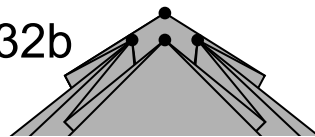
Fold as the creases shown. Notice the center area.

32a



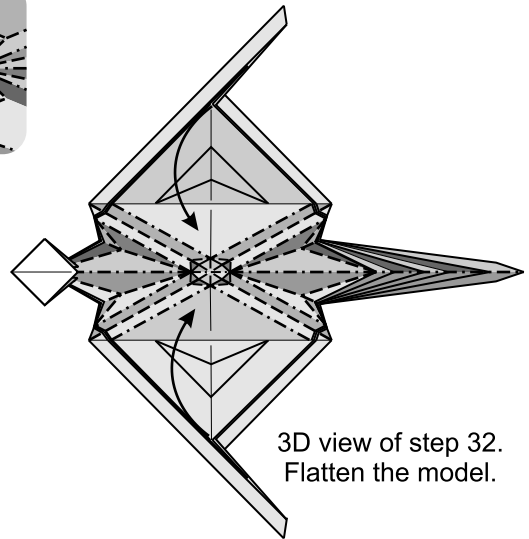
Bring 3 points to the top point. Look the 3D view of this step.

32b



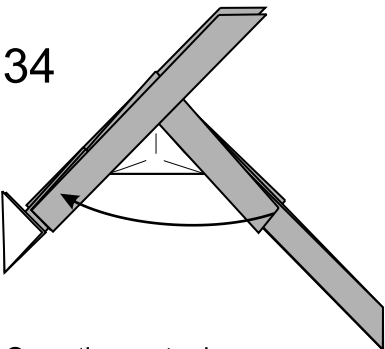
The result of step 32.

33



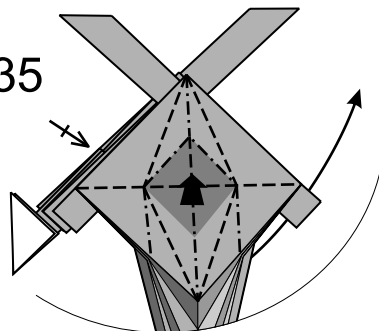
3D view of step 32. Flatten the model.

34



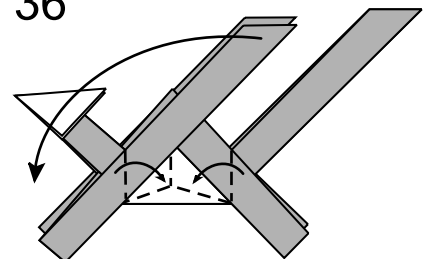
Open the center layer of the tail.

35



Sink the dark area and bring up the tail. Repeat on the head.

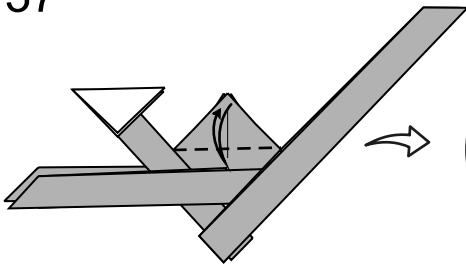
36



Rabbit ear fold. Repeat behind.

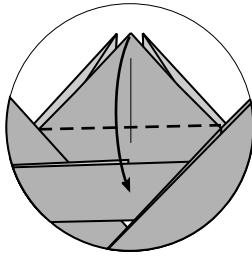


37



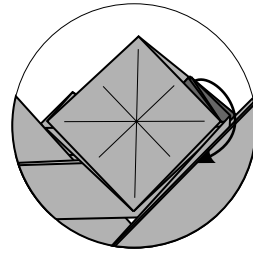
Fold and unfold all layers then enlarge.

38



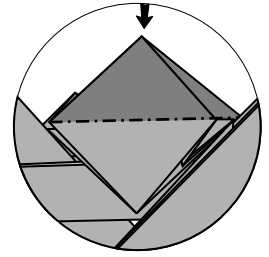
Fold down the first layer.

39



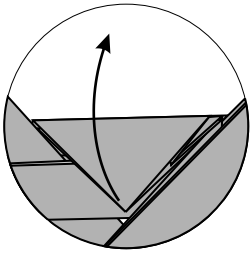
Fold down the inside layer (dark layer).

40



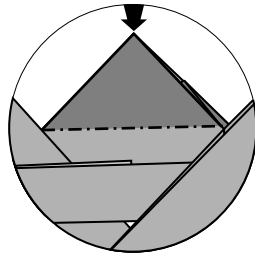
Open sink the dark layer.

41



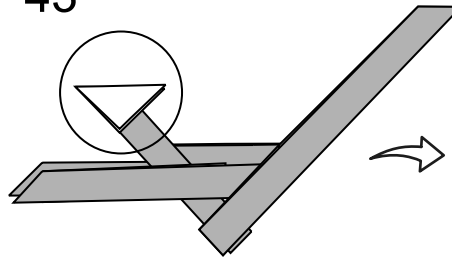
Unfold.

42



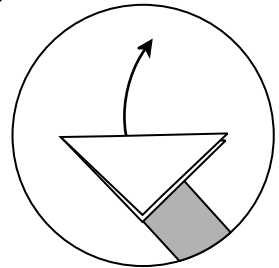
Open sink and return to normal view.

43



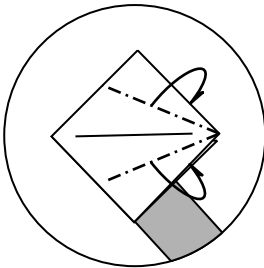
Enlarge view of the head area.

44



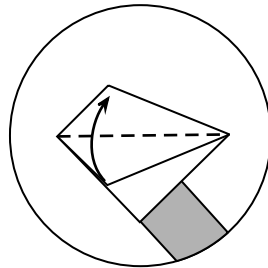
Open behind.

45



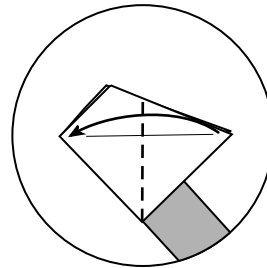
Inside reverse folds.

46



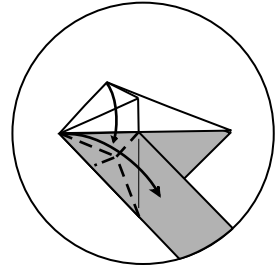
Bring the first layer up.

47



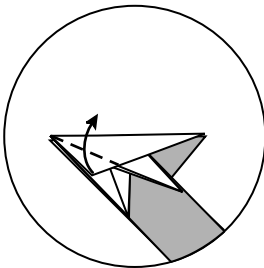
Valley fold the layer.

48



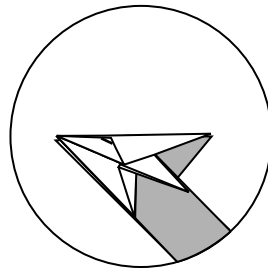
Rabbit ear fold and close the top layer.

49



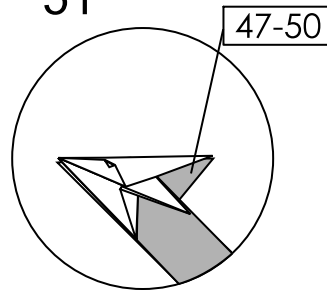
Fold up.

50



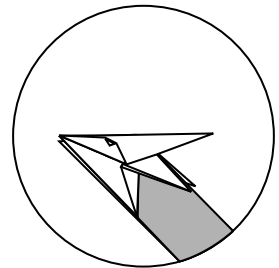
Mountain fold a little to make the eye.

51



Repeat step 47 - 50 on the other side.

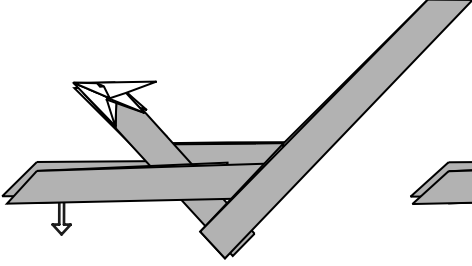
52



Complete folding the head.

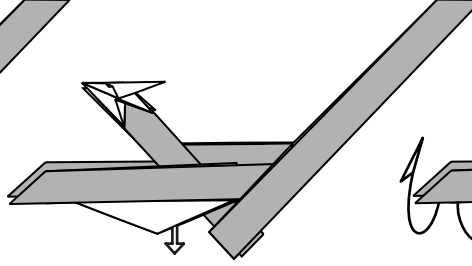


53



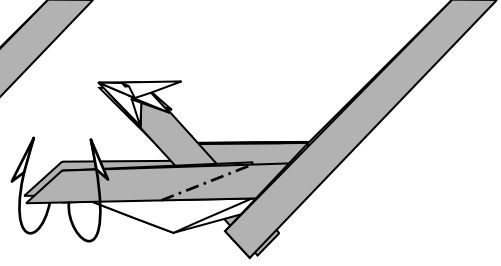
Pull out the central hidden layer.

54



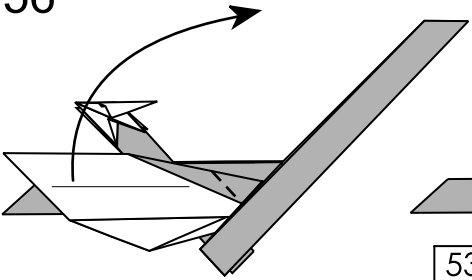
Pull out another hidden layer.

55



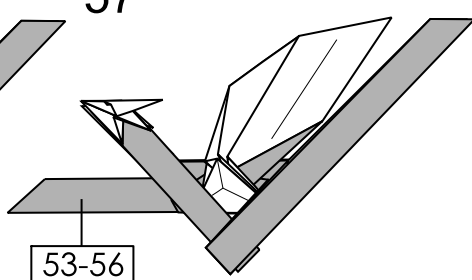
Outside reverse fold.

56



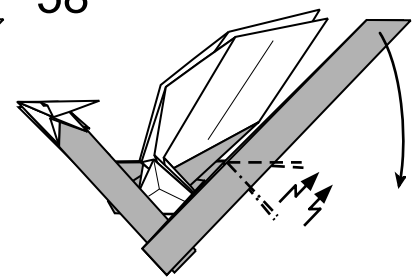
Valley fold to bring the wing up.

57



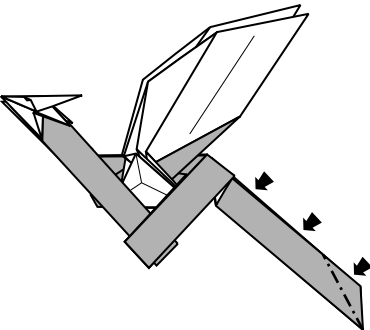
Repeat 53 - 56 on the other wing.

58



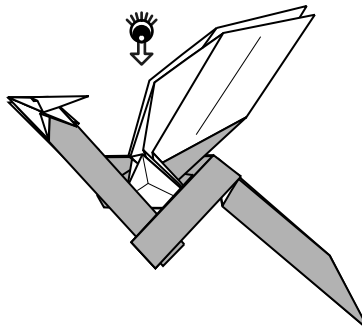
Pleat fold.

59



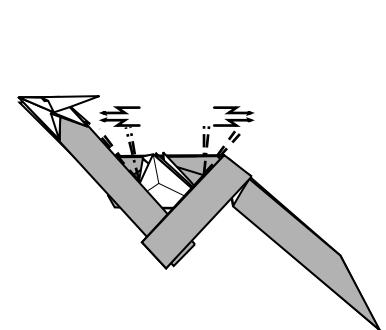
Spread 3 layers inside the tail.

60



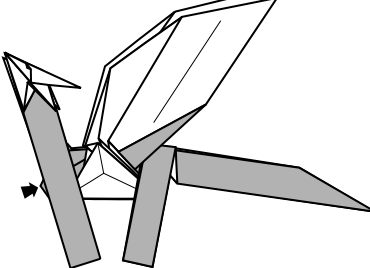
View inside the wings.

61



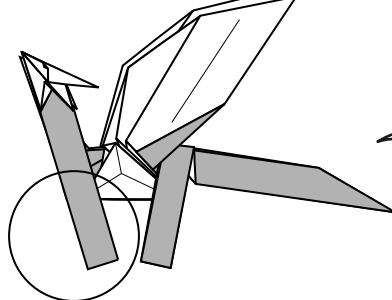
Pleat folds.

62



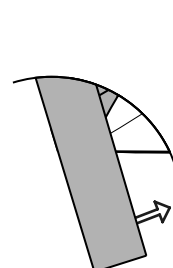
Open sink to hide the layer inside.

63



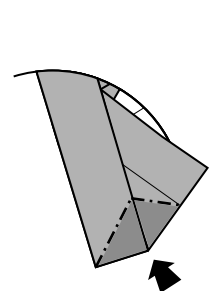
Enlarge the foreleg area.

64



Pull out the first hidden layer.

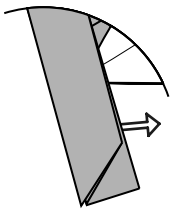
65



Sink the dark area.

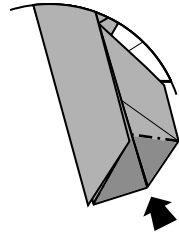


66



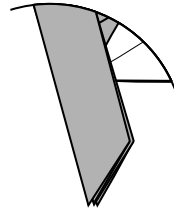
Pull out the last hidden layer.

67



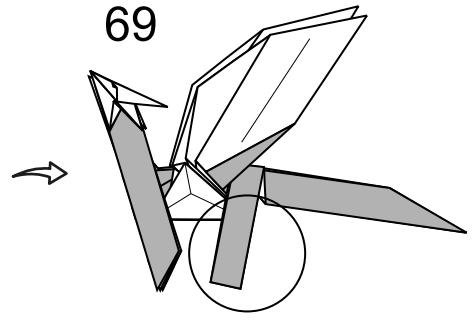
Do the same as step 65.

68



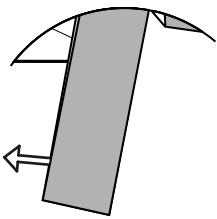
Finish folding the foreleg.

69



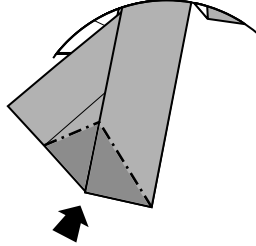
Enlarge view of the hindleg area.

70



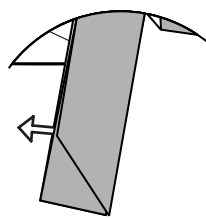
Pull out the first hidden layer.

71



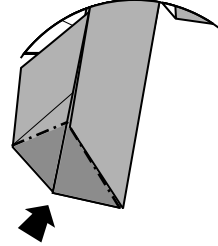
The same as step 65.

72



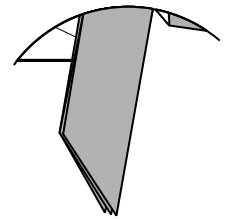
Pull out another hidden layer.

73



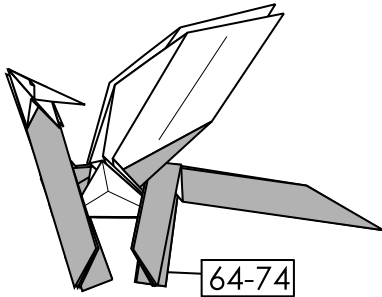
The same as step 65.

74



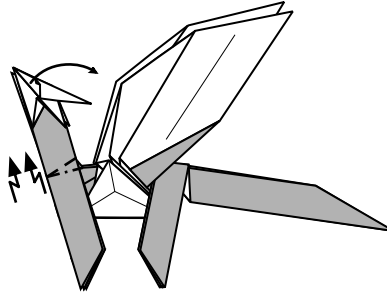
Return to normal view.

75



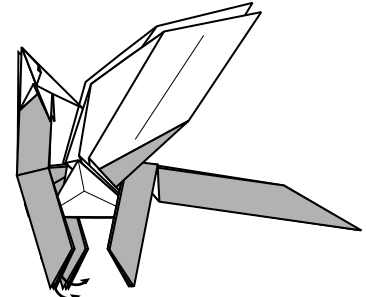
Repeat step 64 - 74 on the other side.

76



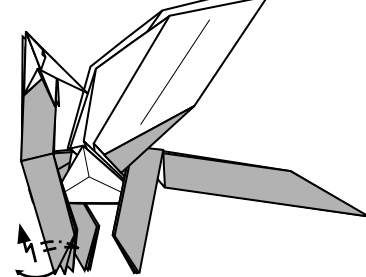
Pleat fold.

77



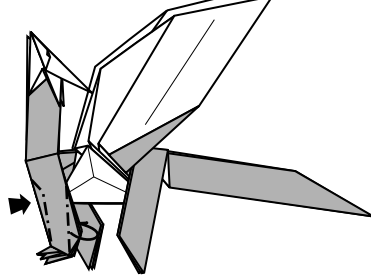
Pull out all the toes' layers.

78



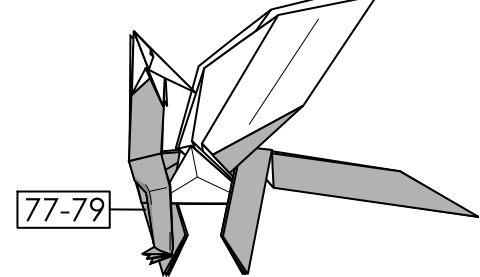
Pleat fold.

79



Hide the layers inside.

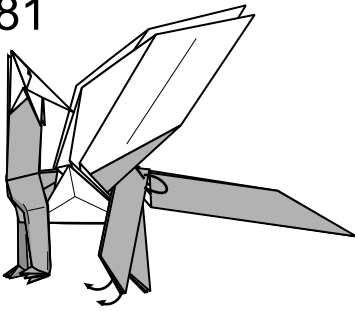
80



Repeat step 77 - 79 behind.

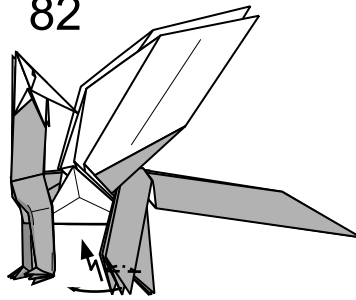


81



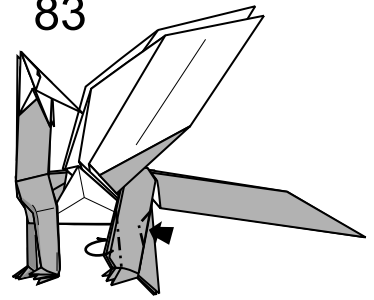
Mountain fold the corner and pull out the toes.

82



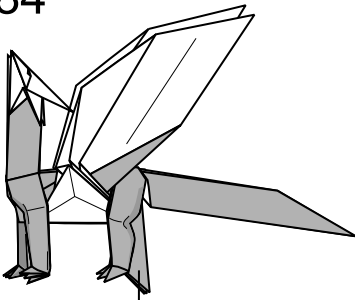
Pleat fold.

83



Hide the layers inside.

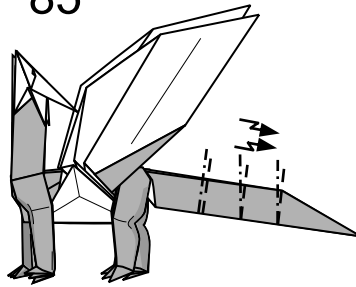
84



81-83

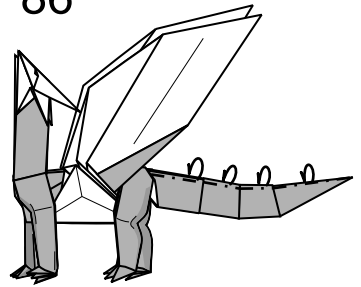
Repeat step 81 - 83 behind.

85



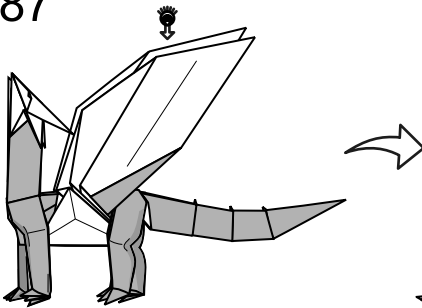
Pleat folds the tail.

86



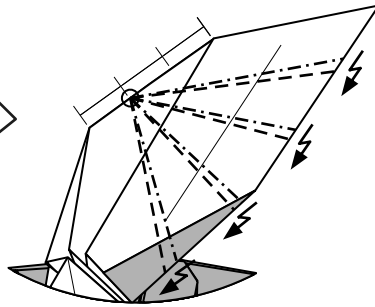
Mountain folds.

87



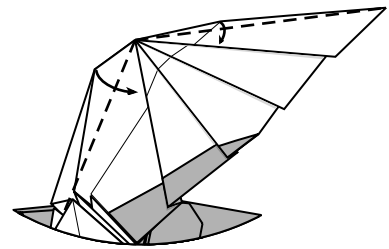
Enlarge the wing.

88



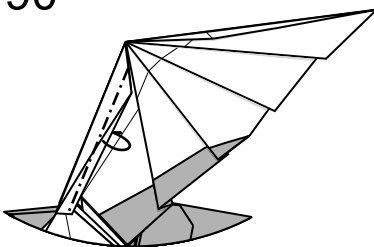
Pleat folds.

89



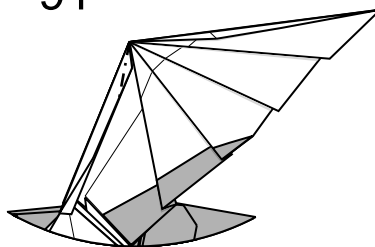
Fold down.

90



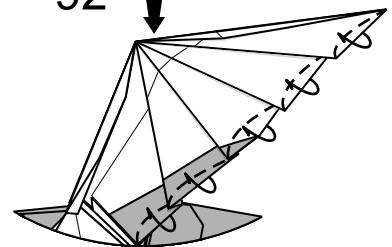
Hide the layer inside.

91



Hide the layer inside.

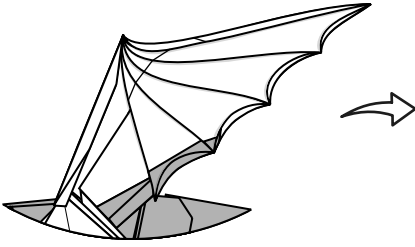
92



Fold along the curve lines and shape the edge of wing.

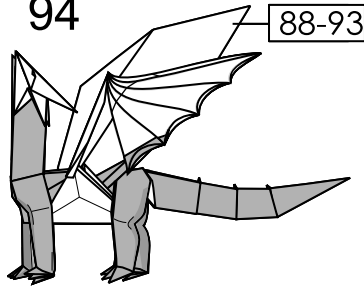


93



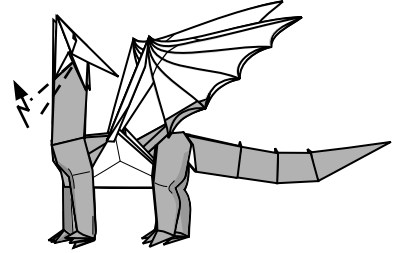
Return to normal view.

94



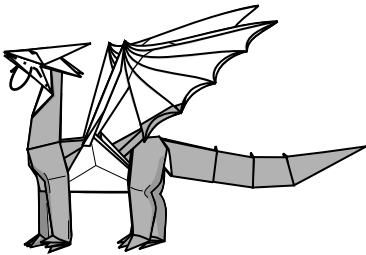
Repeat step 88 - 93 on the other wing.

95



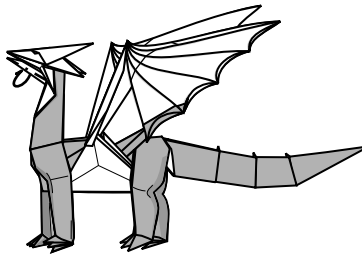
Crimp fold.

96



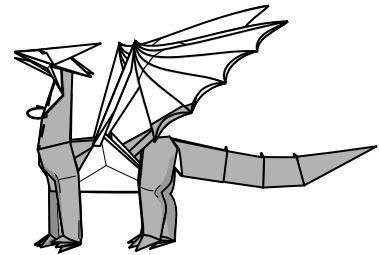
Mountain fold the first layer inside.

97



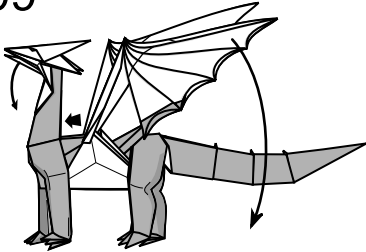
Mountain fold the lower jaw.

98



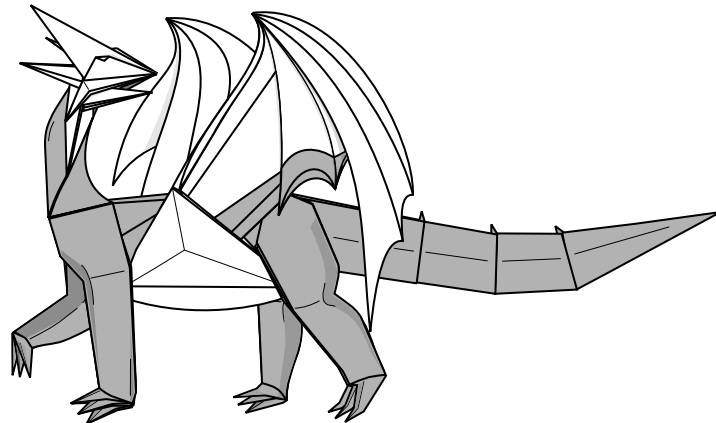
Mountain fold on the neck.

99



Fold down the wings and open the lower jaw then shape the neck.

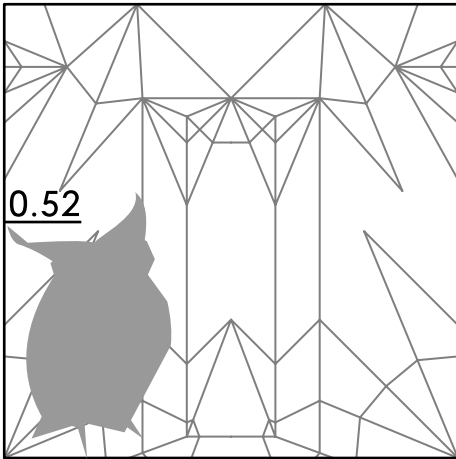
100



Larva Wurm completed.







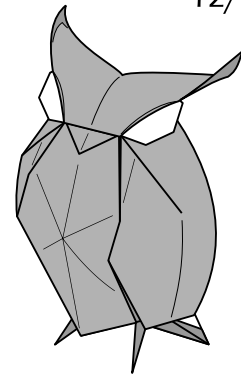
# Owl

## Hibou

Nguyen Hung Cuong

12/03/2009

Level / Niveau : ★★★  
 Time to fold / Pliage : 45 min  
 Paper size /  
 Taille du papier : 15x15cm

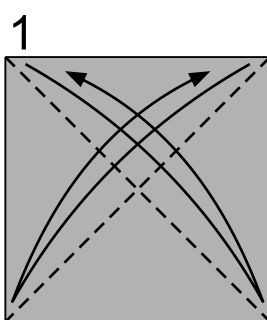


The idea of this design is a 3D standing owl. I used many curves and clean lines to form the fat body. The head was inspired by the Great Horned Owl, which has tufted feathers near its eyes that look like horns.

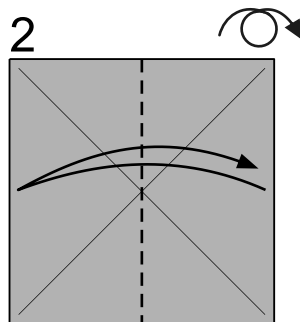
**Note:** The sharper you pre-crease this model, the easier it will be fold. And be aware that from step 25 the model will not lie flat.

*L'idée derrière ce modèle était de plier un hibou debout et en 3D. J'ai utilisé de nombreuses courbes avec des lignes épurées pour former le ventre rebondi. La tête m'a été inspirée par le Grand Duc, qui possède de longues aigrettes telles des cornes à proximité des yeux.*

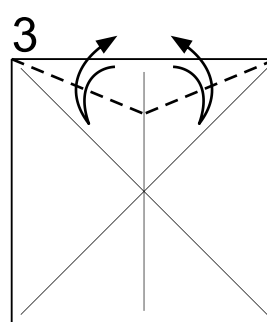
**Note :** Plus votre pré-plier sera marqué, plus le pliage en sera facilité. Attention, à partir de l'étape 25, le pliage est en 3D.



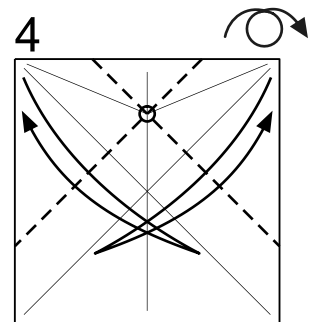
1  
Color side up.  
Fold and unfold.



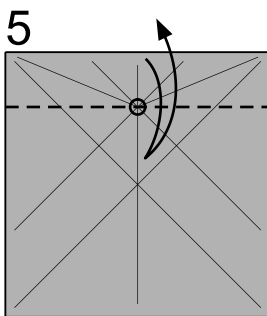
2  
Fold and unfold.  
Turn over.



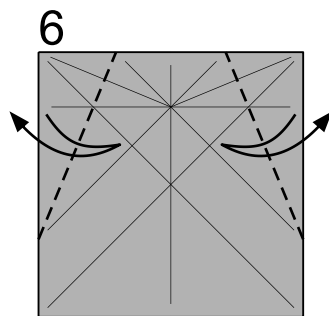
3  
Fold angle bisectors  
and unfold.



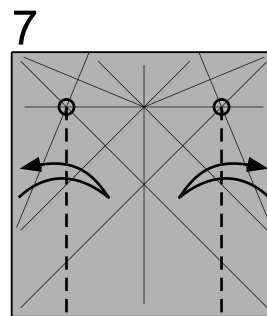
4  
Fold and unfold.  
Turn over.



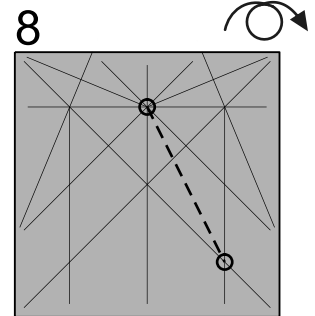
5  
Fold and unfold.



6  
Fold angle bisectors  
and unfold.

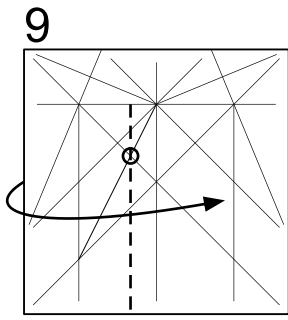


7  
Fold and unfold.

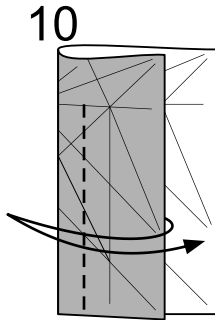


8  
Make crease  
connecting circled  
points. Turn over.

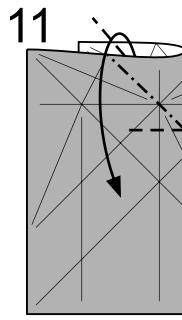




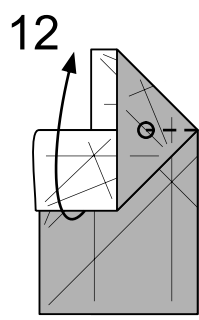
9  
Fold the edge to the right.



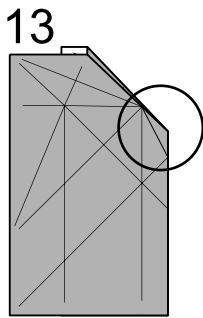
10  
Fold and unfold.  
Turn over.



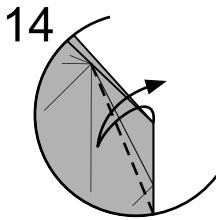
11  
Squash-fold.



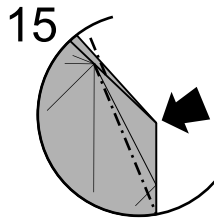
12  
Fold the edge up,  
noting the circled point.



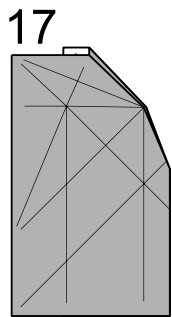
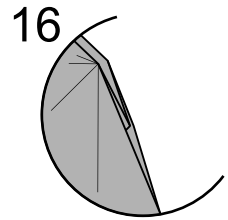
13  
Zoom in.



14  
Fold angle bisector and  
unfold. It's not the same  
crease you made in step 8.

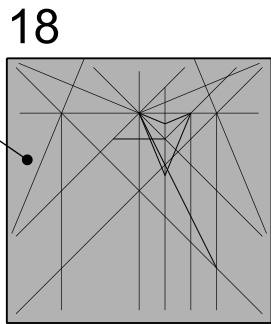


15  
Open sink.

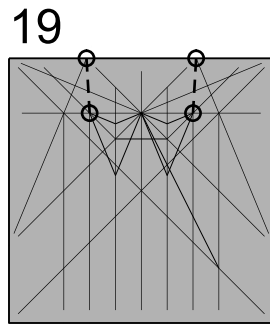


17  
Unfold everything.

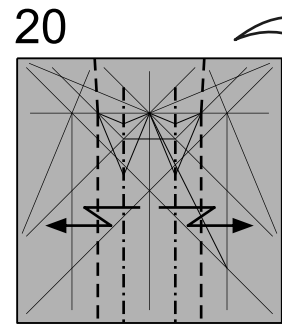
8-17



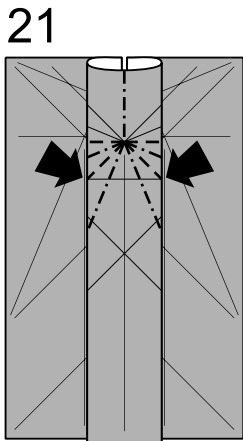
18  
Repeat steps 8-17 on the left.



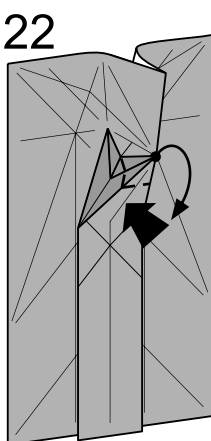
19  
Make creases  
connecting the circled  
points.



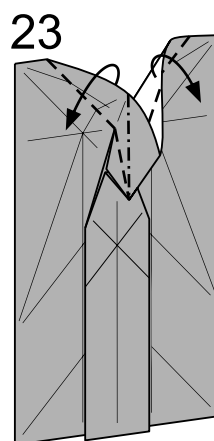
20  
Pleat-folds.



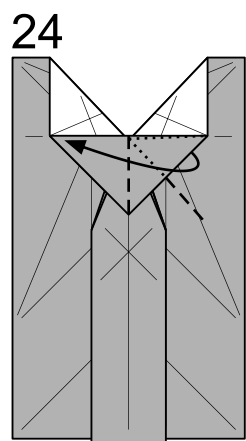
21  
Open sink in and out.



22  
Fold the corner down  
and squash.

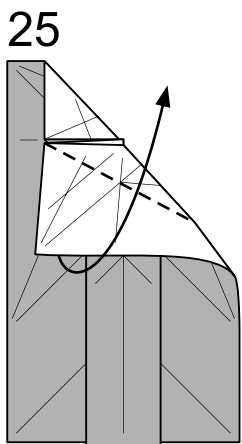


23  
Squash-fold.

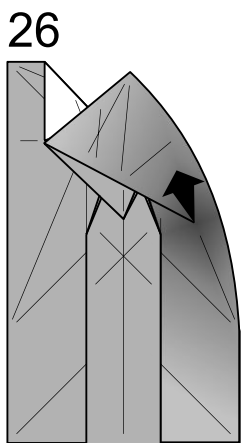


24  
Squash-fold.

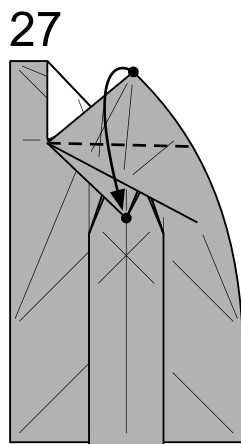




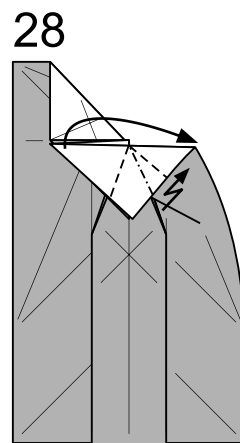
25  
Fold the corner up using existing crease.



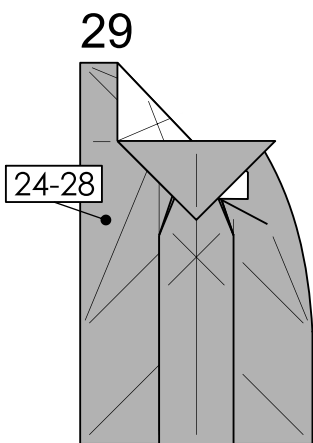
26  
Pop the corner out.



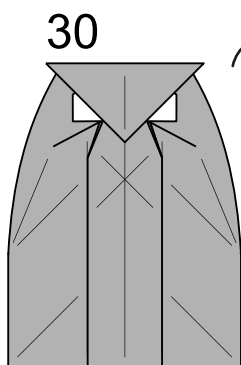
27  
Fold the corner down.



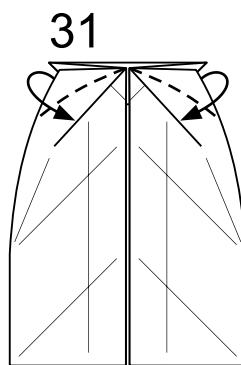
28  
Pleat-fold and bring the corner to the right.



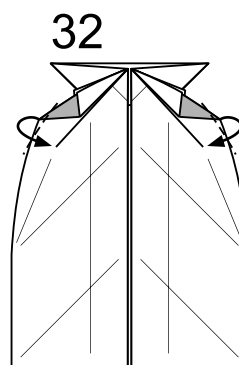
29  
Repeat steps 24-28 on the left.



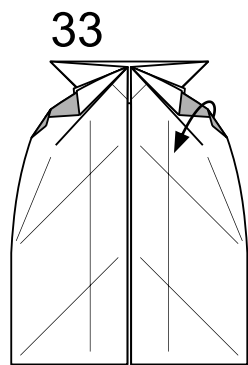
30  
Turn over.



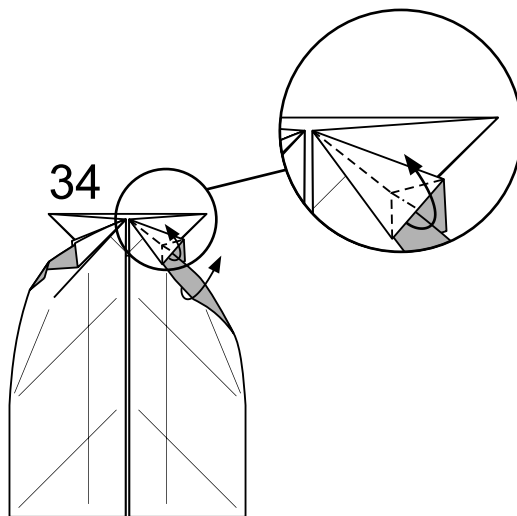
31  
Fold the corners down.



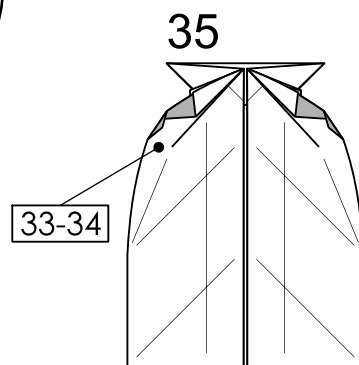
32  
Fold the corners.



33  
Fold the edge down.



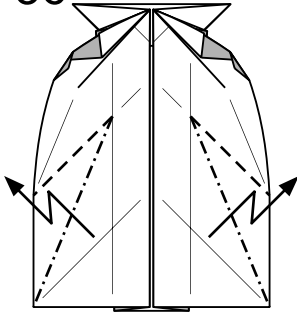
34  
Inside reverse-fold.



35  
Repeat steps 33-34 on the left.

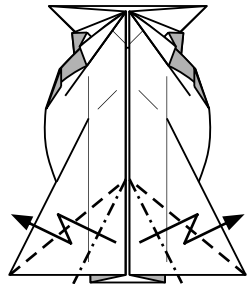


36



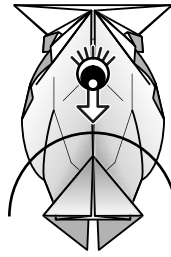
Pleat-folds.

37



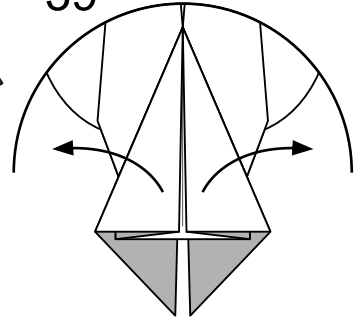
Pleat-folds through all layers.

38



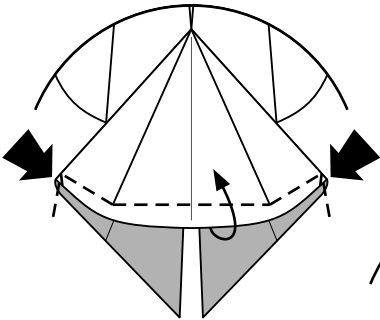
Look inside the model.

39



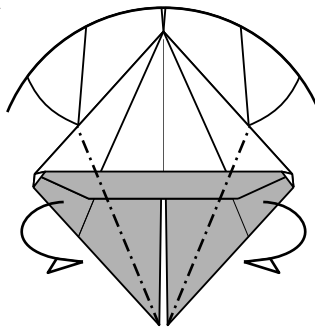
Open the top layers.

40



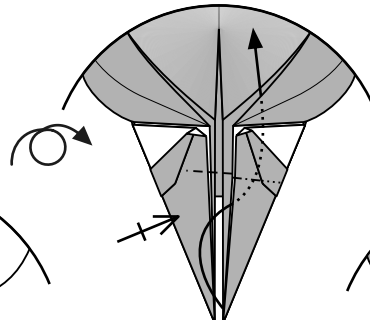
Fold the edge up and squash.

41



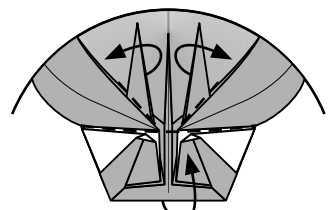
Mountain-folds.  
Turn over.

42



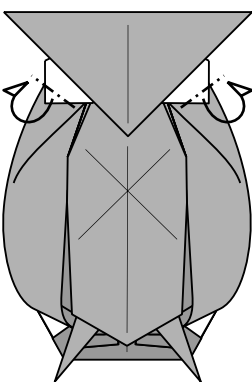
Inside reverse-fold.  
Repeat on the left.

43



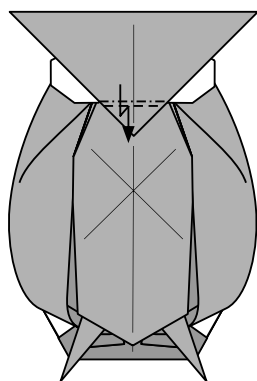
Use valley-folds to "lock"  
the model.

44



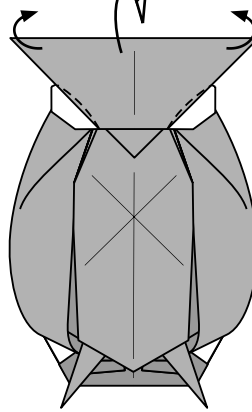
Mountain-folds.

45



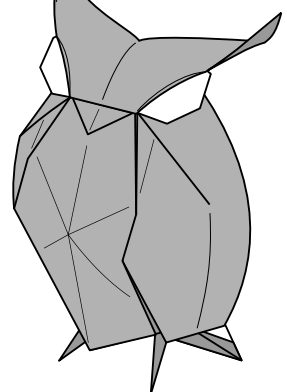
Pleat-fold.

46



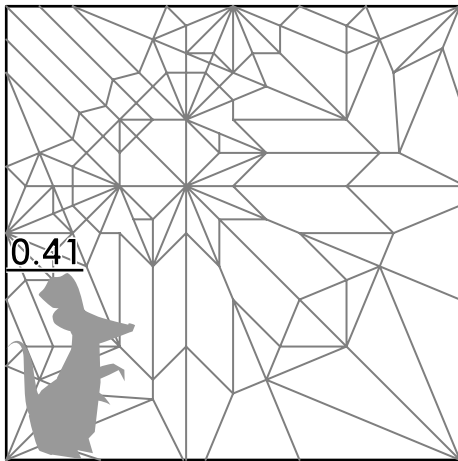
Shape the head.

47



Completed owl.





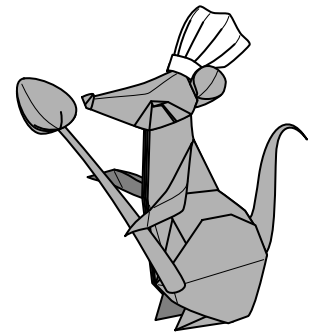
0.41

# Chef Rat

Nguyen Hung Cuong

xx/03/2008

Level / Niveau : ★★★★★  
 Time to fold / Pliage : 2h  
 Paper size /  
 Taille du papier : 35x35cm

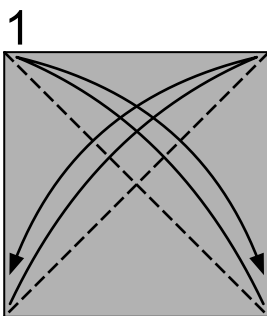


I designed this model to celebrate The Year of the Rat. It was inspired by a character from the movie Ratatouille. The Rat and his hat are folded from one uncut square; and the spoon is from another piece of paper. You can modify the hat into any kind of hat you like. Have fun!

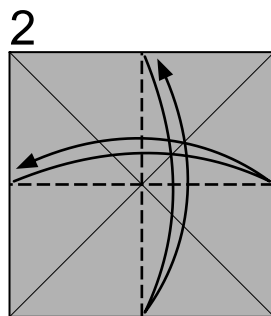
**Note:** Please do the pre-crease steps precisely, as this will help you get through some more difficult steps afterward.

*J'ai conçu ce modèle pour célébrer l'Année du Rat. Je me suis inspiré du héros du film Ratatouille. Le rat et sa toque sont pliés à partir d'un seul carré non coupé, et la cuillère est réalisée avec un autre morceau de papier. Vous pouvez modifier la toque en créant tous les types de chapeau que vous voulez. Amusez-vous !*

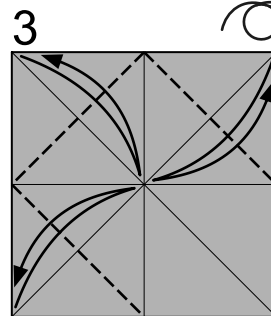
**Remarque :** Suivez les étapes de pré pliage très précisément. Cela vous aidera à passer quelques étapes délicates.



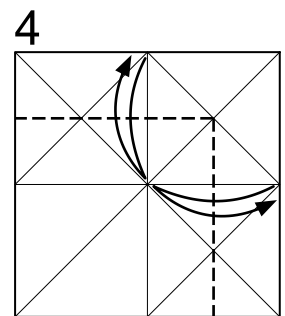
1  
Color side up. Fold and unfold.



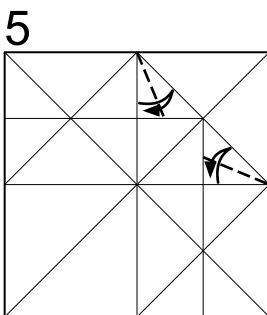
2  
Fold and unfold.



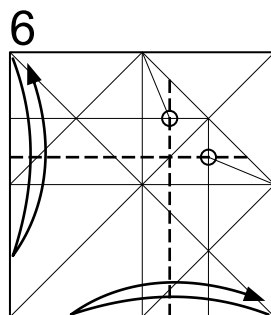
3  
Fold the corners to the intersection and unfold. Turn over.



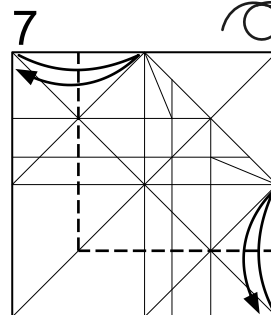
4  
Fold the edges to the creases and unfold.



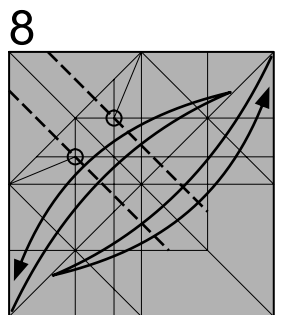
5  
Fold angle bisectors and unfold.



6  
Make creases using marked points.

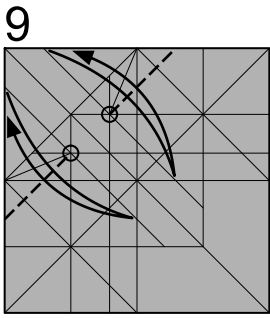


7  
Fold the edges to the creases and unfold. Turn over.

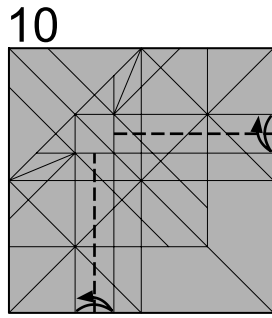


8  
Make creases using marked points.

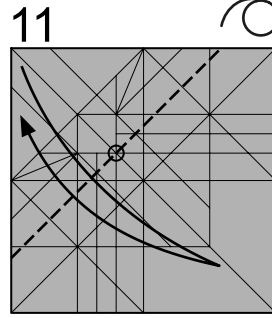




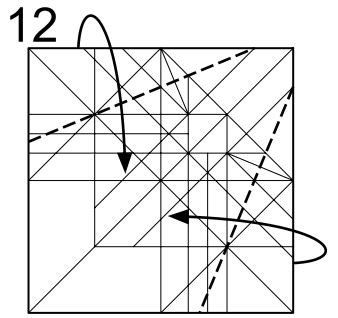
9  
Make creases using marked points.



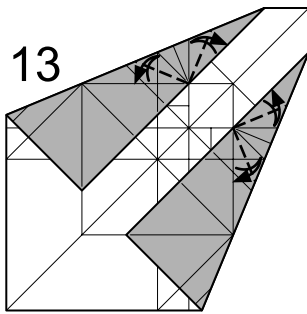
10  
Fold and align the creases and unfold.



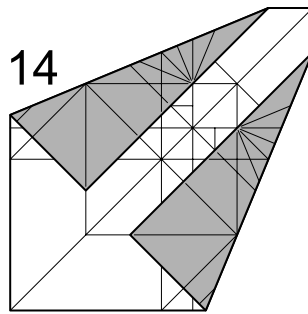
11  
Make crease using marked points. Turn over.



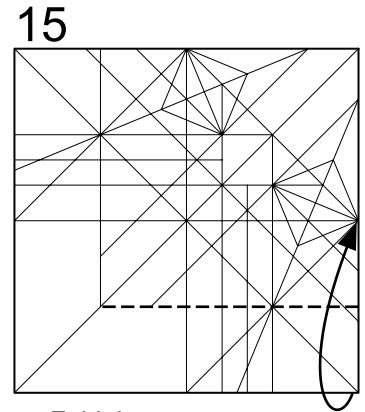
12  
Fold angle bisectors.



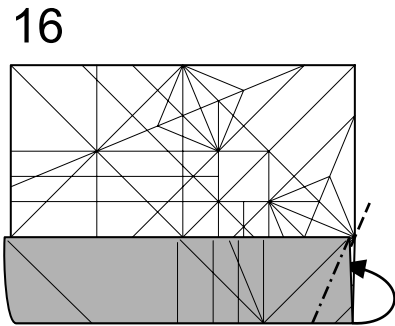
13  
Fold angle bisectors and unfold.



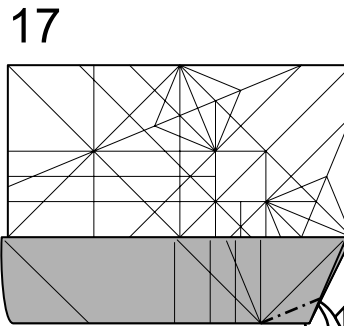
14  
Unfold everything.



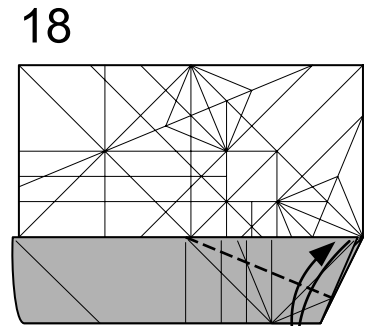
15  
Fold the corner up.



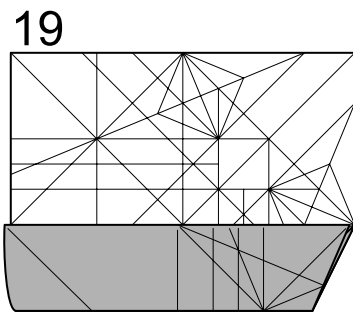
16  
Inside reverse-fold.



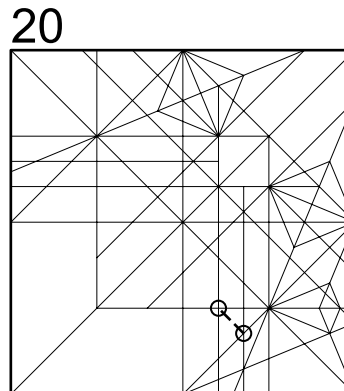
17  
Mountain-fold and unfold.



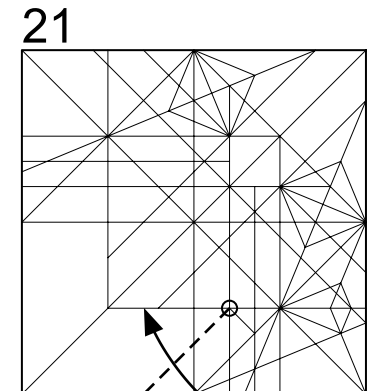
18  
Fold and unfold one layer.



19  
Unfold everything.



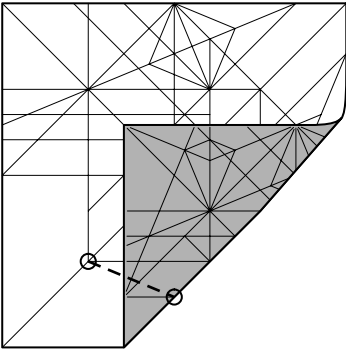
20  
Make crease using marked points.



21  
Fold the bottom edge up using marked point.

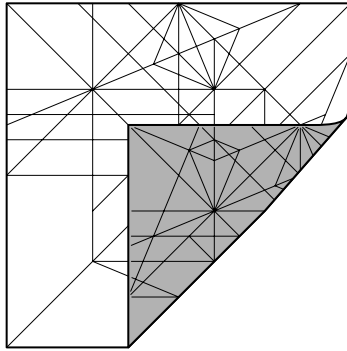


22



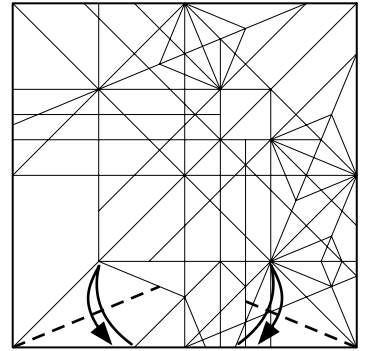
Make crease using marked points.

23



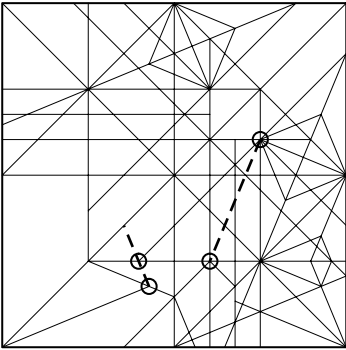
Unfold.

24



Fold angle bisectors and unfold.

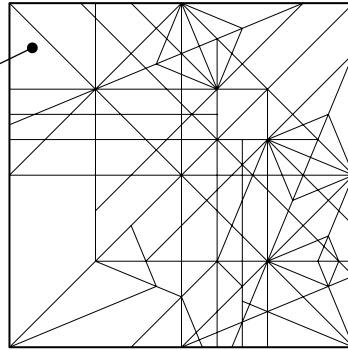
25



Make creases using marked points.

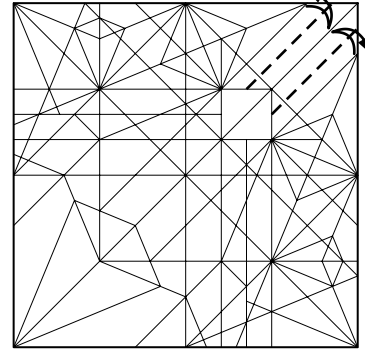
15-25

26



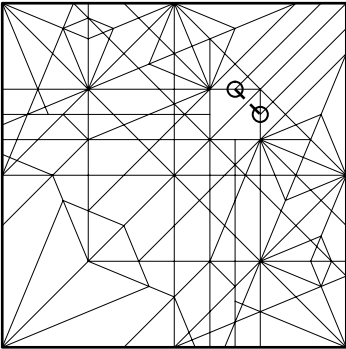
Repeat steps 15-25 on the other side.

27



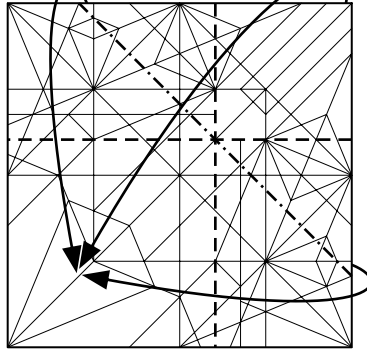
Fold and align the creases and unfold.

28



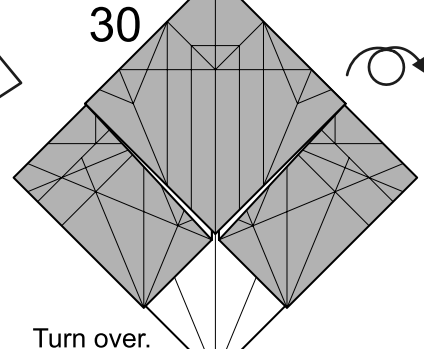
Make crease connecting marked points.

29



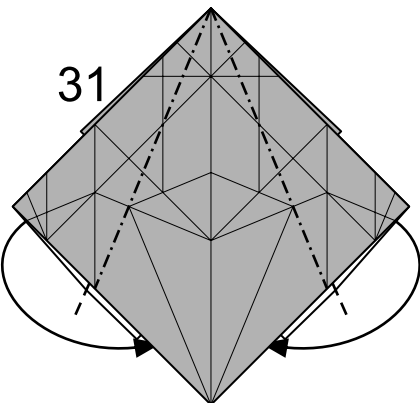
Collapse using existing creases. Rotate the model.

30



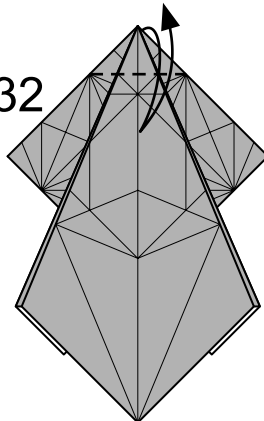
Turn over.

31



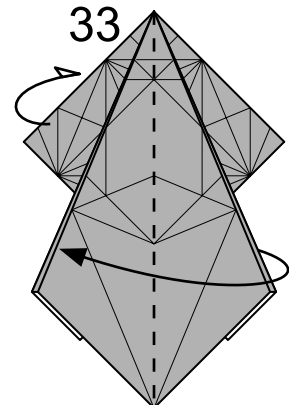
Inside reverse-folds.

32



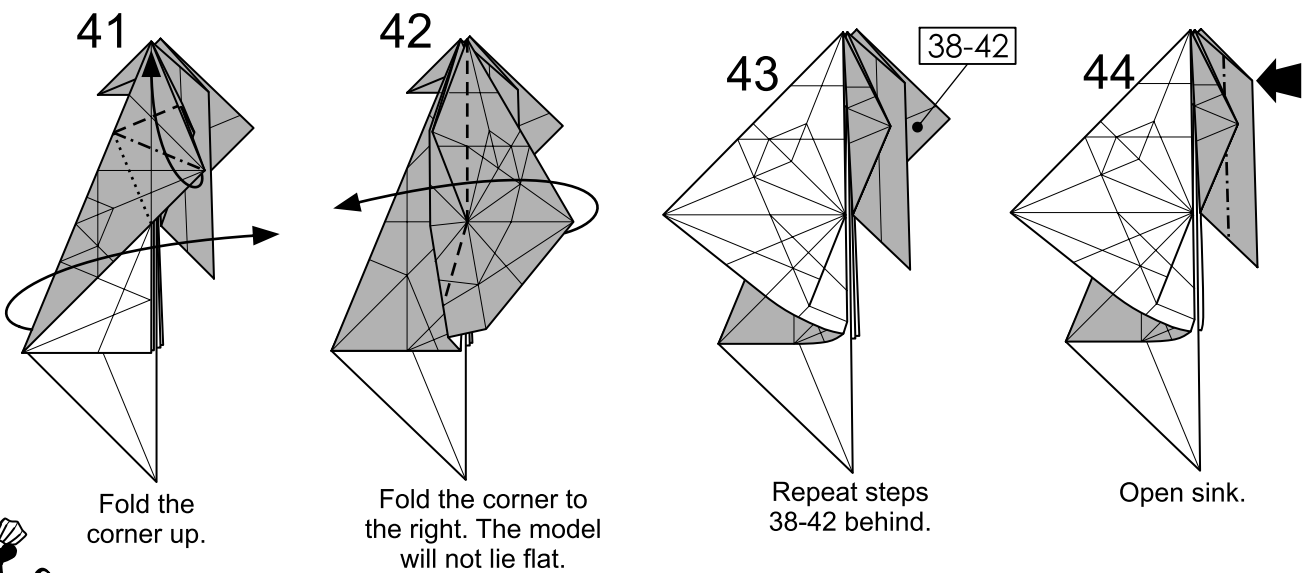
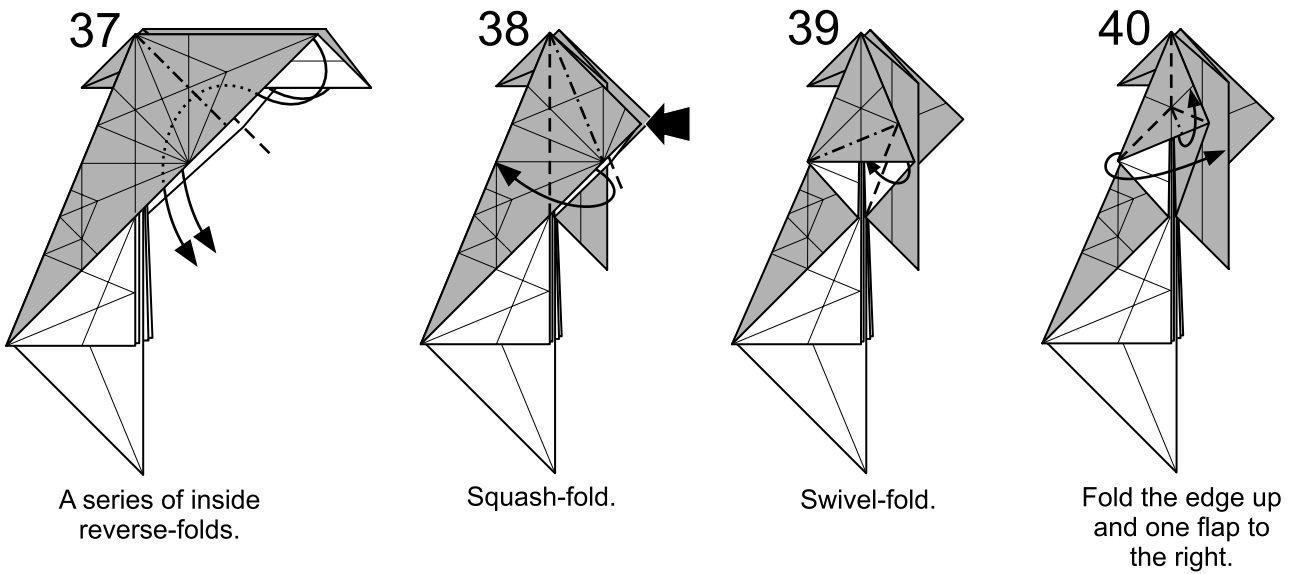
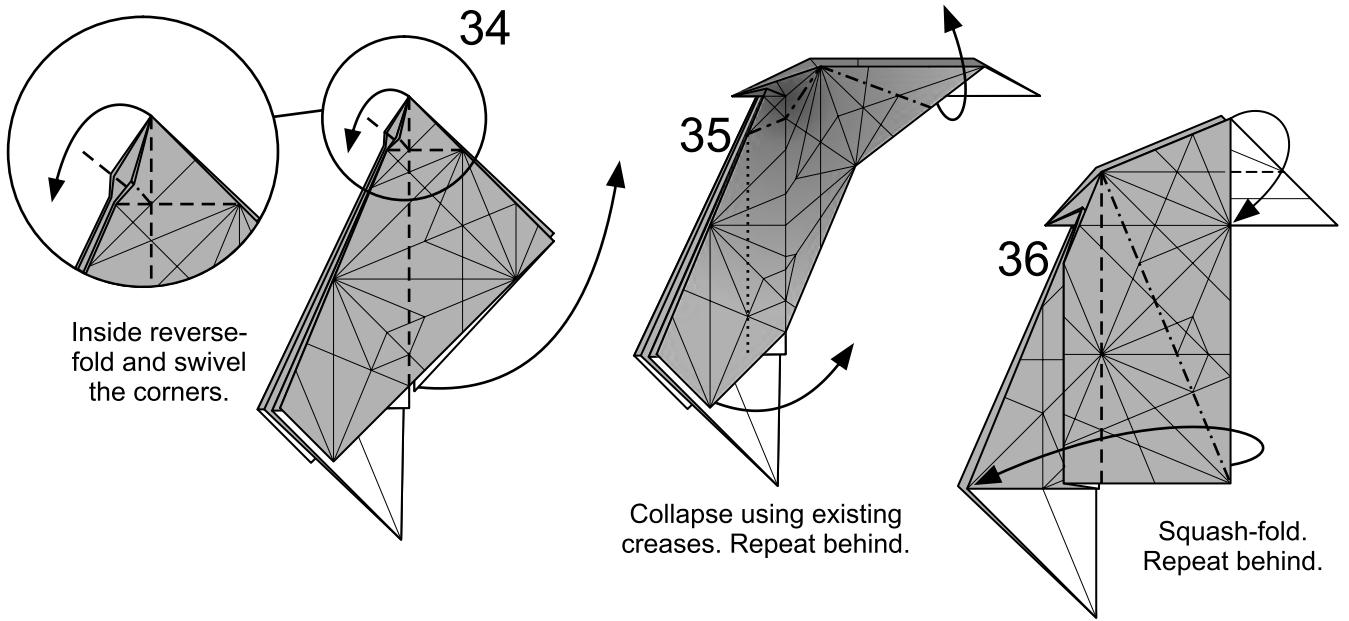
Fold and unfold.

33

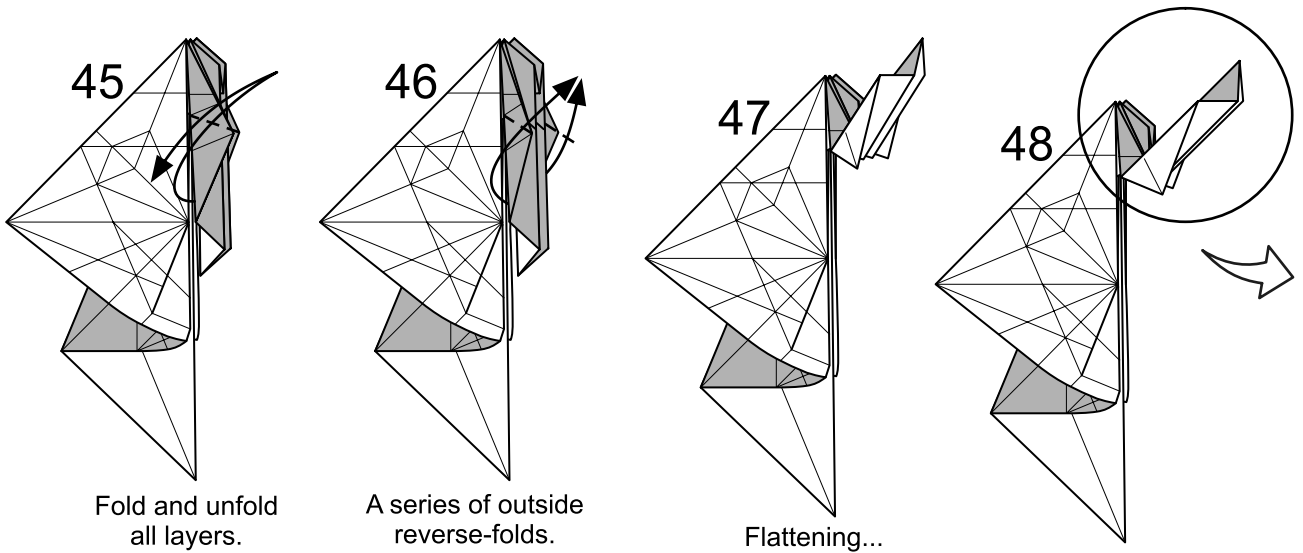


Swivel two flaps to the left and one to the right.





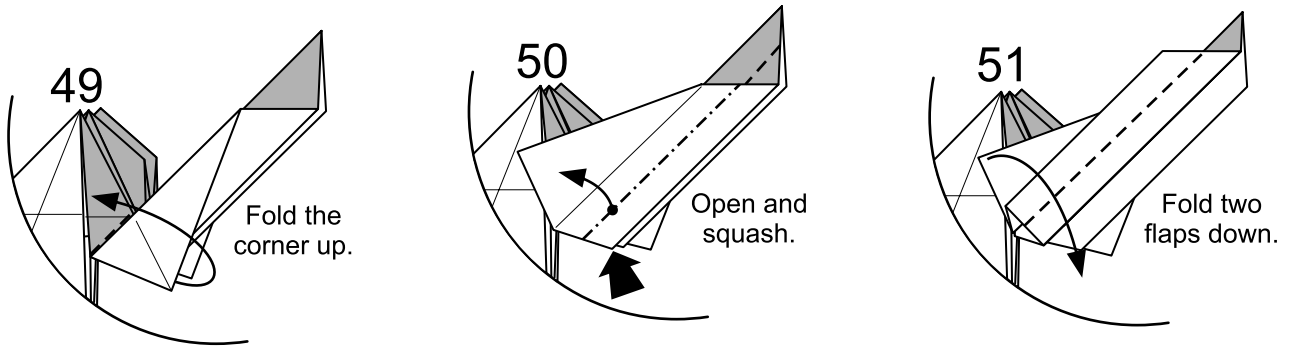




45 Fold and unfold all layers.

46 A series of outside reverse-folds.

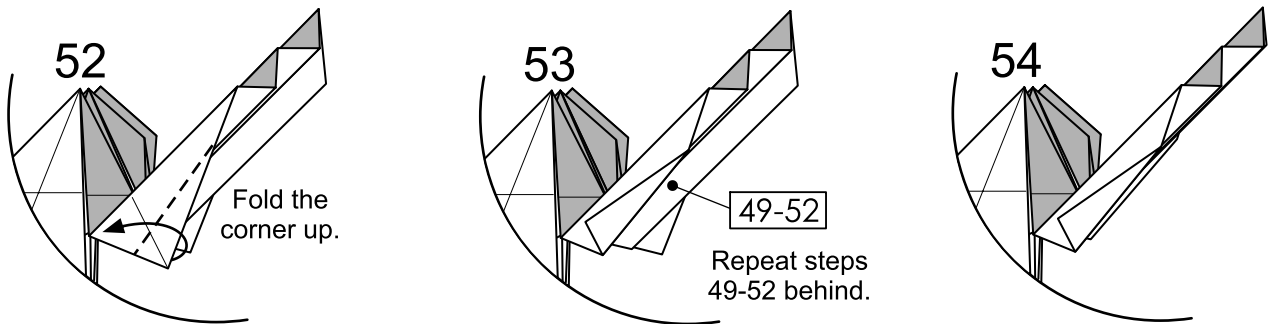
47 Flattening...



49 Fold the corner up.

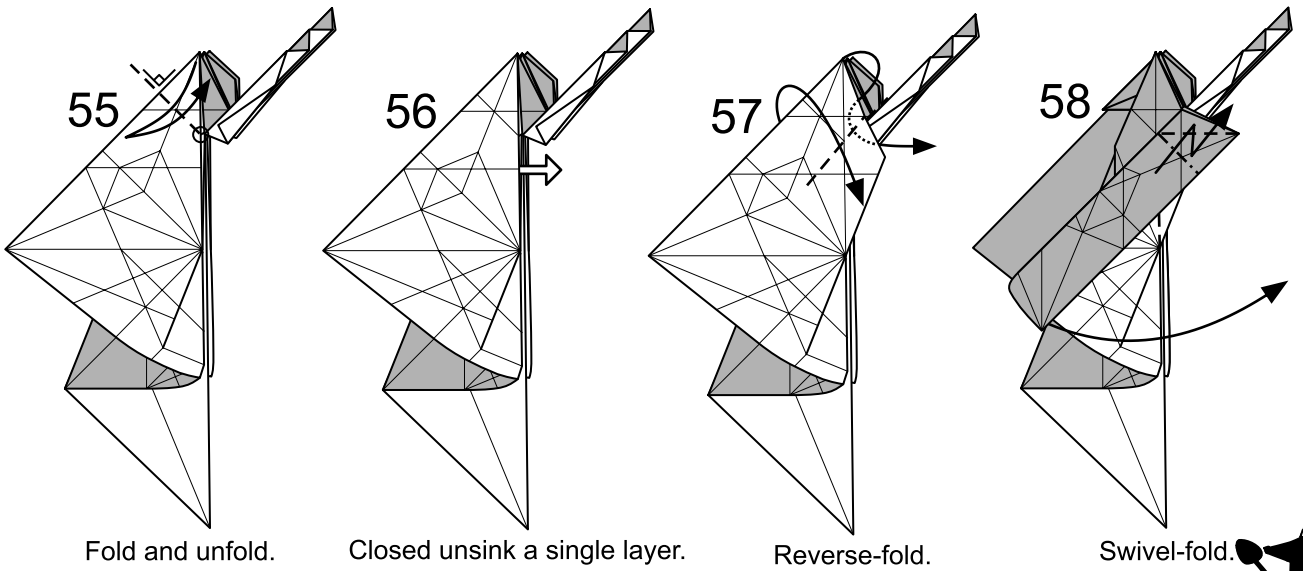
50 Open and squash.

51 Fold two flaps down.



52 Fold the corner up.

53 Repeat steps 49-52 behind.



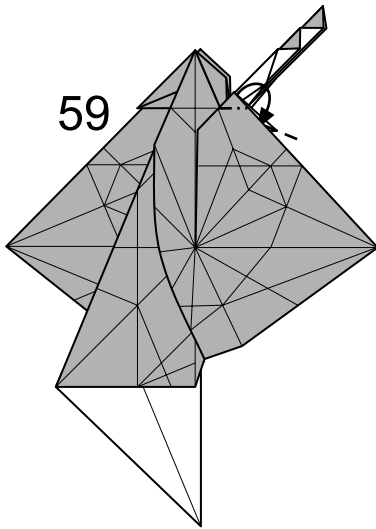
55 Fold and unfold.

56 Closed unsink a single layer.

57 Reverse-fold.

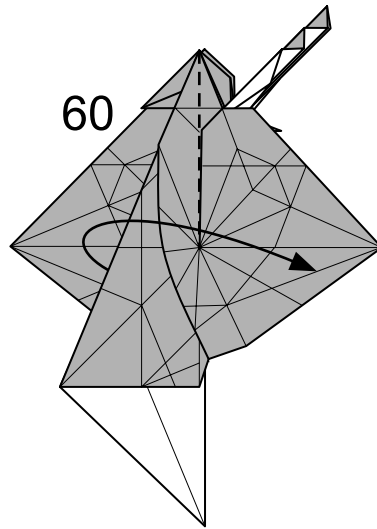
58 Swivel-fold.





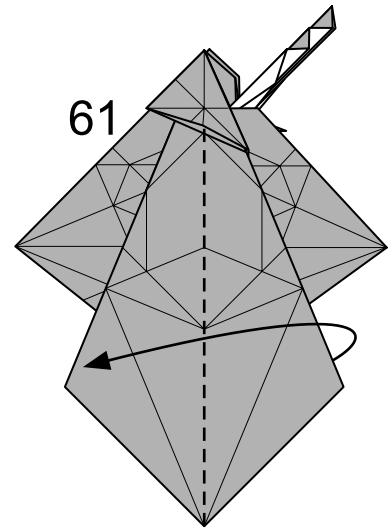
59

Inside reverse-fold.



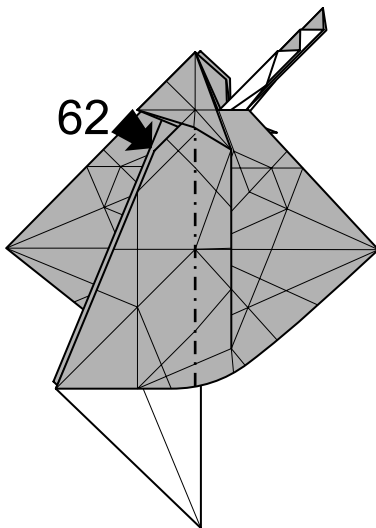
60

Fold two layers to the right.



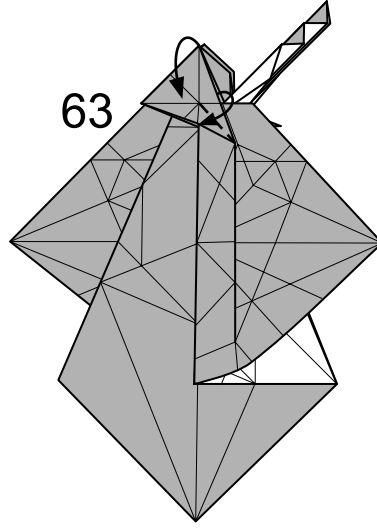
61

Fold one layer to the left.



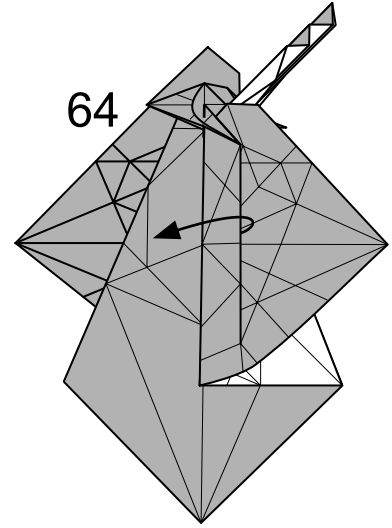
62

Closed sink.



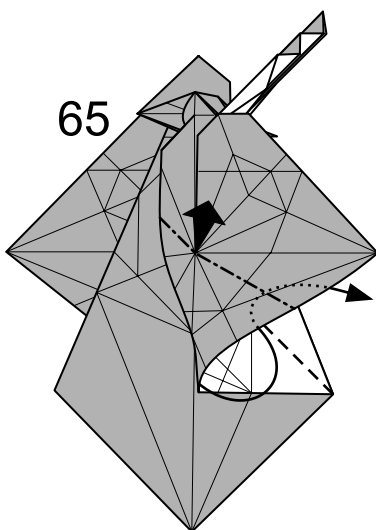
63

Fold the edge down.



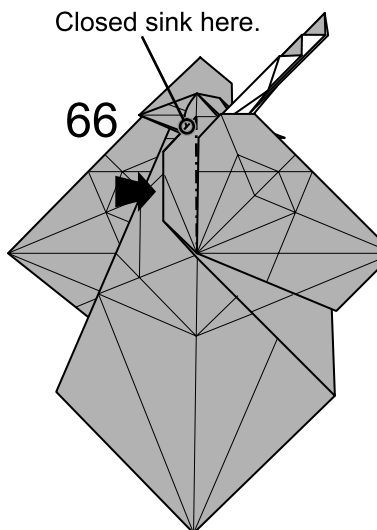
64

Fold the edge to the left.



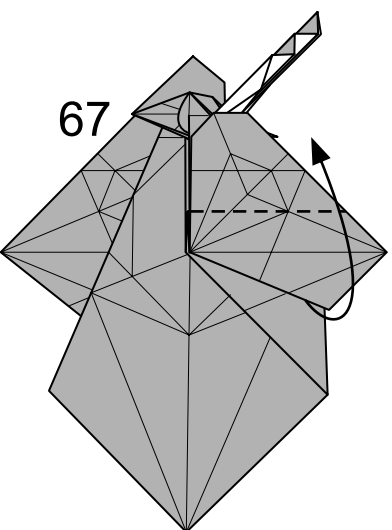
65

Inside reverse-fold.



66

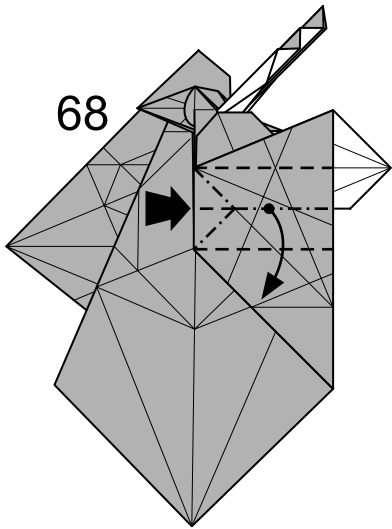
Open sink with a closed sink at the marked point.



67

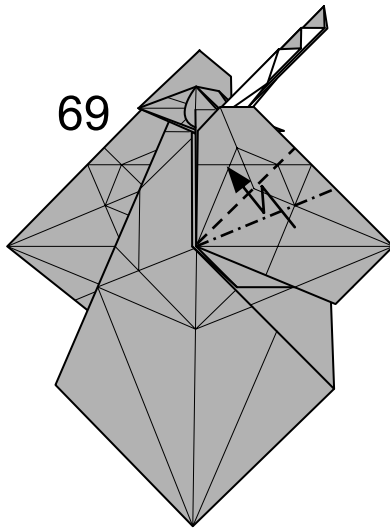
Fold the corner up.





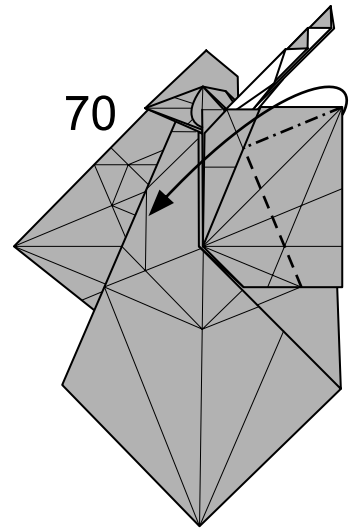
68

Pull down the edge and squash.



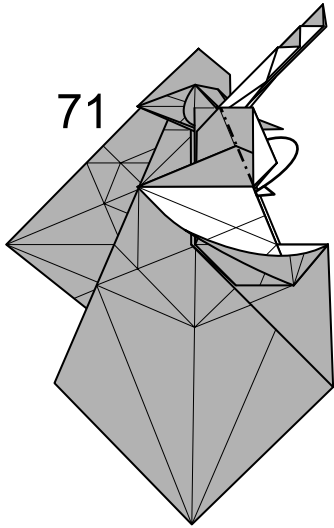
69

Swivel-fold.



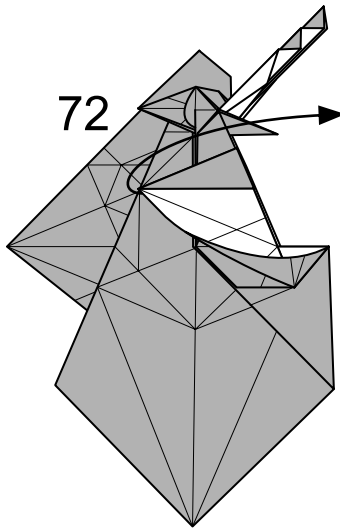
70

Squash-fold.



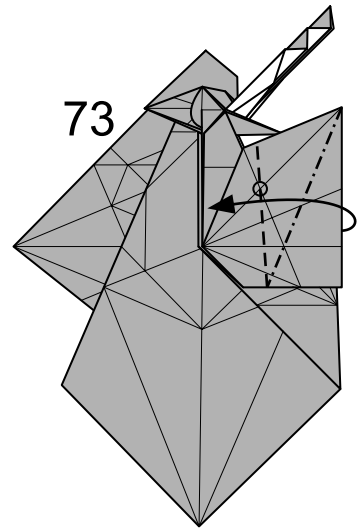
71

Reverse-fold and put the flap into the slot.



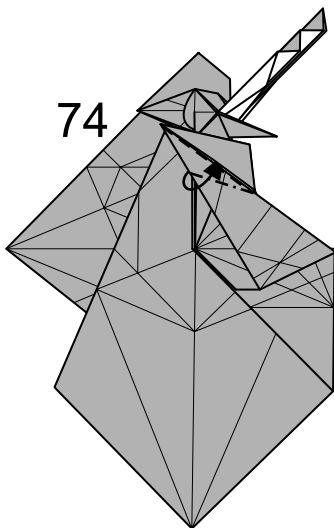
72

Fold the corner back.



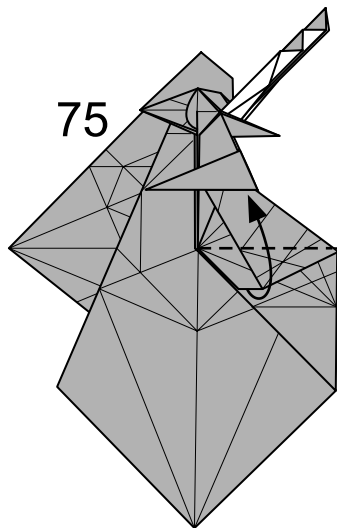
73

Squash-fold using marked point.



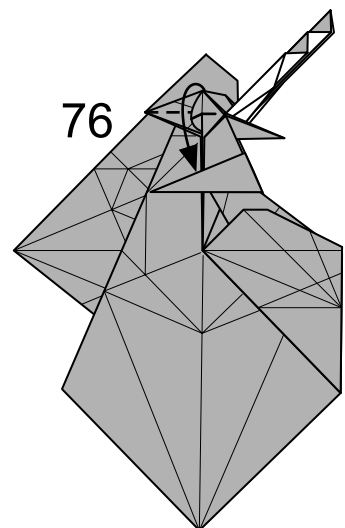
74

Pleat-fold and put the corner into the slot.



75

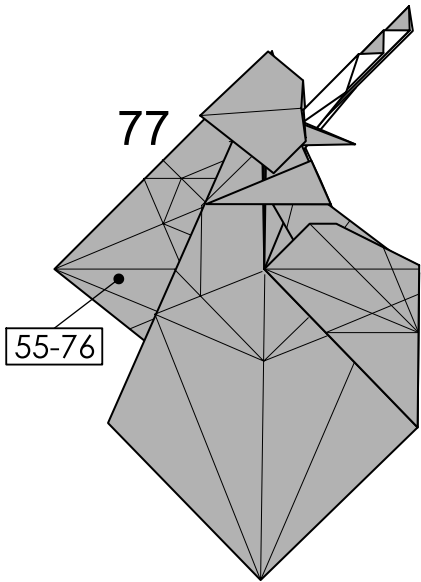
Fold one flap up.



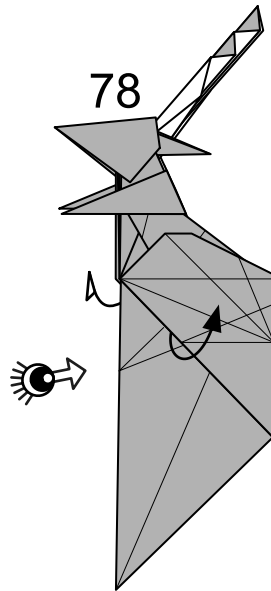
76

Fold the corner down.

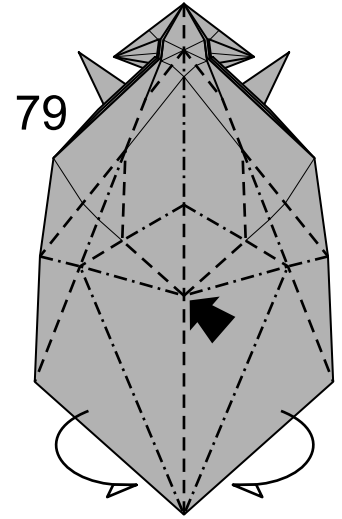




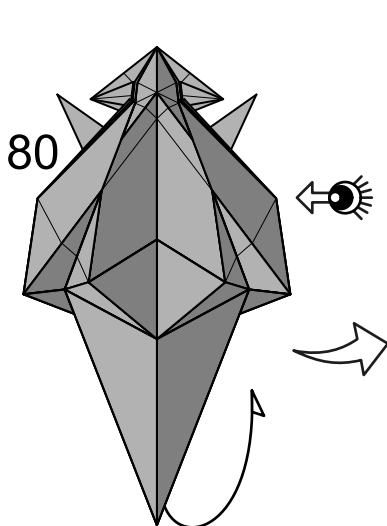
Repeat steps 55-76 behind.



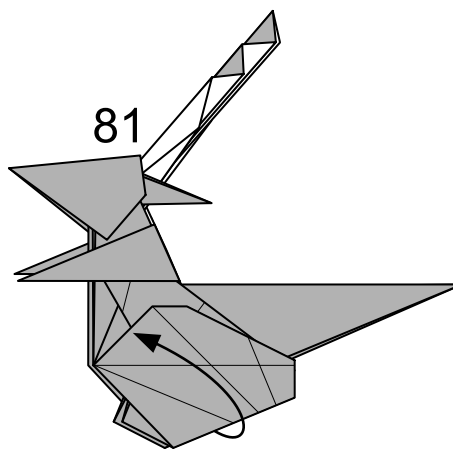
Open the model.



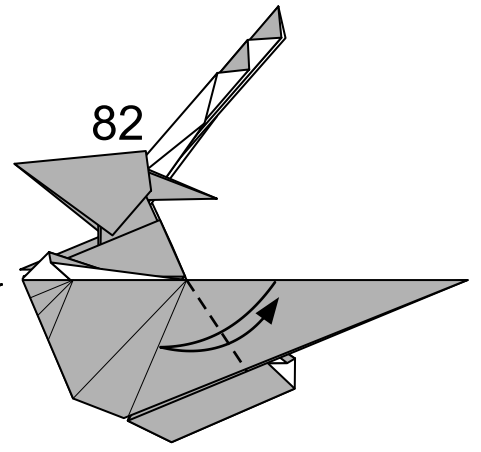
Collapse using existing creases.



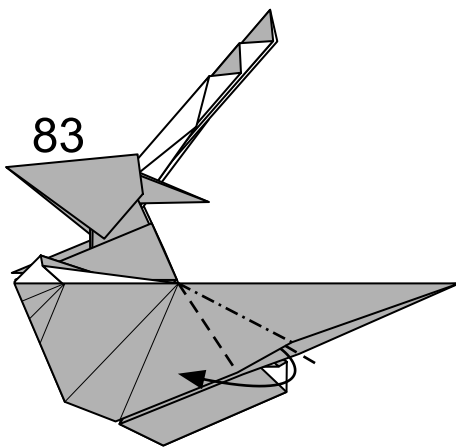
Collapsing...



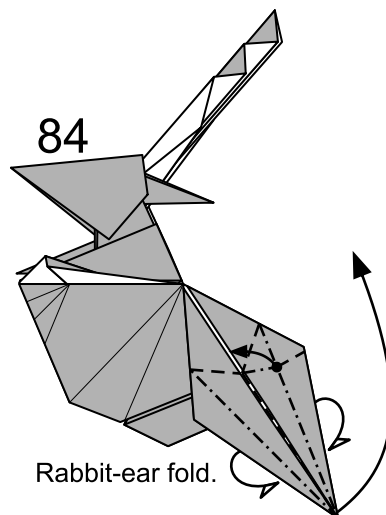
Fold one flap up.



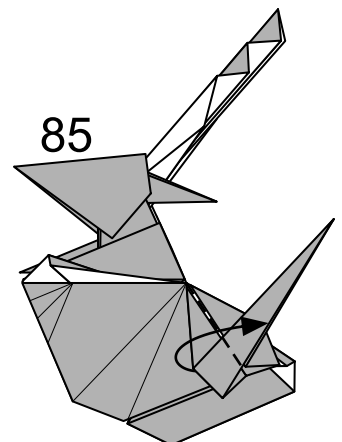
Fold and unfold.



Squash-fold.

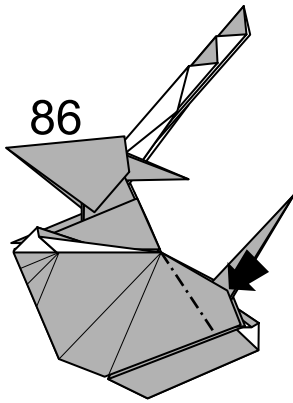


Rabbit-ear fold.



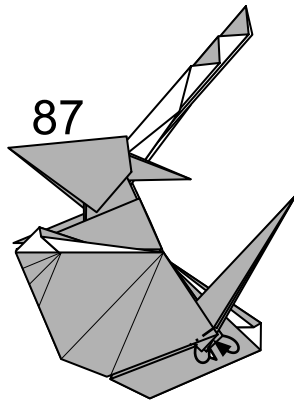
Fold the corner up.





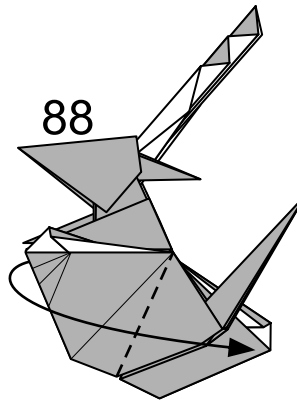
86

Closed sink. Repeat behind.



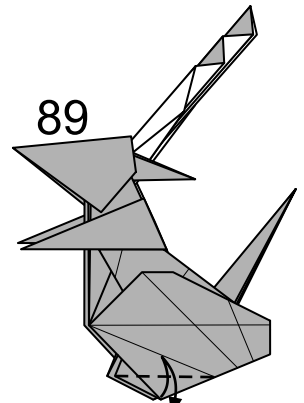
87

Fold inside.



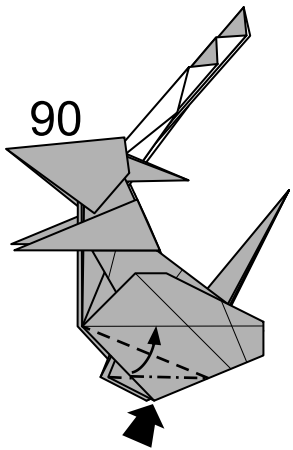
88

Fold the flap back.



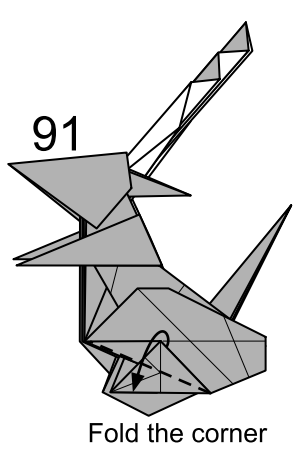
89

Fold and unfold.



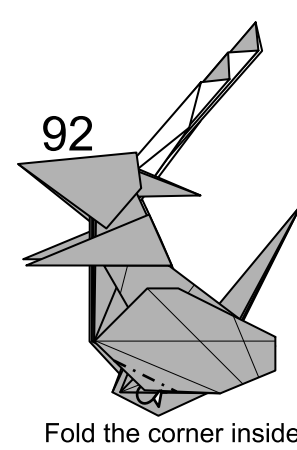
90

Fold one layer up and squash.



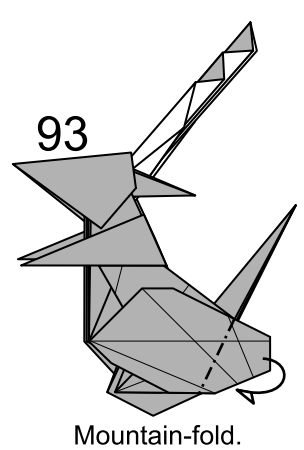
91

Fold the corner back.



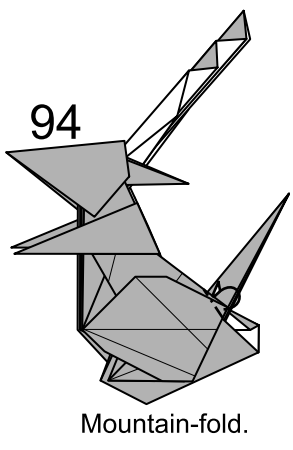
92

Fold the corner inside.



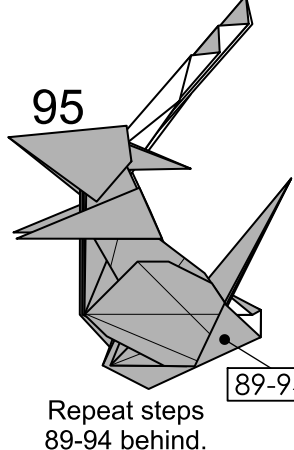
93

Mountain-fold.



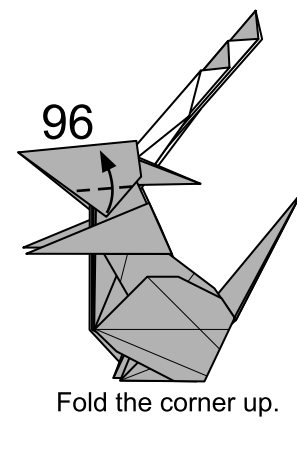
94

Mountain-fold.



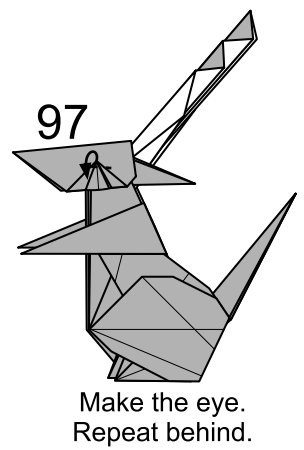
95

Repeat steps 89-94 behind.



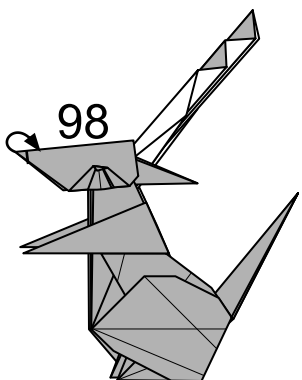
96

Fold the corner up.



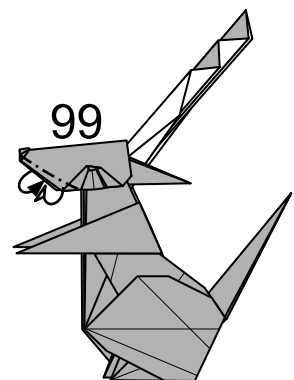
97

Make the eye. Repeat behind.



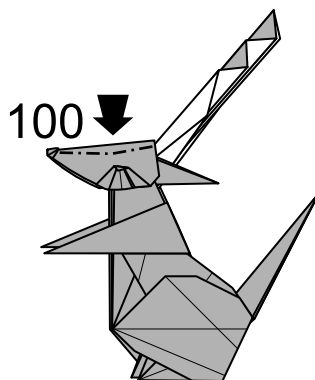
98

Outside reverse-fold.



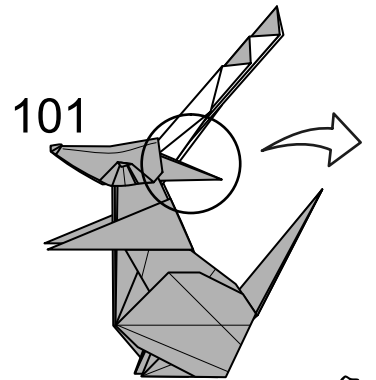
99

Fold inside.



100

Shape the head.

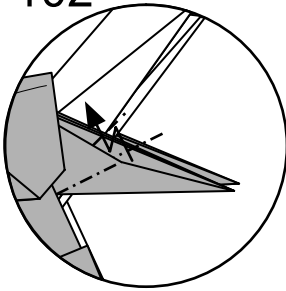


101

Enlarge view of the ear.

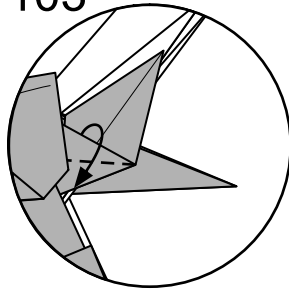


102



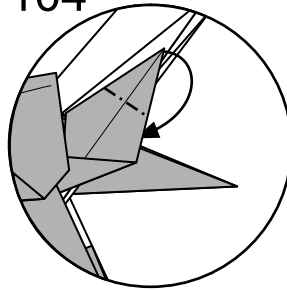
Crimp and swivel. One layer in front, three layers behind.

103



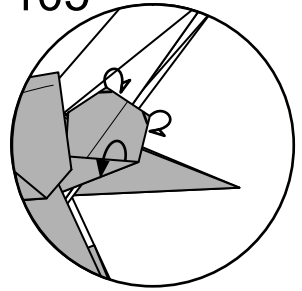
Fold the edge down.

104



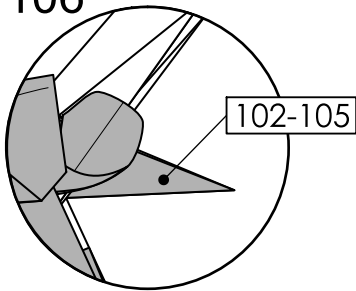
Inside reverse-fold.

105



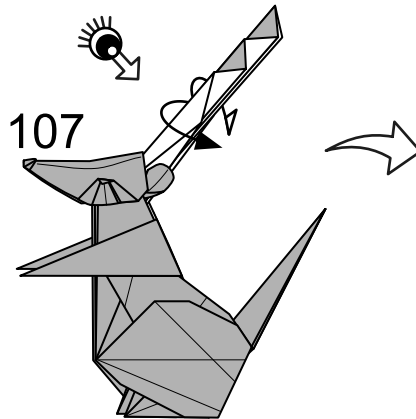
Shape.

106



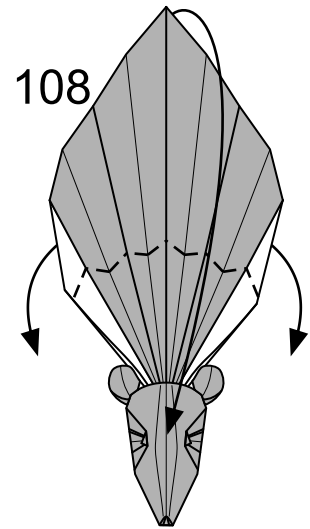
Repeat steps 102-105 behind.

107



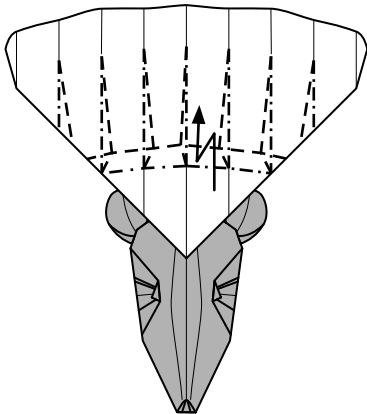
Open. Steps 108-112 will only show the head and the hat.

108



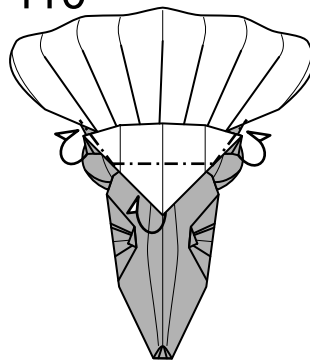
Fold outside.

109



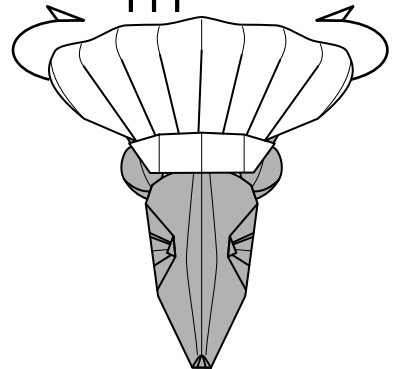
Crimp as shown.

110



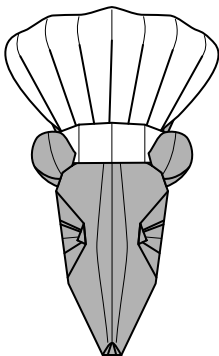
Fold inside.

111



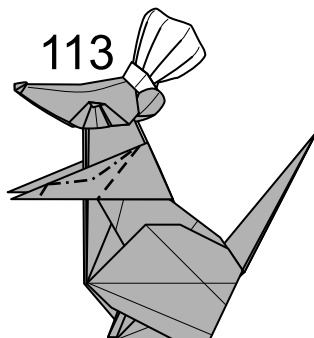
Shape the hat...

112



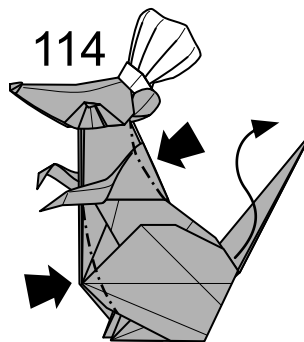
Like this.

113



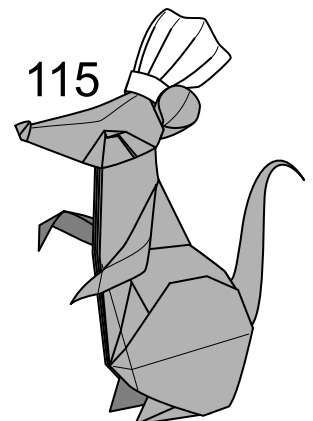
Shape the fore leg. Repeat behind.

114



Shape the body and the tail.

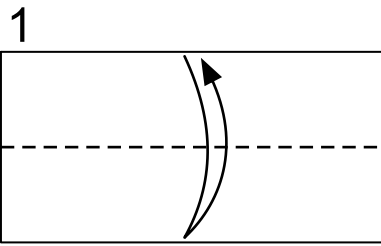
115



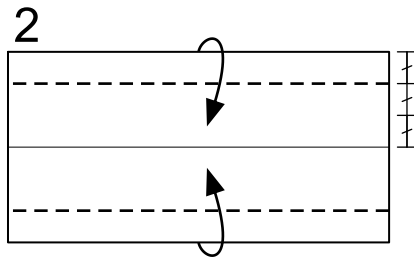
Model completed.



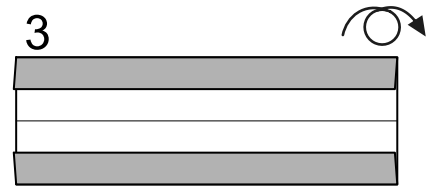
# SPOON / *Cuillère*



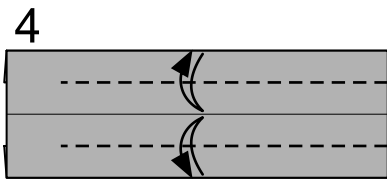
1  
Begin with a 1x2 rectangle, white side up. Fold and unfold.



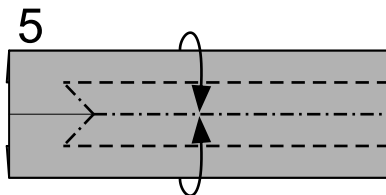
2  
Fold the edges to the center. Note the ratio.



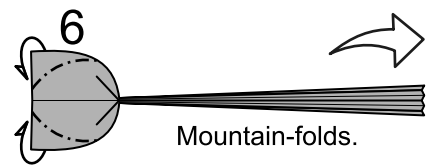
3  
Turn over.



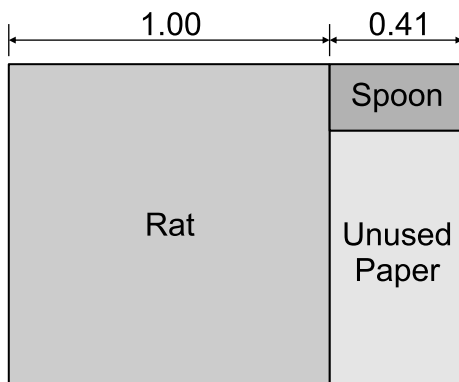
4  
Fold and unfold.



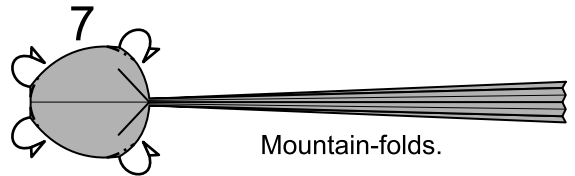
5  
Fold the edges to the center.



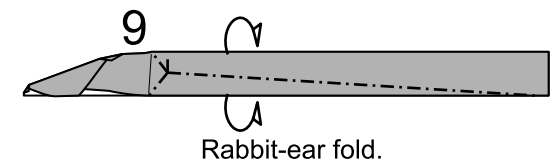
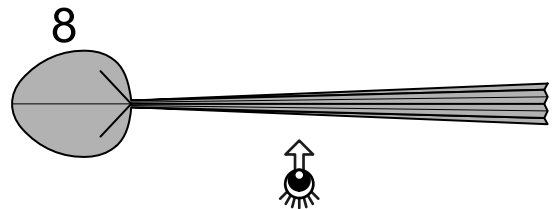
6  
Mountain-folds.



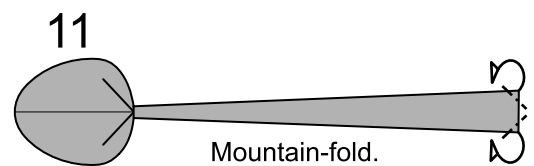
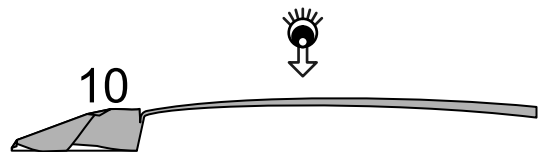
If you cut a square for your Rat from an A-size paper, the remaining paper can be used for the spoon. Or you can follow the ratio.



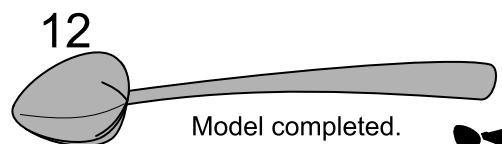
7  
Mountain-folds.



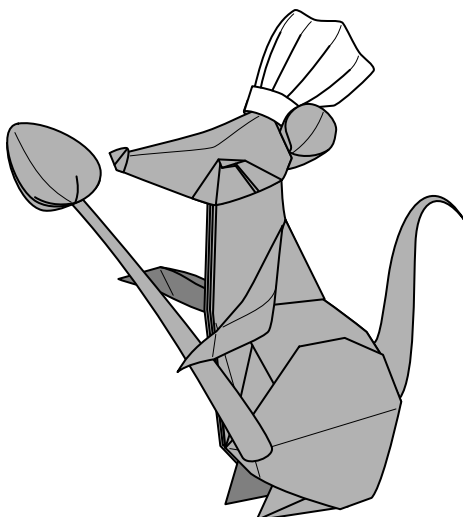
9  
Rabbit-ear fold.



10  
Mountain-fold.

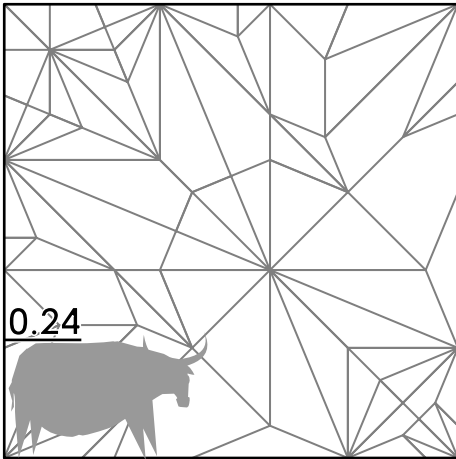


11  
Model completed.



Ready to cook!



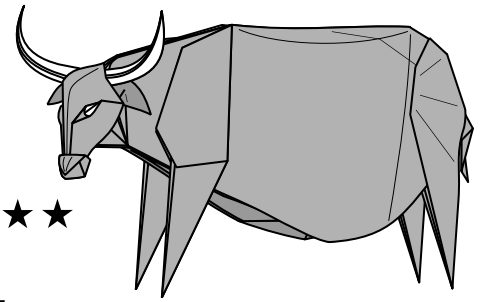


# Water Buffalo

Buffle d'eau

Nguyen Hung Cuong

26/12/2008



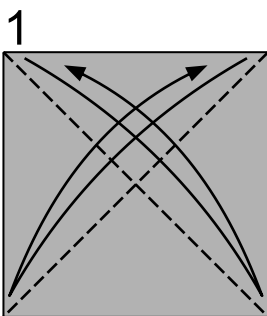
Level / Niveau : ★★ ★★  
 Time to fold / Pliage : 2h  
 Paper size / Taille du papier : 35x35cm

This model was created for "The Year of the Buffalo". I designed the head very quickly in a meeting with my friends. This inspired me to make the whole animal. Here is my result: a water buffalo with a lumbering body and lazy eyes.

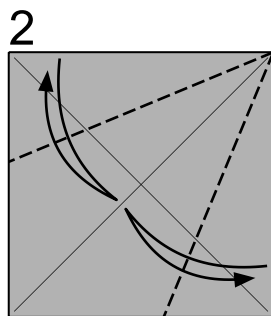
Note: The front legs of this model are only have a few layers thick, so they are very weak. Please choose a paper which is strong enough so that the model can stand by itself.

*Ce modèle a été créé pour "l'Année du Buffle". J'ai conçu la tête très rapidement lors d'une réunion avec mes amis. Puis cela m'a incité à faire le reste de l'animal. Voici le résultat : un buffle d'eau avec un corps lourd et des yeux indolents.*

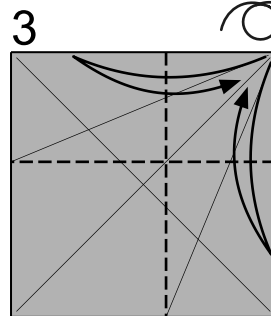
Remarque : Les pattes antérieures sont formées seulement avec quelques couches ce qui les rend peu solides. C'est pourquoi, je vous invite à choisir un papier assez fort pour que le modèle tienne seul.



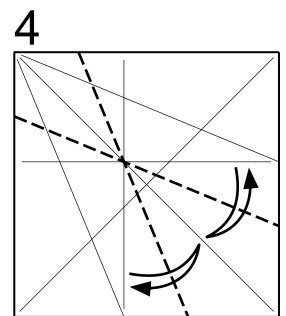
1  
Colored side up.  
Fold and unfold.



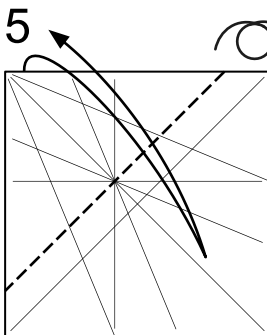
2  
Fold angle bisectors  
and unfold.



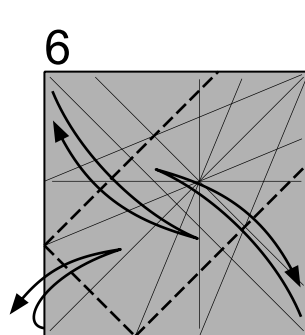
3  
Fold and unfold.  
Turn the paper over.



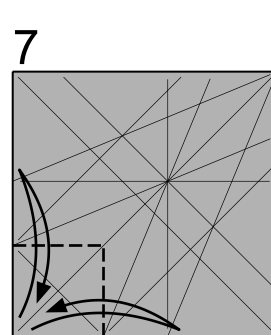
4  
Fold angle bisectors  
and unfold.



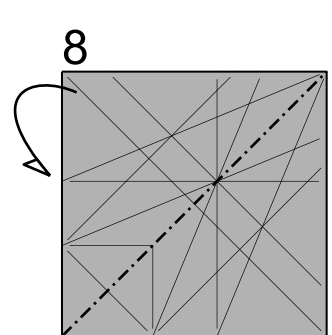
5  
Fold and unfold.  
Turn the paper over.



6  
Fold the corners along  
the diagonals and unfold.



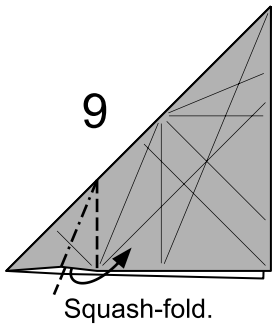
7  
Fold the corner along  
the edges and unfold.



8  
Fold the paper in half  
diagonally.

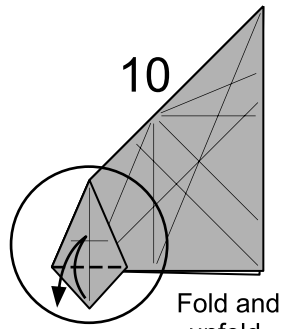






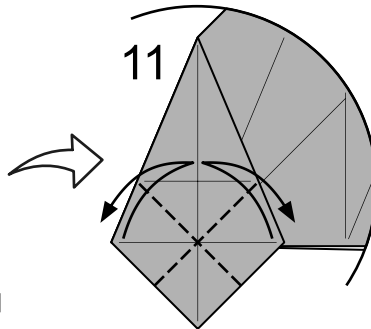
9

Squash-fold.



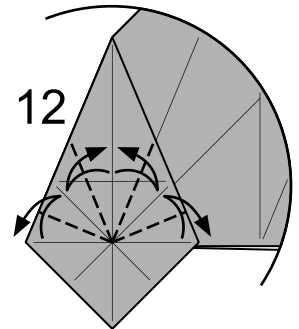
10

Fold and unfold.



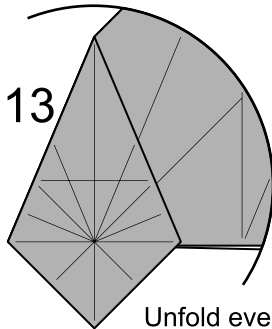
11

Fold angle bisectors and unfold.



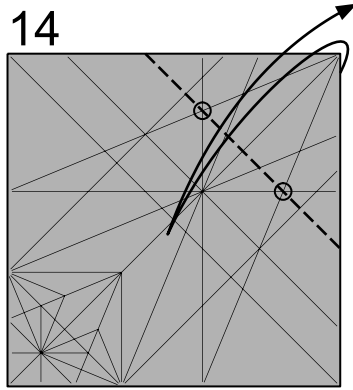
12

Fold angle bisectors and unfold.



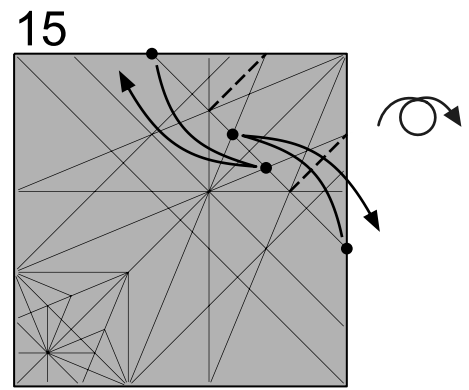
13

Unfold everything.



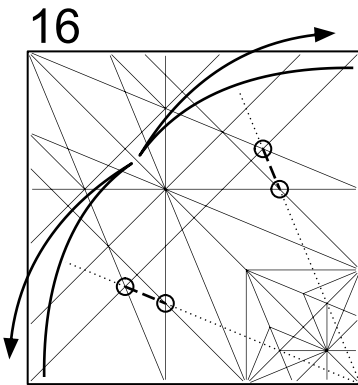
14

Crease through marked points.



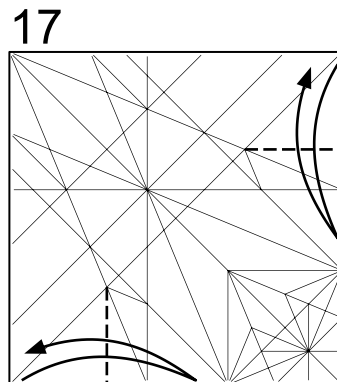
15

Fold and unfold. Turn over.



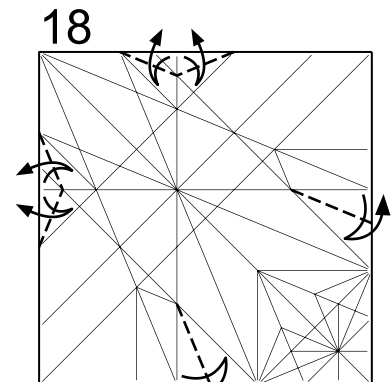
16

Fold the edges to the diagonal. Make creases between marked points.



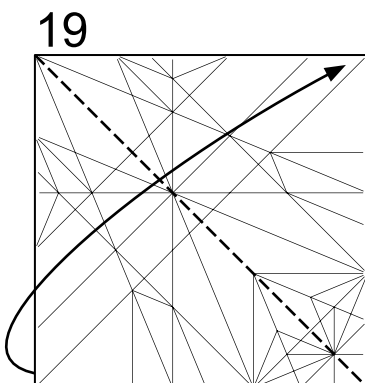
17

Fold and unfold.



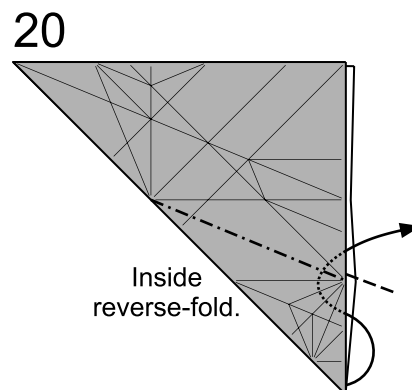
18

Fold angle bisectors and unfold.



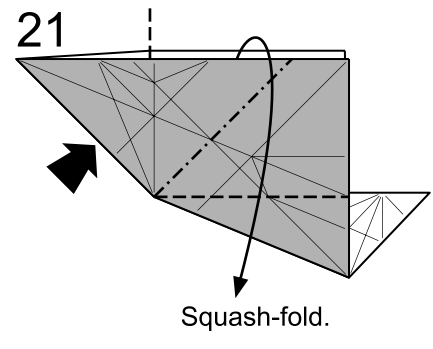
19

Fold the paper in half diagonally.



20

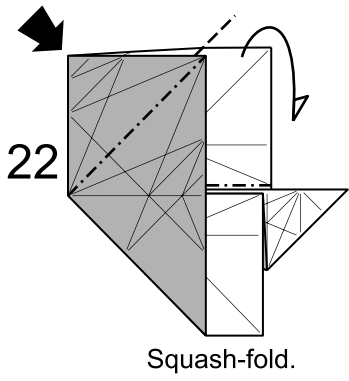
Inside reverse-fold.



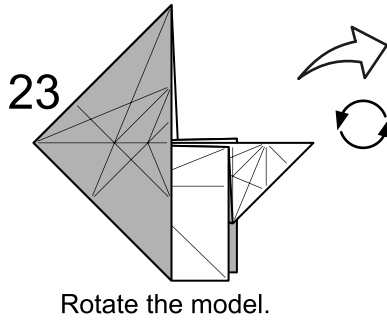
21

Squash-fold.

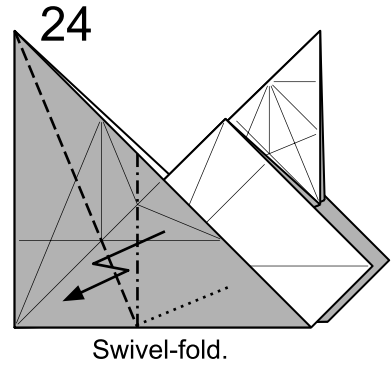




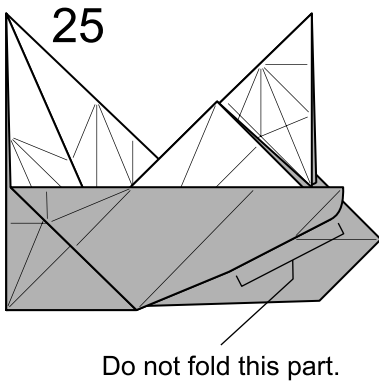
Squash-fold.



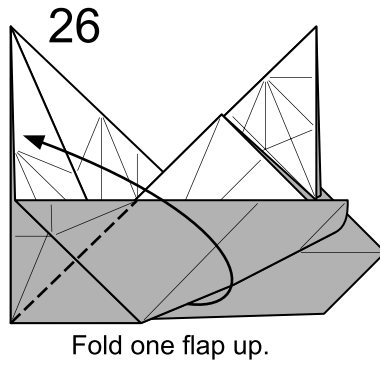
Rotate the model.



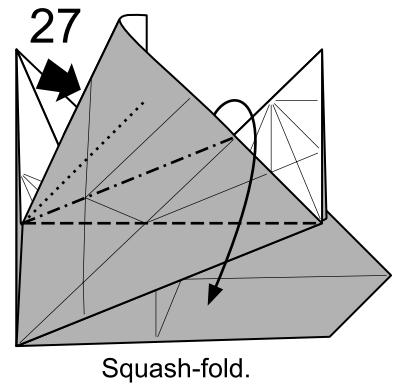
Swivel-fold.



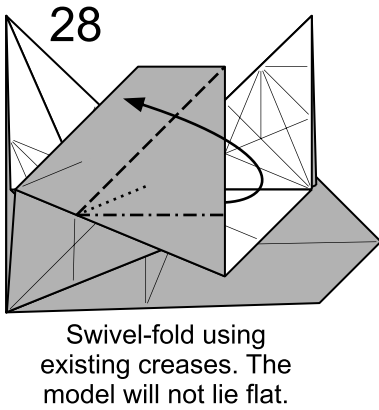
Do not fold this part.



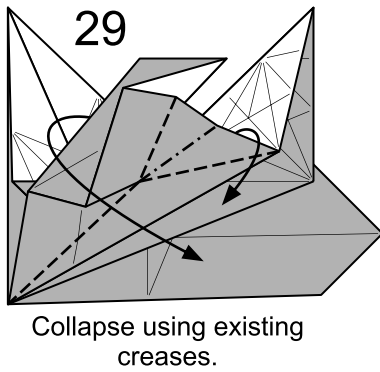
Fold one flap up.



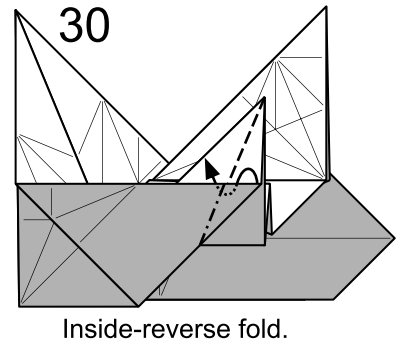
Squash-fold.



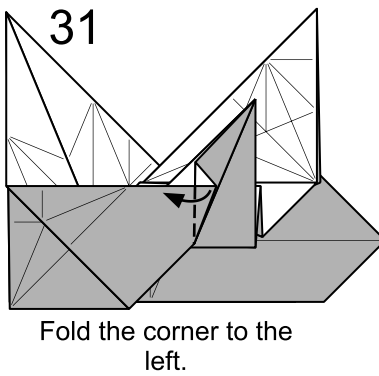
Swivel-fold using existing creases. The model will not lie flat.



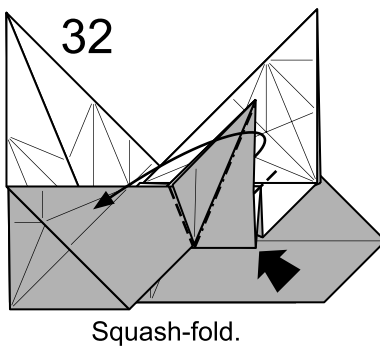
Collapse using existing creases.



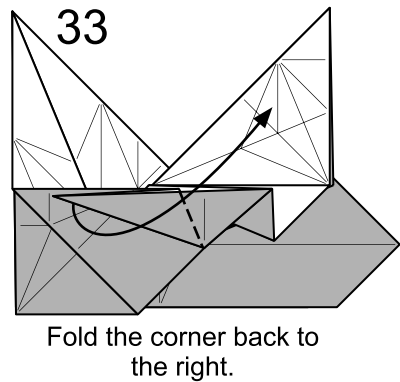
Inside-reverse fold.



Fold the corner to the left.

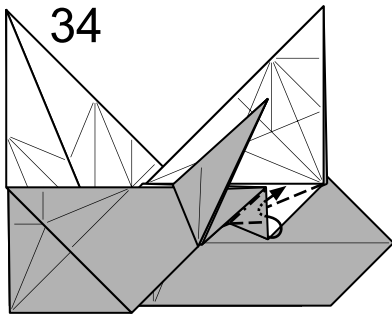


Squash-fold.

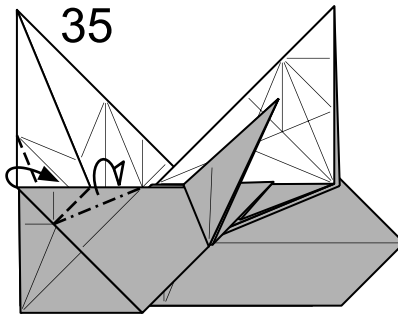


Fold the corner back to the right.

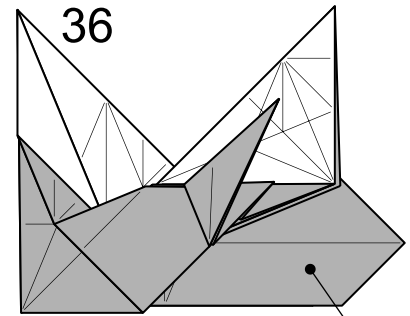




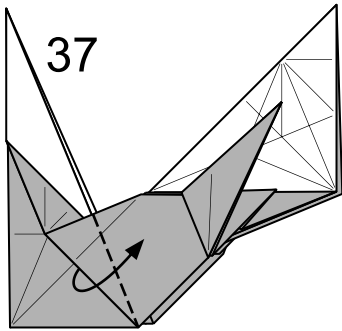
Inside reverse-fold.



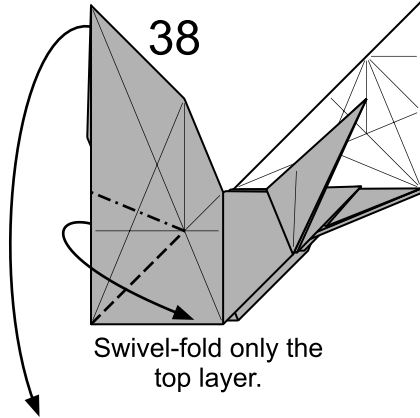
Swivel-fold.



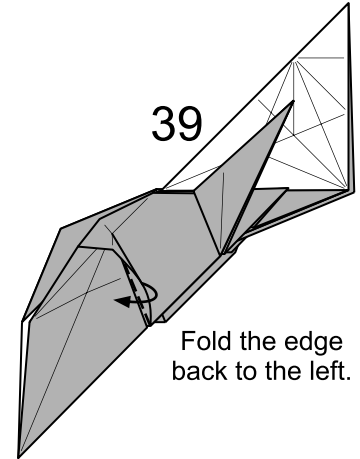
Repeat steps 24-35 behind.



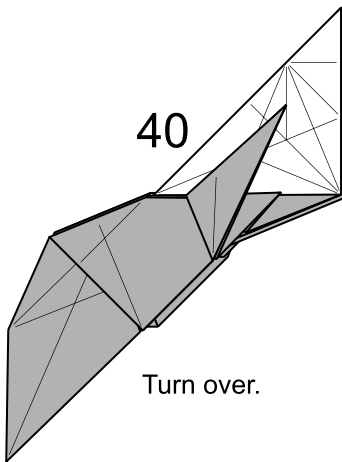
Fold the edge to the right.



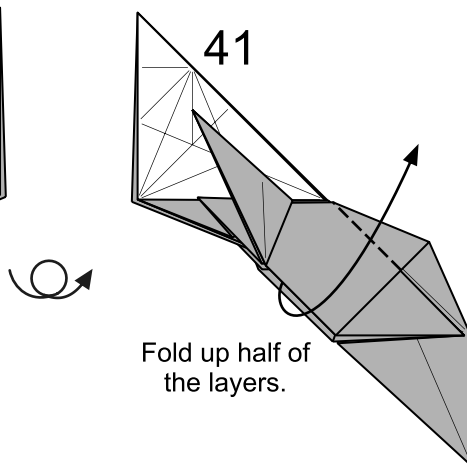
Swivel-fold only the top layer.



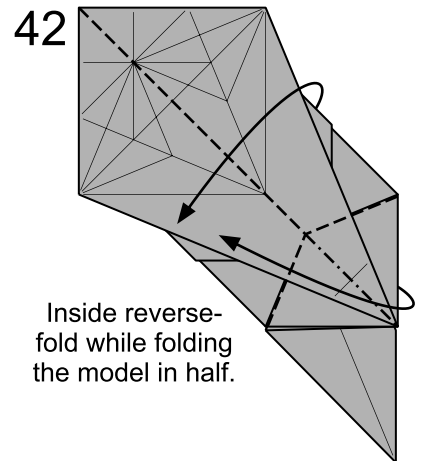
Fold the edge back to the left.



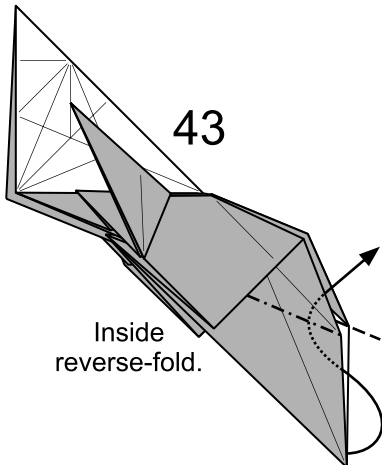
Turn over.



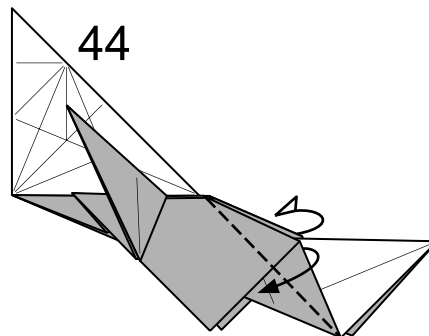
Fold up half of the layers.



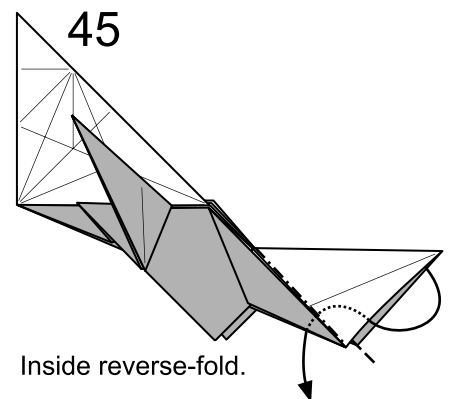
Inside reverse-fold while folding the model in half.



Inside reverse-fold.

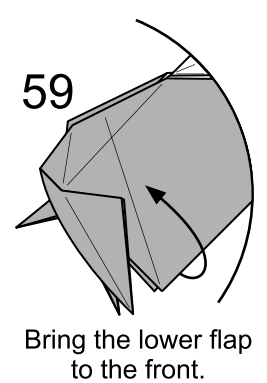
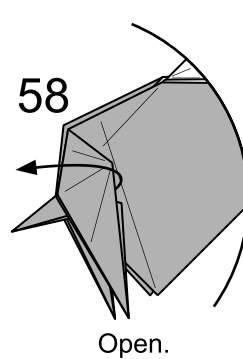
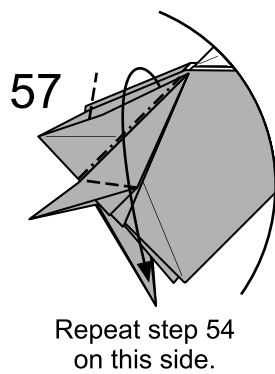
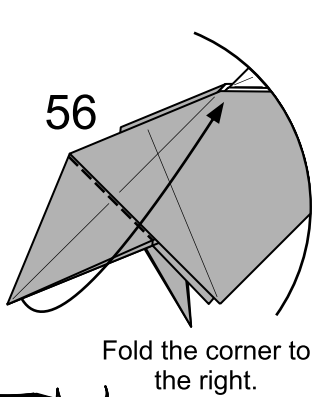
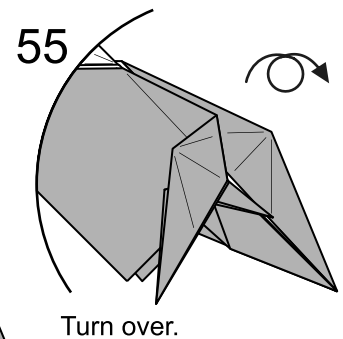
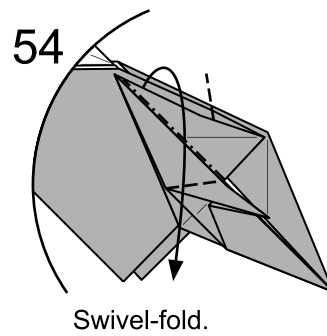
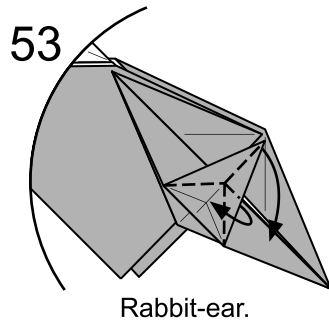
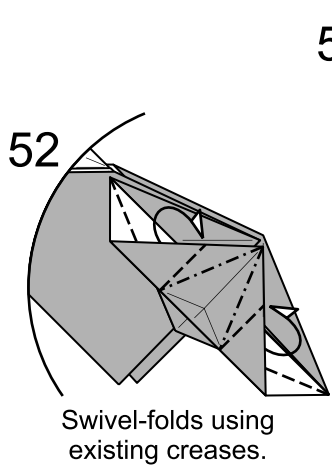
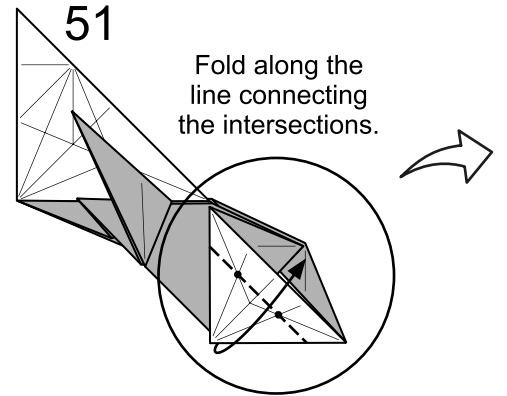
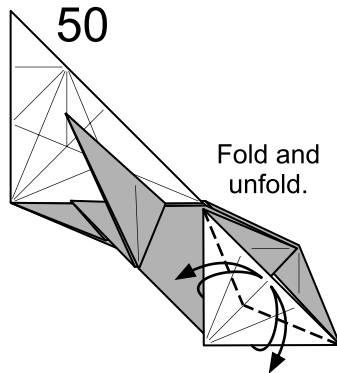
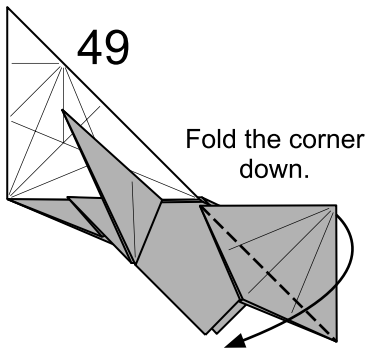
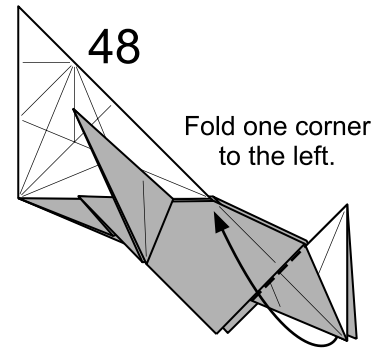
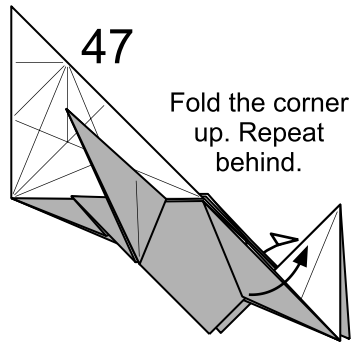
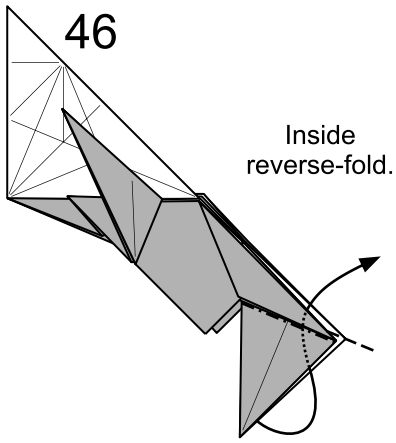


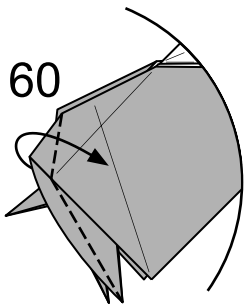
Fold the corner down. Repeat behind.



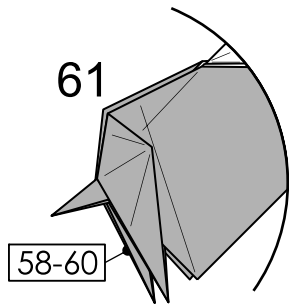
Inside reverse-fold.



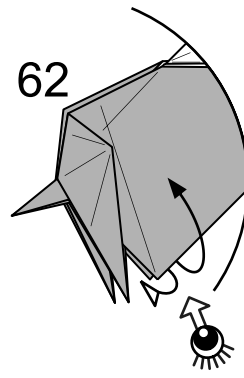




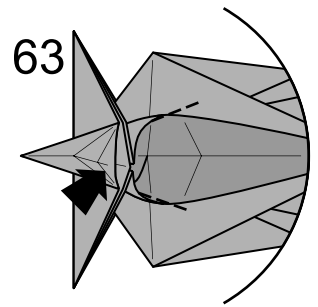
60  
Fold the corner back to the right.



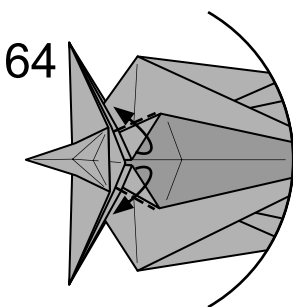
61  
Repeat steps 58-60 behind.



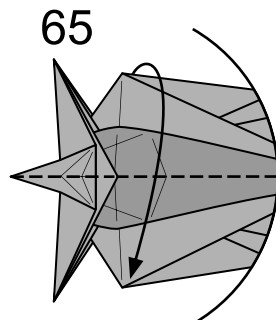
62  
Open the model.



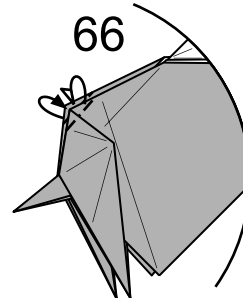
63  
Push the edge in.



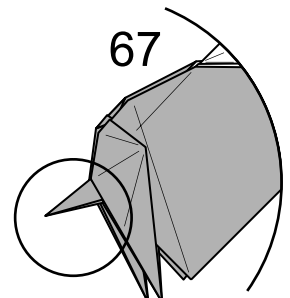
64  
Fold two corners out.



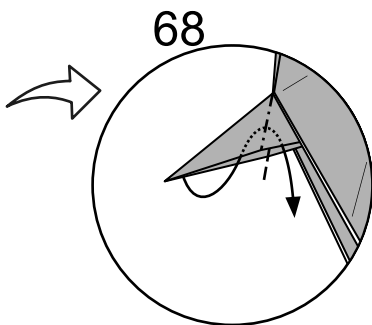
65  
Close the model.



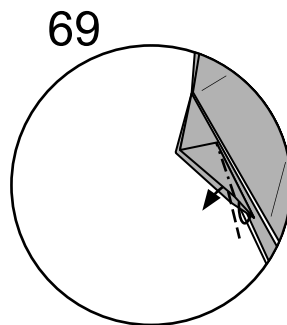
66  
Fold the corners inside.



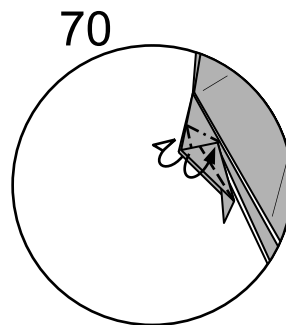
67  
Focus on the tail.



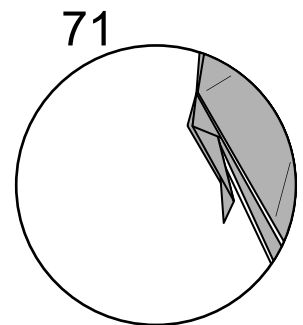
68  
Inside reverse-fold.



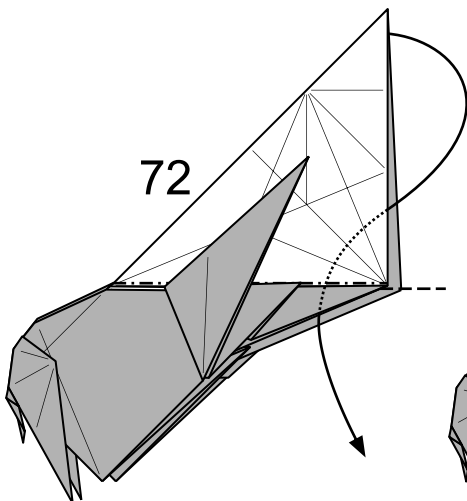
69  
Inside reverse-fold.



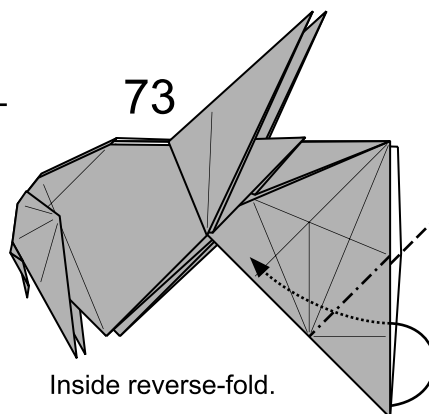
70  
Reverse-fold.  
Repeat behind.



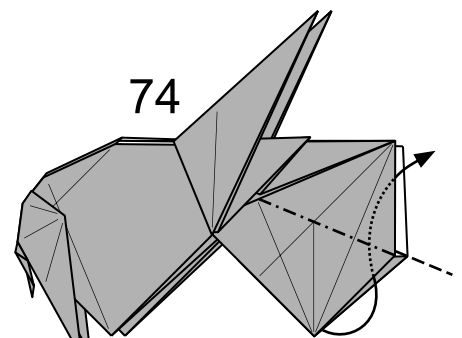
71  
Like this.



72  
Inside reverse-fold.

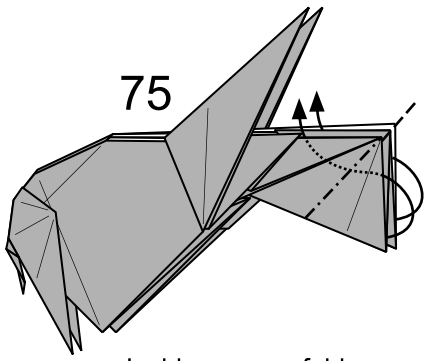


73  
Inside reverse-fold.



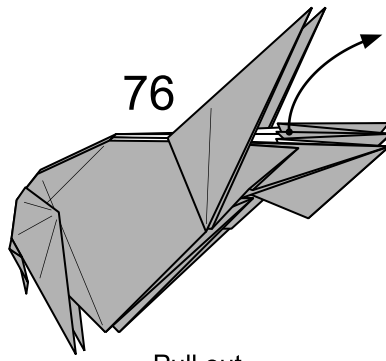
74  
Inside reverse-fold.





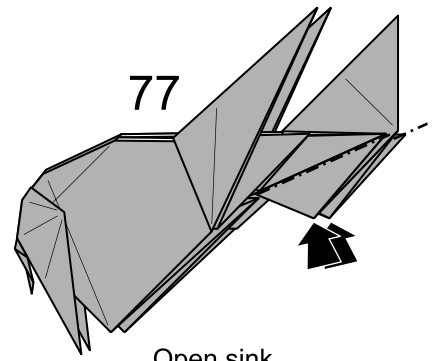
75

Inside reverse-fold.  
Repeat behind.



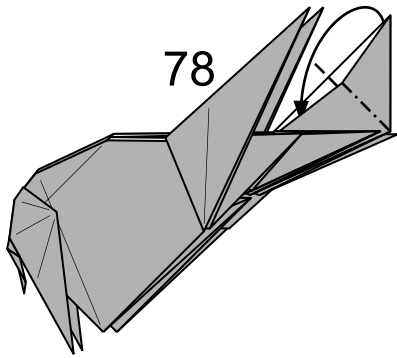
76

Pull out  
the middle corner.



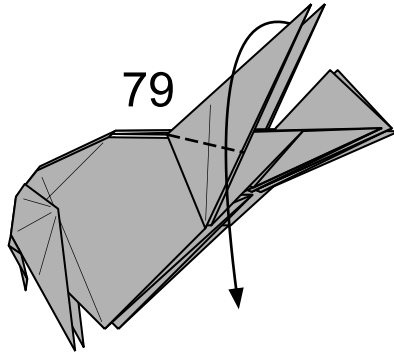
77

Open sink.  
Repeat behind.



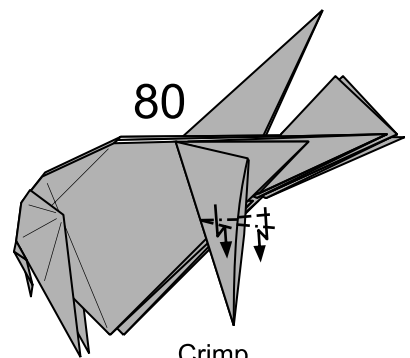
78

Inside reverse-fold.



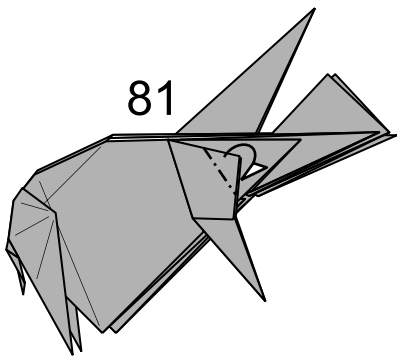
79

Fold the flap down.



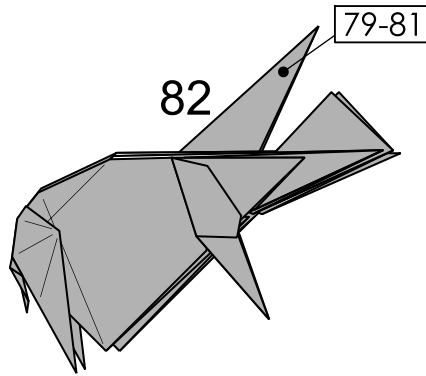
80

Crimp.



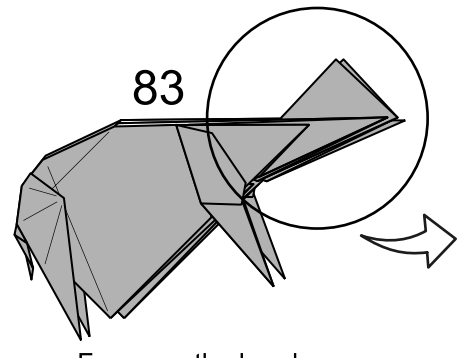
81

Mountain-fold.



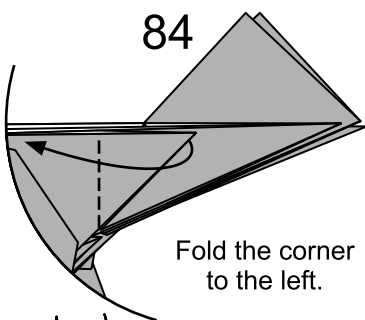
82

Repeat steps 79-81 behind.



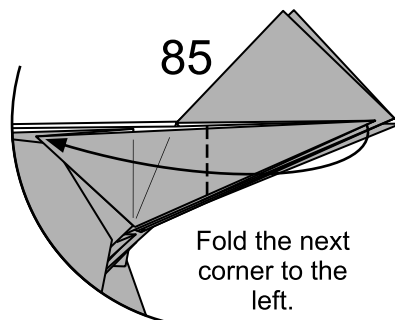
83

Focus on the head.



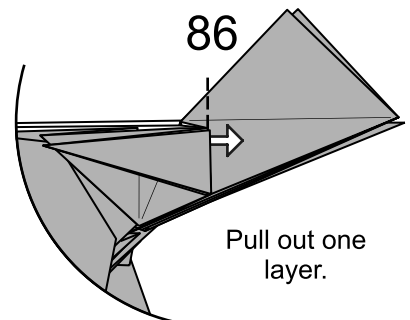
84

Fold the corner  
to the left.



85

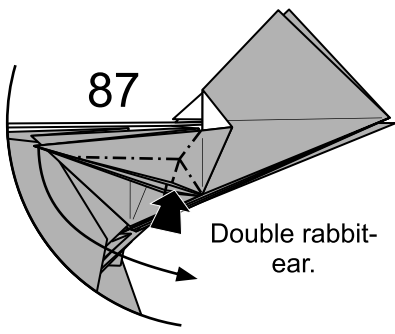
Fold the next  
corner to the  
left.



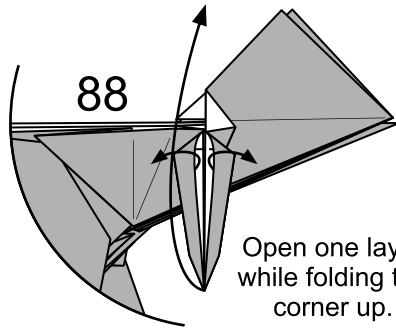
86

Pull out one  
layer.

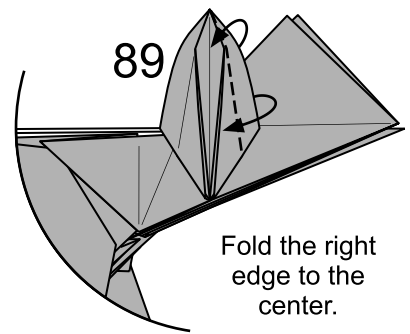




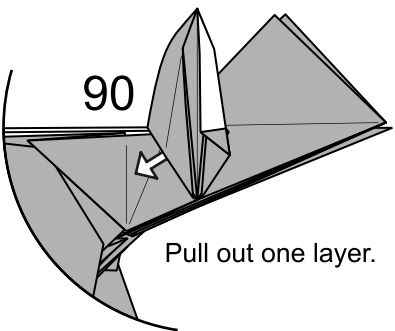
87  
Double rabbit-ear.



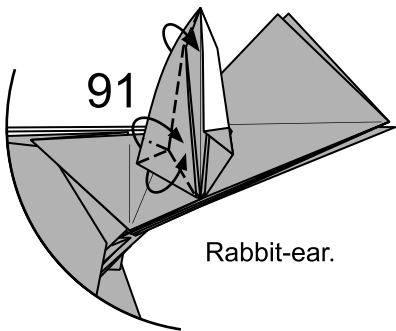
88  
Open one layer while folding the corner up.



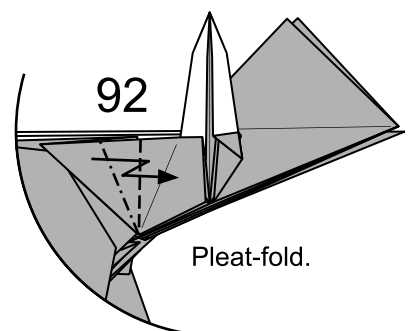
89  
Fold the right edge to the center.



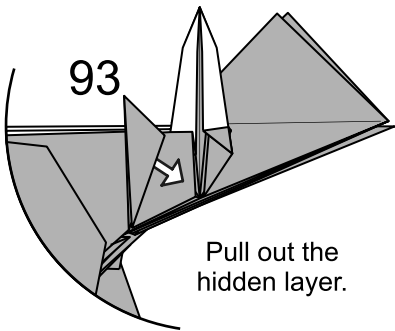
90  
Pull out one layer.



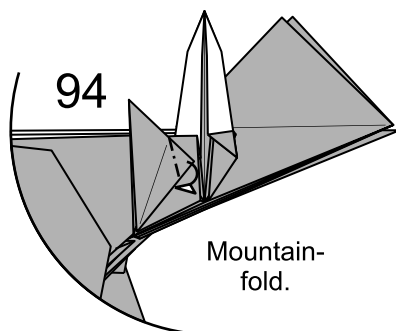
91  
Rabbit-ear.



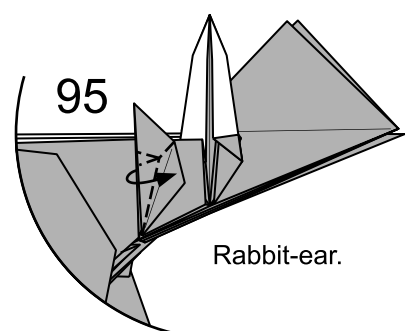
92  
Pleat-fold.



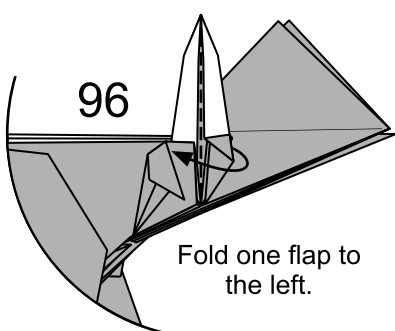
93  
Pull out the hidden layer.



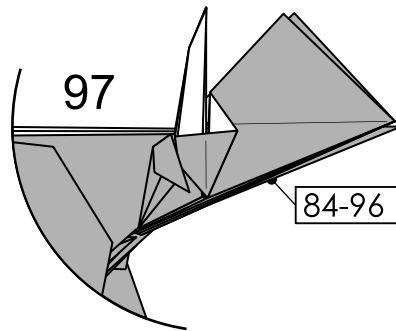
94  
Mountain-fold.



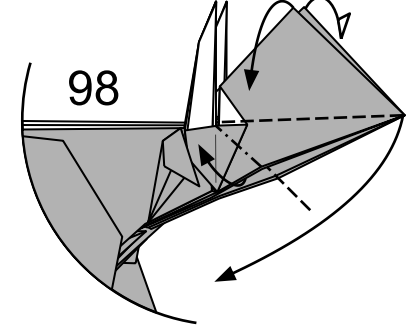
95  
Rabbit-ear.



96  
Fold one flap to the left.

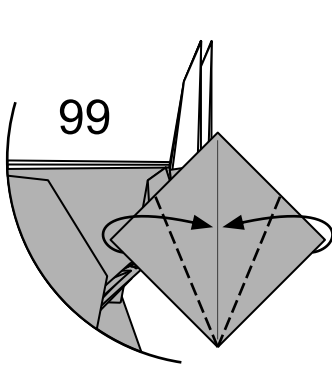


Repeat steps 84-96 behind.

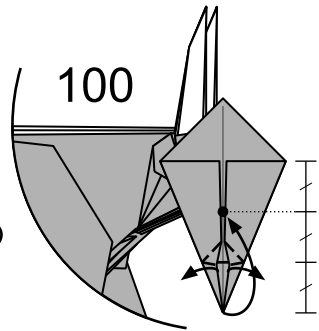


Open and squash-fold.

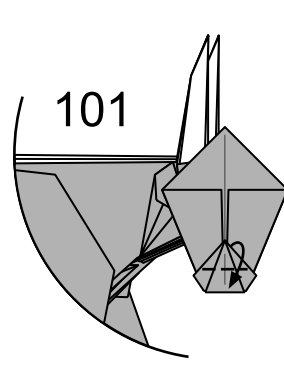




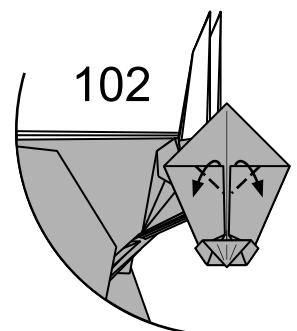
99  
Fold the edges to the center.



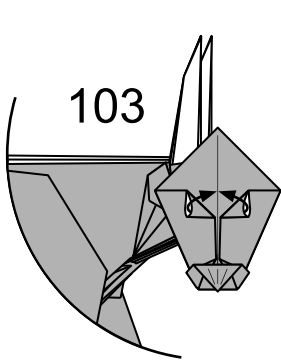
100  
Open and fold the corner up.  
Note the ratio.



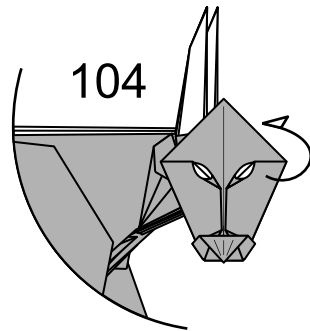
101  
Fold the corner down.



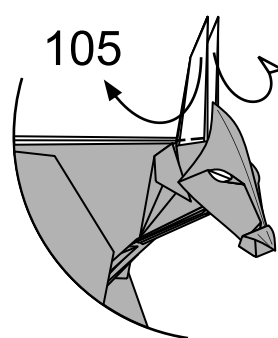
102  
Fold two corners down.



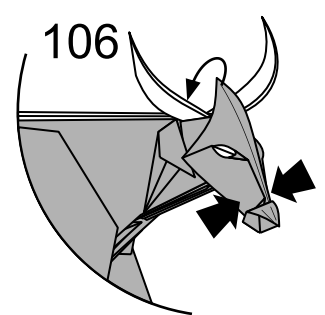
103  
Shape the eyes.



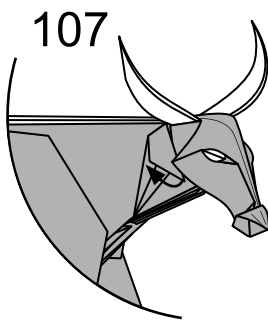
104  
Fold the head in half.



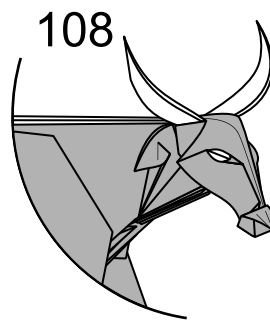
105  
Curve the horns.



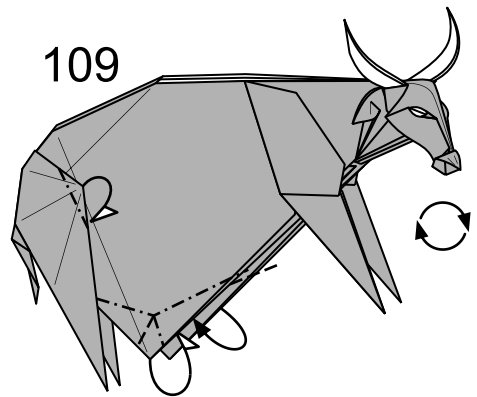
106  
Shape the head.



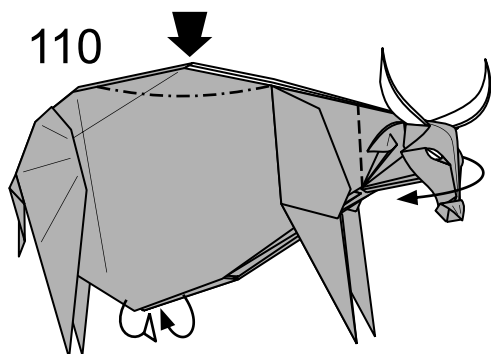
107  
Bring the ear out.  
Repeat behind.



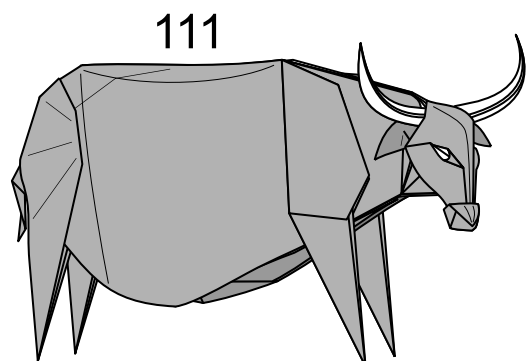
108  
Like this.



109  
Fold the corners inside.  
Repeat behind.



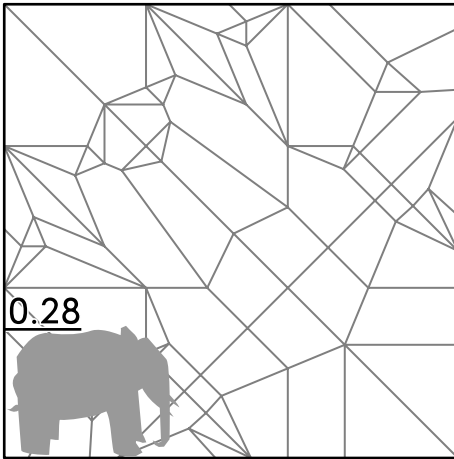
110  
Shape the body.



111  
Model completed.







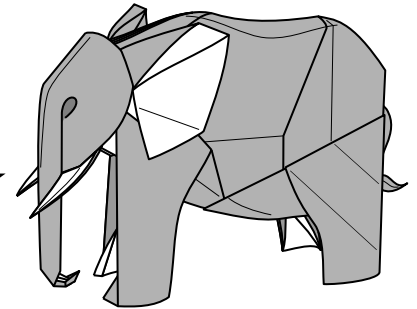
# African Elephant

## Eléphant d'Afrique

Nguyen Hung Cuong

22/07/2008

Level / Niveau : ★★★★★  
 Time to fold / Pliage : 2h  
 Paper size / Taille du papier : 35x35cm

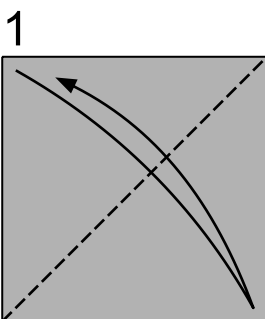


The elephant is one of my favorite subjects in origami. Before this design, I had created two versions, one where the tusks were too short and one where the tusks were too long (I modified this version into a mammoth). I'm quite satisfied with the result of this new design: it has a strong body, firm legs, nicely formed ears and the tusks are long enough.

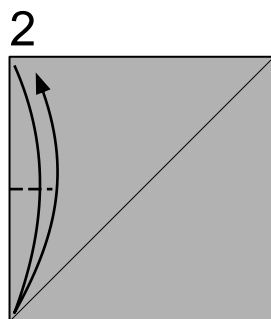
Note: Use 70 gsm or heavier paper for your model. And be careful in steps 44-45, which do not have reference points.

*L'éléphant est un de mes sujets de prédilection en origami. Avant celui présenté ici, j'ai créé deux versions : l'une avec des défenses trop courtes et une autre avec des défenses trop longues (j'ai modifié cette version pour en faire un mammoth). Pour cet éléphant, je suis très satisfait du résultat : il a un corps imposant, des pattes solides, de belles et grandes oreilles et des défenses suffisamment longues.*

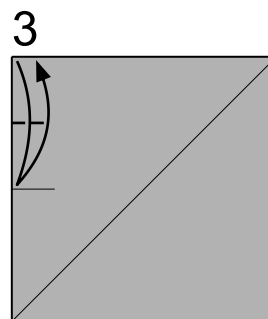
*Remarque : Utilisez un papier de 70 g/m<sup>2</sup> ou plus et attention aux étapes 44-45 qui sont réalisées sans points de référence.*



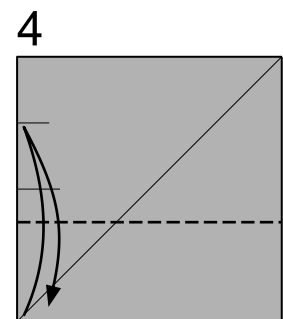
1  
Color side up.  
Fold and unfold.



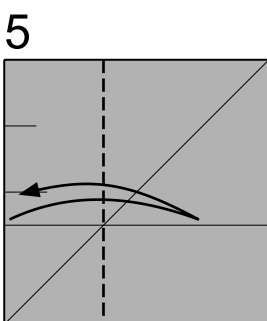
2  
Fold the paper in half,  
make a pinch and unfold.



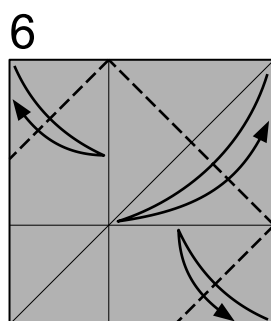
3  
Fold the top edge to the  
pinch, make another  
pinch and unfold.



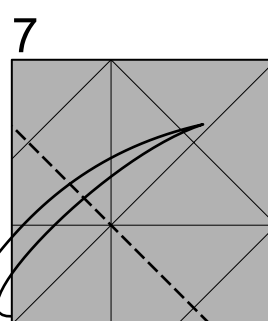
4  
Fold the edge to the  
pinch you made in  
step 3 and unfold.



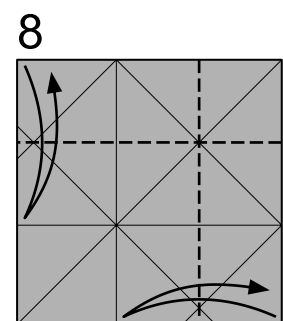
5  
Fold and unfold. Make  
sure that the crease goes  
through the intersection.



6  
Fold the edges to  
intersection of the  
creases and unfold.

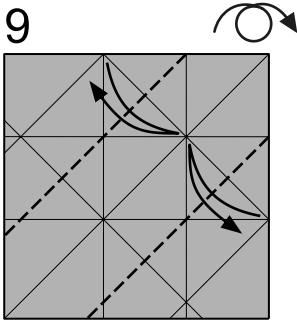


7  
Bring the corner up along  
the diagonal, crease  
through the intersection.

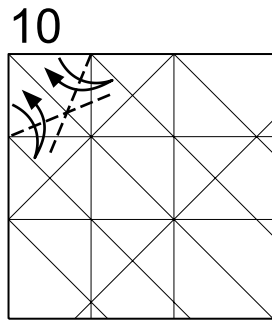


8  
Fold the edges to the  
creases and unfold.

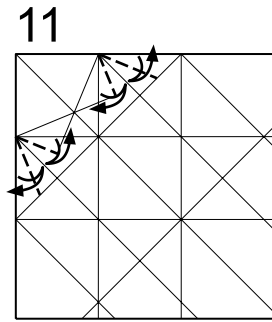




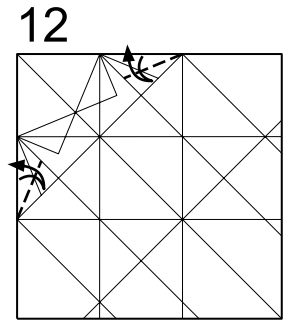
9  
Fold the crease to the crease and unfold.  
Turn over.



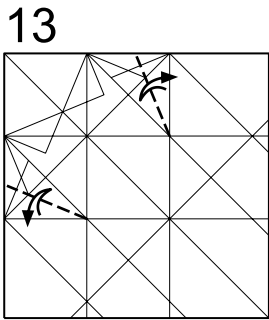
10  
Fold the angle bisectors and unfold.



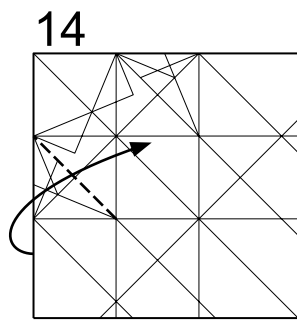
11  
Bisect the angles.  
Make the creases sharp where indicated.



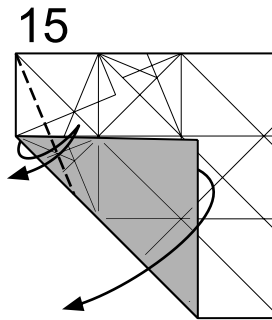
12  
Bisect the angles.  
Make the creases sharp where indicated.



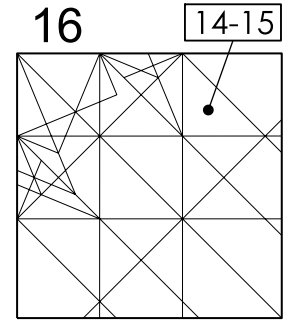
13  
Bisect the angles.  
Make the creases sharp where indicated.



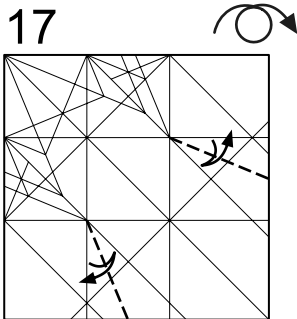
14  
Fold the edge to the crease.



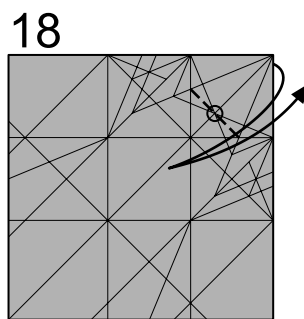
15  
Fold and unfold, then unfold the top layer.



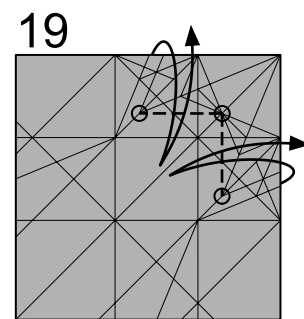
16  
Repeat steps 14-15 on the other side.



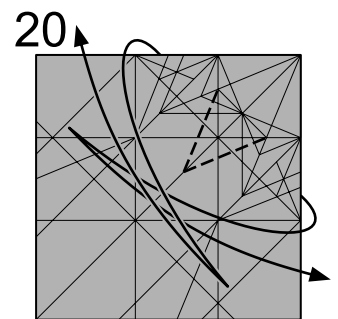
17  
Fold the angle bisectors and unfold.  
Turn over.



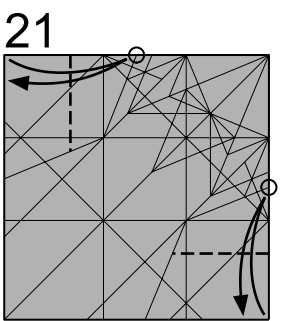
18  
Fold and unfold through the marked point.



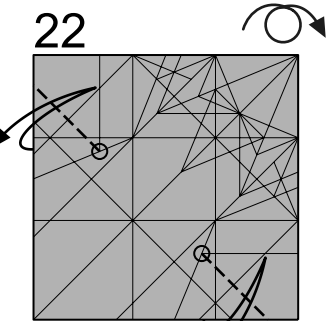
19  
Fold and unfold between the marked points.



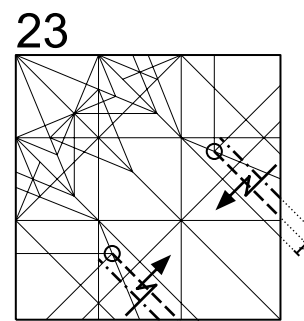
20  
Fold the edges to the creases you made in step 6 and unfold.



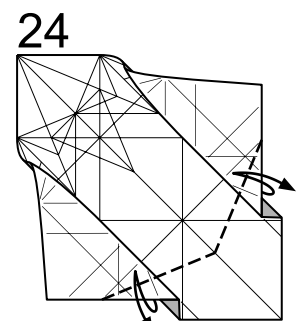
21  
Fold the corners to the marked points and unfold.



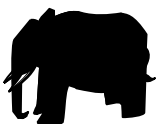
22  
Fold and unfold from the marked points. Turn over.

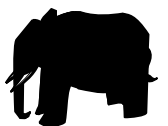
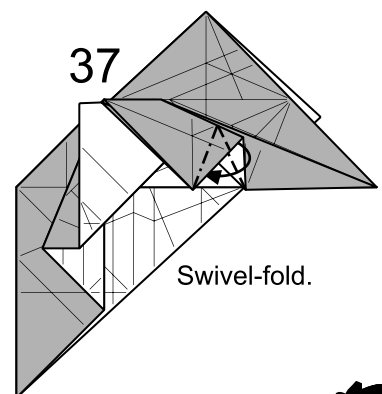
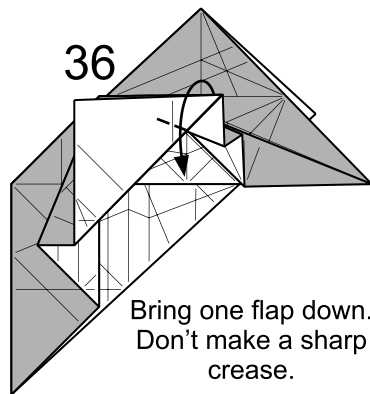
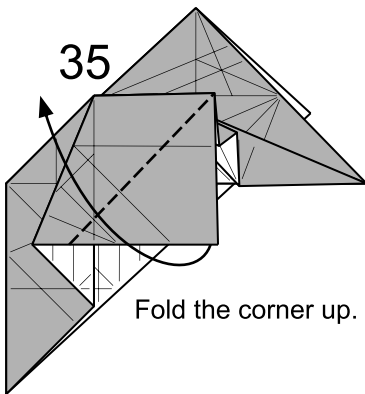
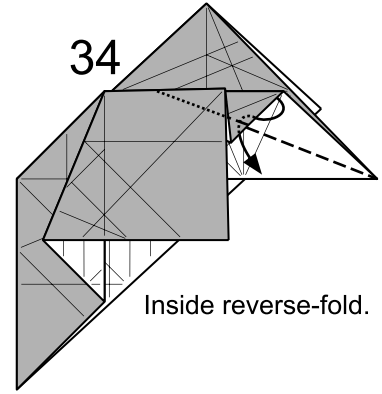
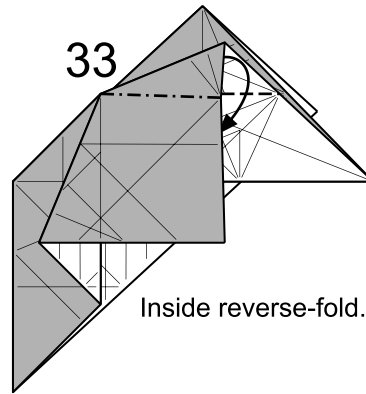
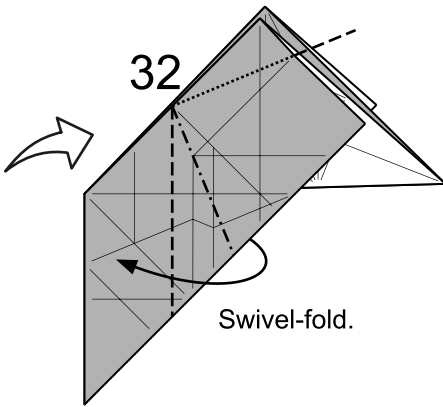
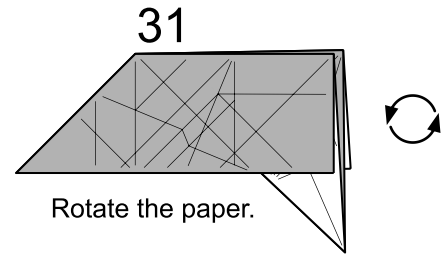
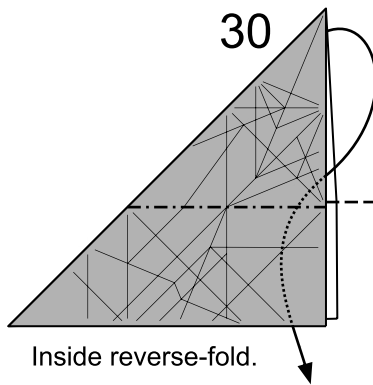
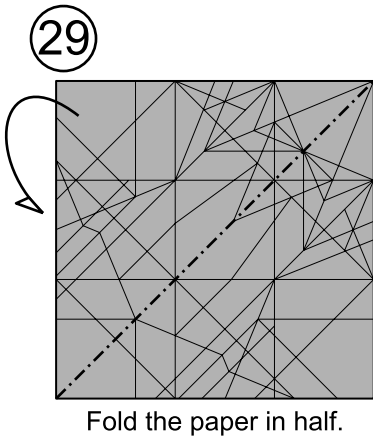
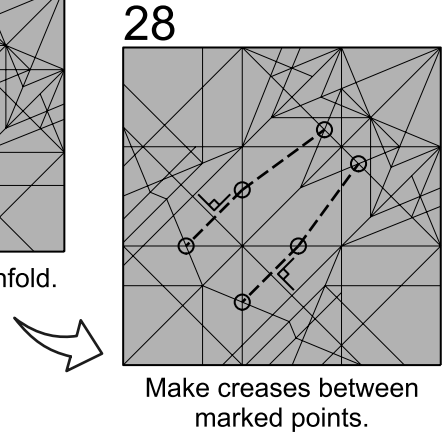
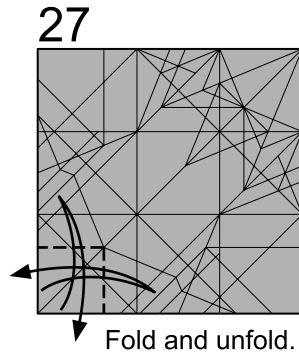
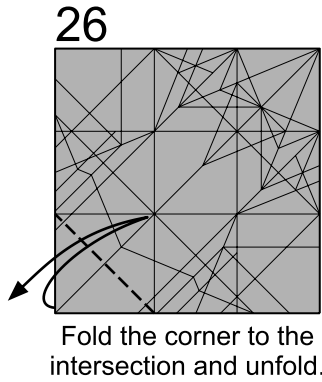
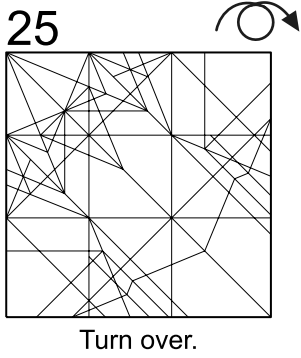


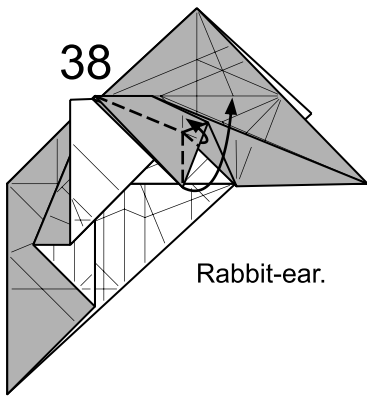
23  
Pleat folds. Note the ratios.



24  
Fold angle bisectors, then unfold everything.

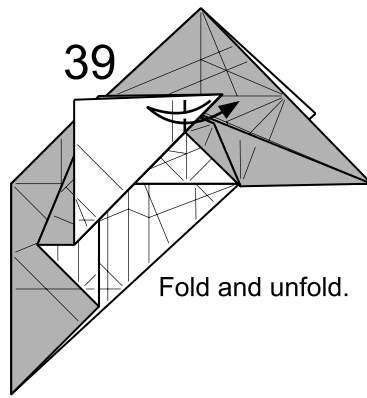






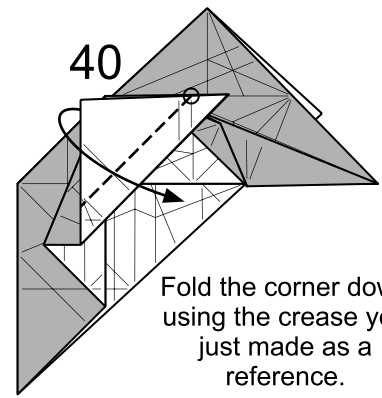
38

Rabbit-ear.



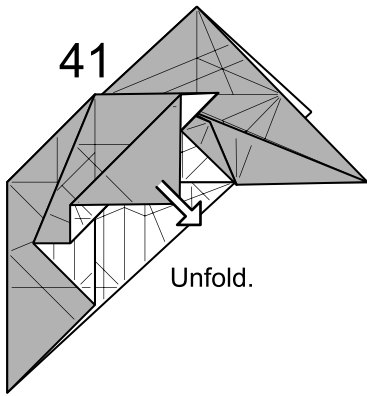
39

Fold and unfold.



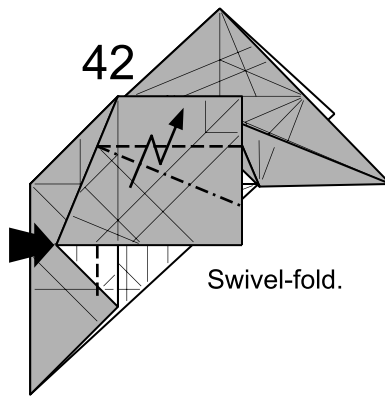
40

Fold the corner down using the crease you just made as a reference.



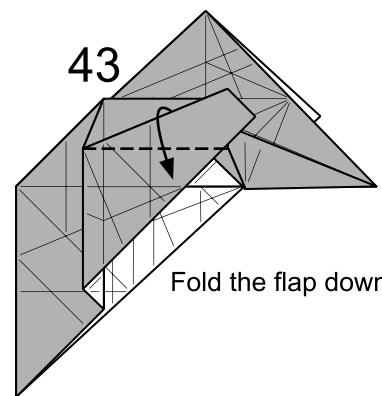
41

Unfold.



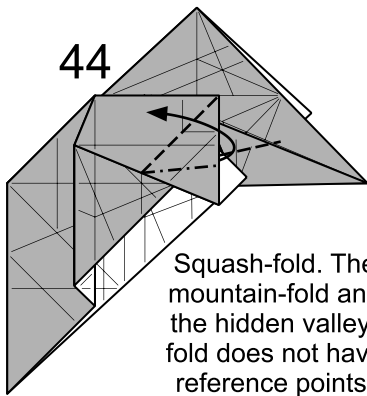
42

Swivel-fold.



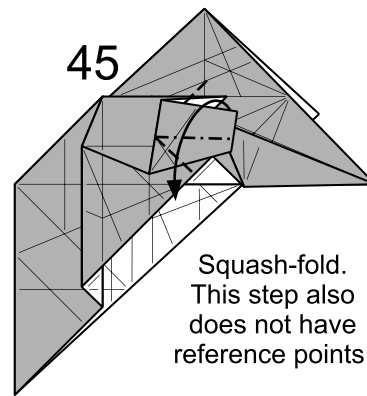
43

Fold the flap down.



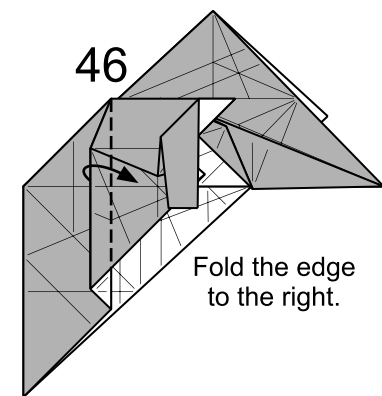
44

Squash-fold. The mountain-fold and the hidden valley-fold does not have reference points.



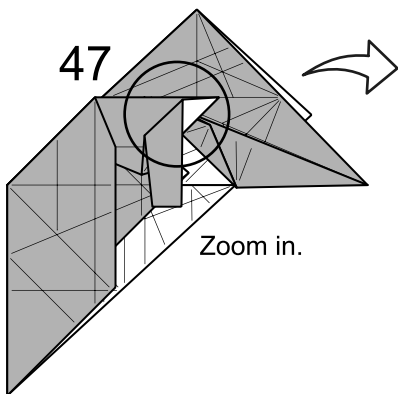
45

Squash-fold. This step also does not have reference points.



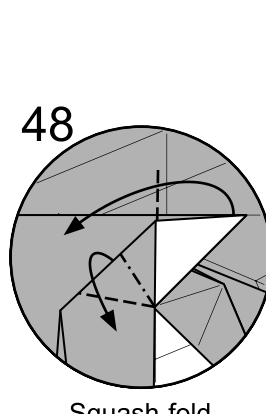
46

Fold the edge to the right.



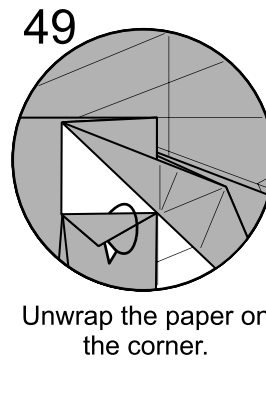
47

Zoom in.



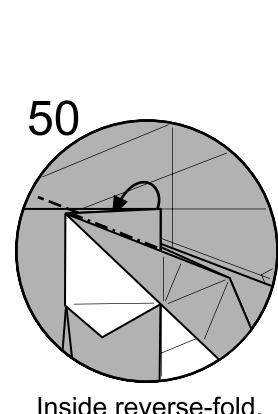
48

Squash-fold.



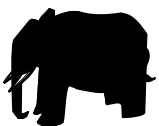
49

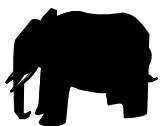
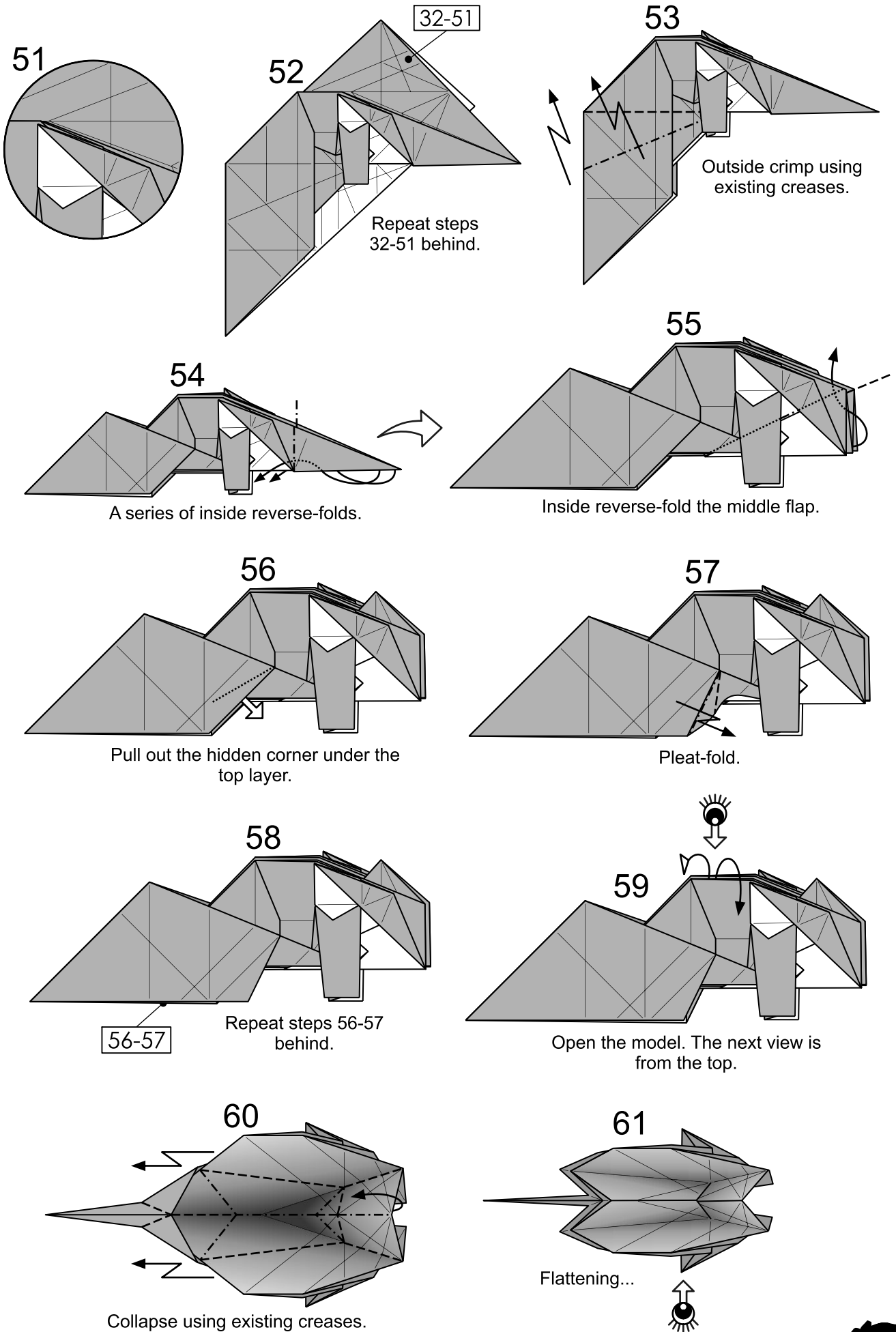
Unwrap the paper on the corner.

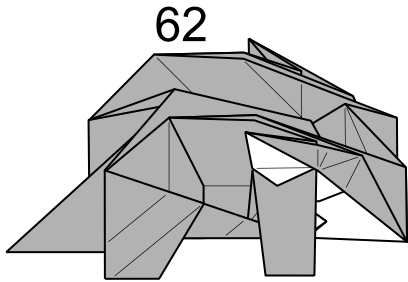


50

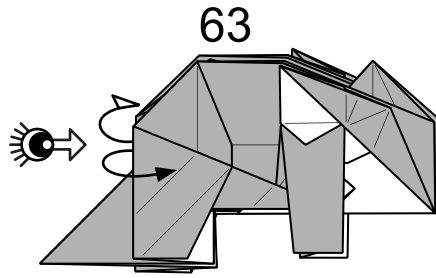
Inside reverse-fold.



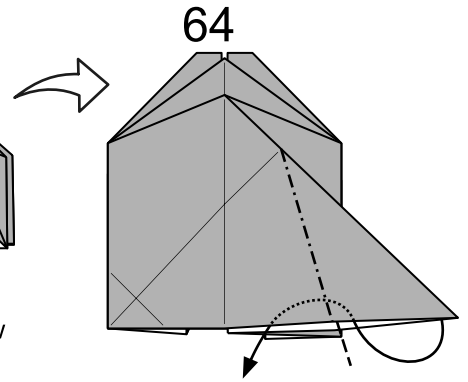




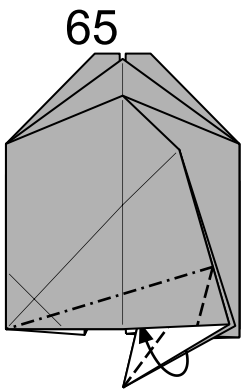
62 Side view. Flattening...



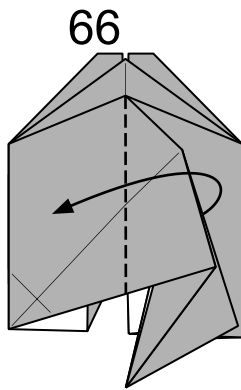
63 Open the model. The next view is from the left.



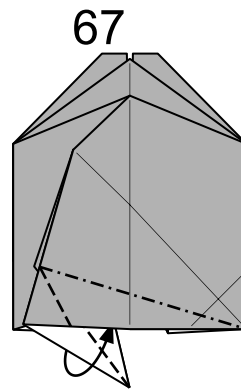
64 Inside reverse-fold.



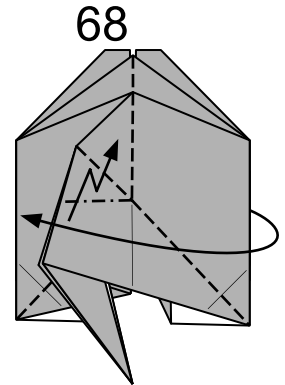
65 Swivel-fold.



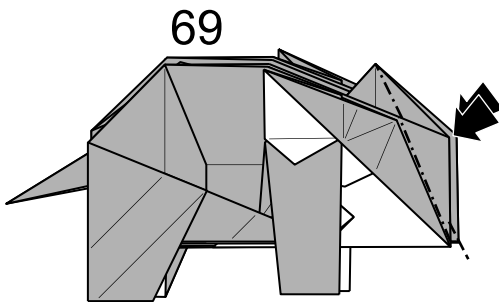
66 Fold the flap to the left.



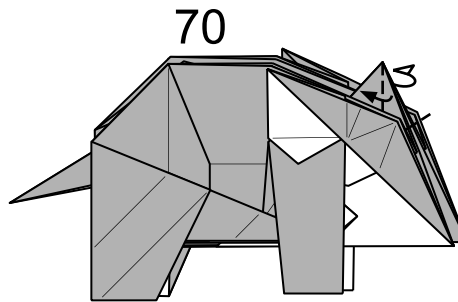
67 Swivel-fold.



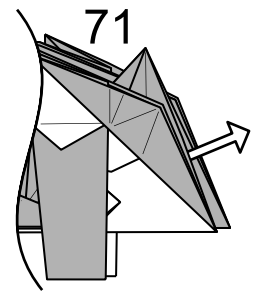
68 Fold the model in half and bring the tail up using existing creases.



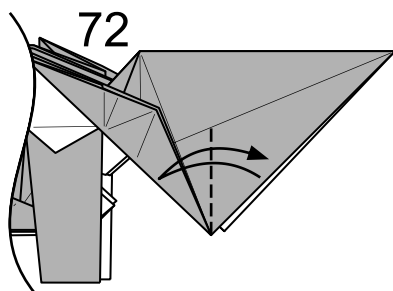
69 Open sink. Repeat behind.



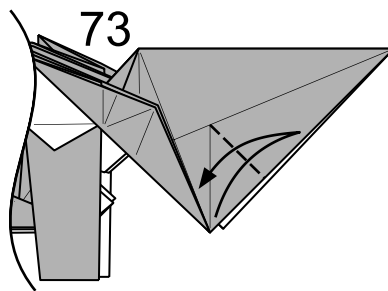
70 Inside reverse-fold one layer. Repeat behind.



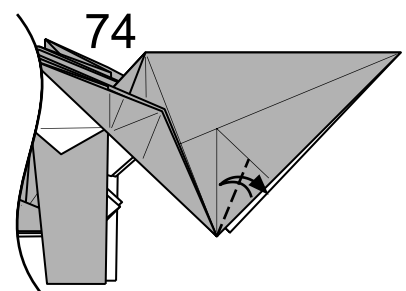
71 Pull out the hidden corner.



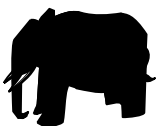
72 Fold and unfold the front layer.

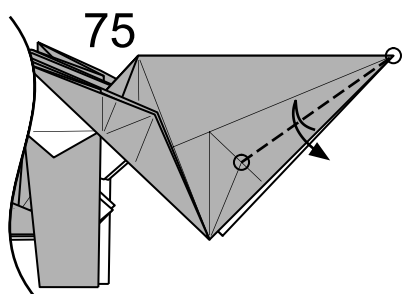


73 Fold and unfold the front layer.

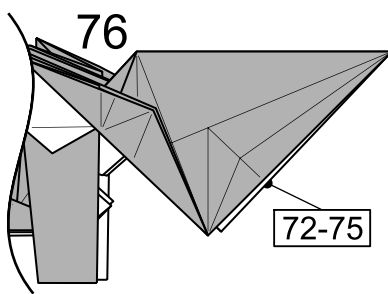


74 Bisect the angle.

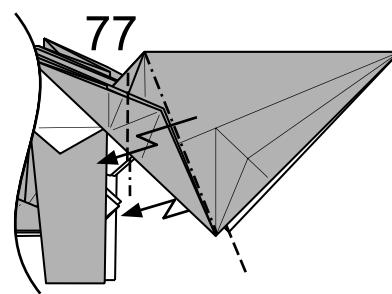




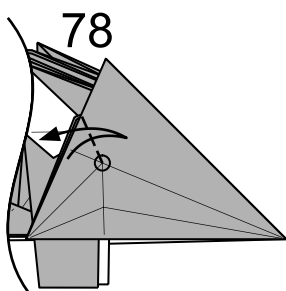
75  
Make crease between marked points. It is not a bisector.



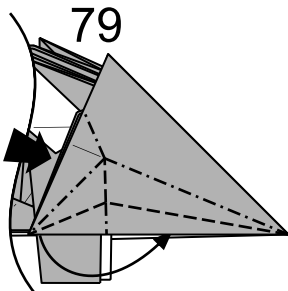
76  
Repeat steps 72-75 behind.



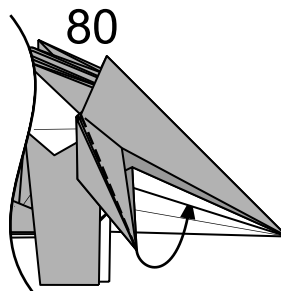
77  
Crimp.



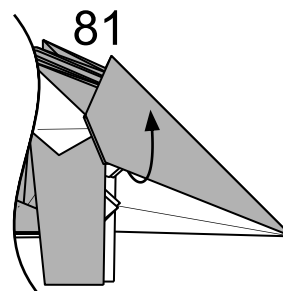
78  
Fold and unfold.



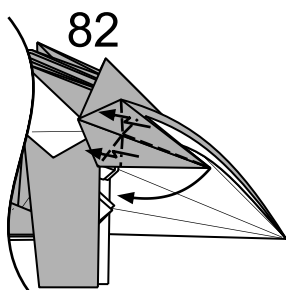
79  
Fold the corner inside using existing creases.



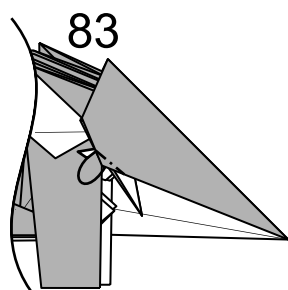
80  
Flattening...



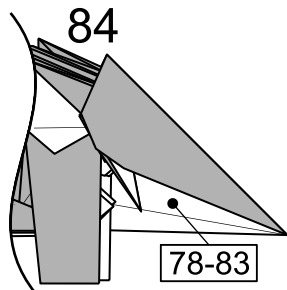
81  
Open.



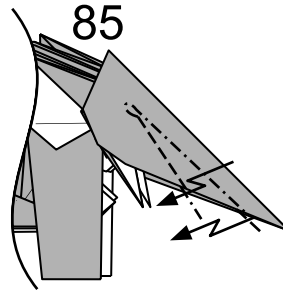
82  
Crimp to bring the corner out.



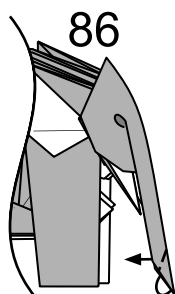
83  
Mountain-fold the corner.



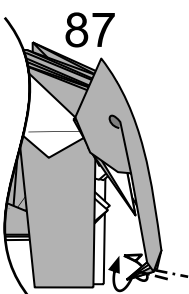
84  
Repeat steps 78-83 behind.



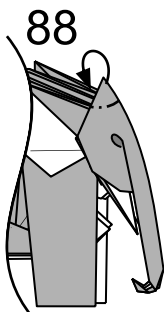
85  
Crimp. Form the eyes at the top of the pleats.



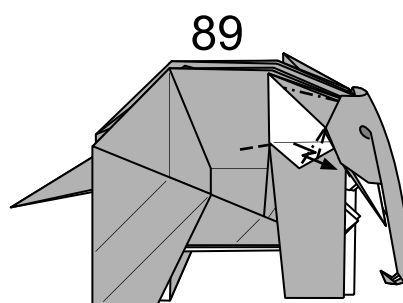
86  
Inside reverse-fold.



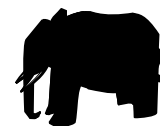
87  
Outside reverse-fold.



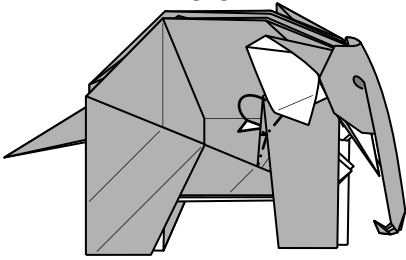
88  
Fold the corner in.



89  
Swivel the ear a little.

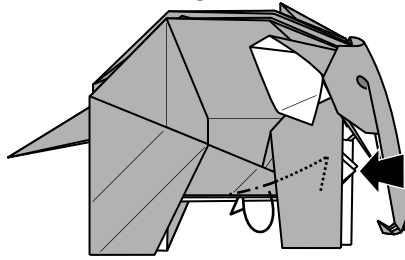


90



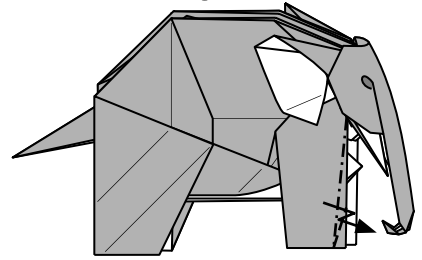
Mountain-fold.

91



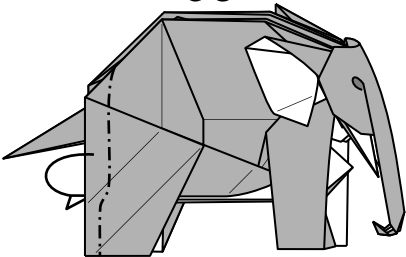
Swivel-fold to hide the unused paper.

92



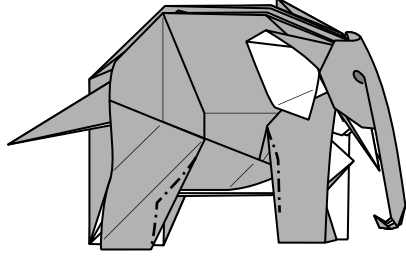
Pleat-fold.

93



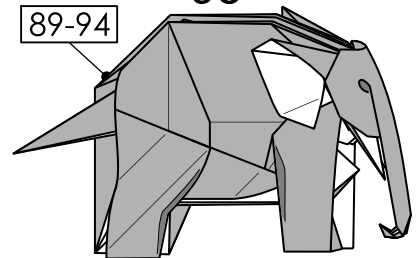
Mountain-fold.

94



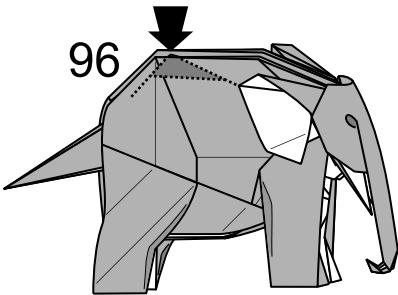
Shape the legs.

95



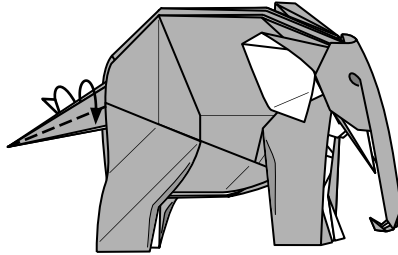
Repeat steps 89-94 behind.

96



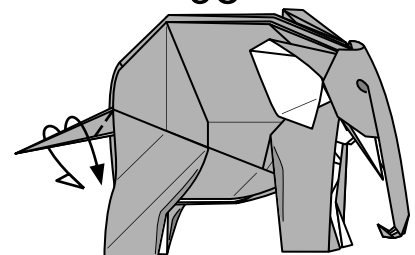
Closed sink the hidden corner.

97



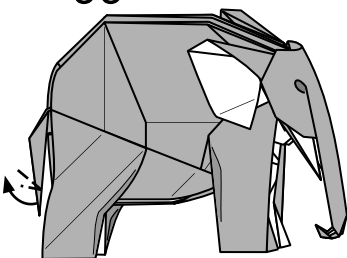
Narrow the tail.

98



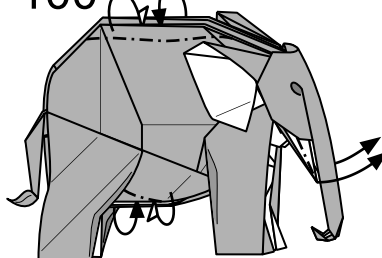
Outside reverse-fold.

99



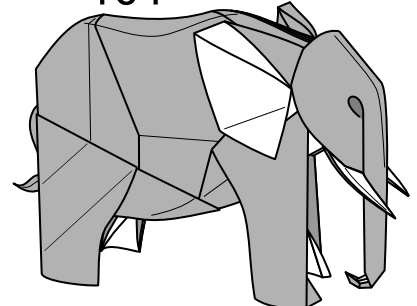
Open the tip of the tail.

100

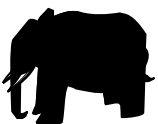


Shape the body and curve the tusks.

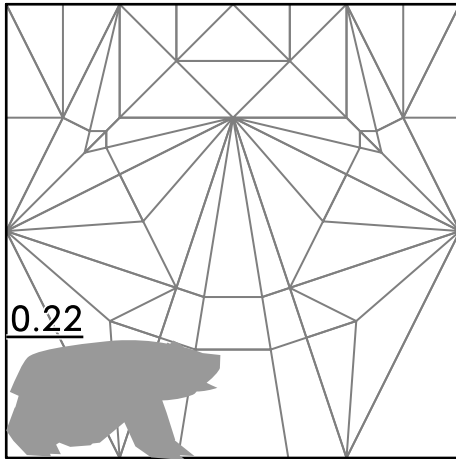
101



African Elephant completed.





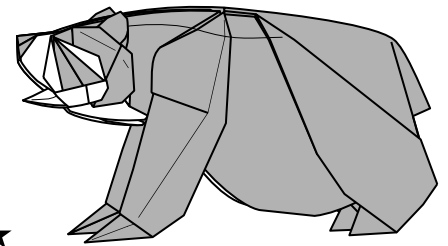


# Spectacled Bear

Nguyen Hung Cuong

30/08/2009

Ours à lunettes



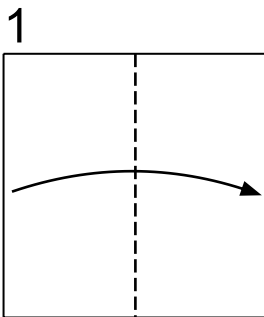
Level / Niveau : ★★★★★  
 Time to fold / Pliage : 2h  
 Paper size /  
 Taille du papier : 35x35cm

The biggest challenge for me when I designed this model was to create the color-changed area around the eyes. After many tries, I came up with a base from which many types of spectacled bear could be developed. This model is one of them.

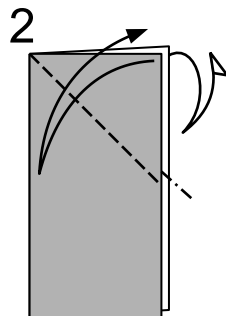
**Notes:** The face involves many folds without reference points. So you should experiment a few times until you achieve a satisfactory result.

*Quand j'ai conçu ce modèle, le plus grand défi pour moi fut de créer le changement de couleur autour des yeux. Après plusieurs essais, j'ai trouvé une base à partir de laquelle de nombreux types d'ours à lunettes peuvent être créés. Ce modèle est l'un d'eux.*

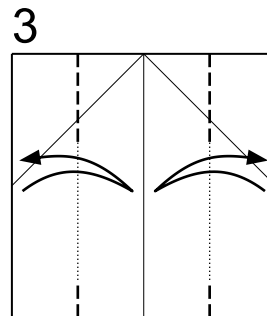
*Notes : la tête est formée avec de nombreux plis sans points de référence; vous devrez peut-être réaliser plusieurs essais pour obtenir un résultat satisfaisant.*



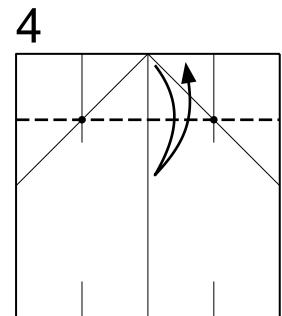
1  
White side up.  
Fold the paper in half.



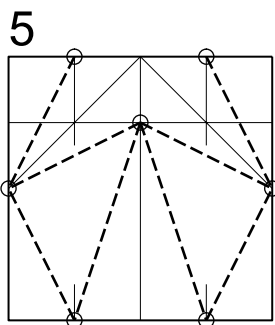
2  
Make creases, then  
unfold the paper.



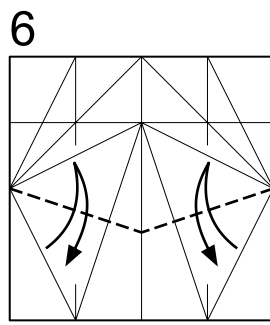
3  
Fold the edges to the  
center and unfold.



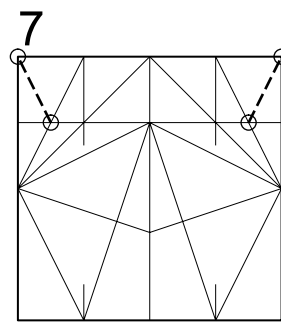
4  
Fold and unfold using  
intersections as a  
reference.



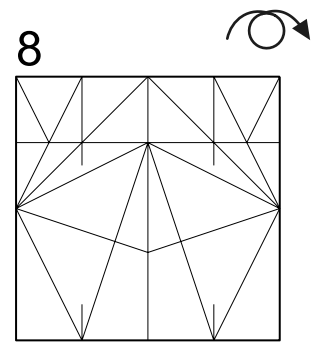
5  
Make creases between  
the points.



6  
Fold along angle  
bisectors and unfold.



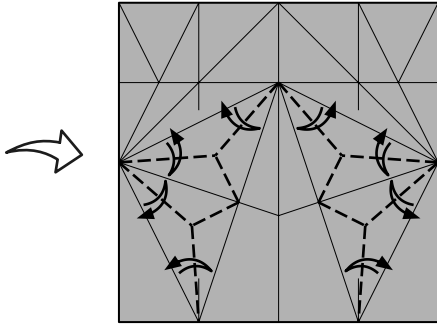
7  
Make creases between  
the points.



8  
Turn over.

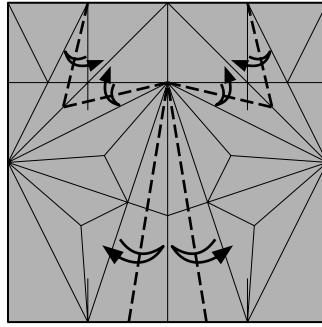


9



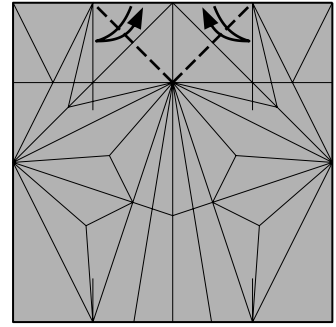
Fold the angle bisectors and unfold.

10



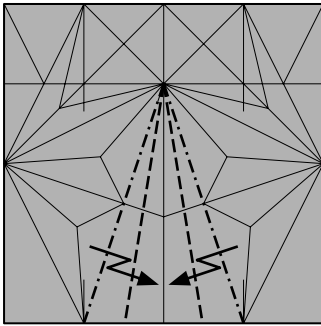
Fold the angle bisectors and unfold.

11



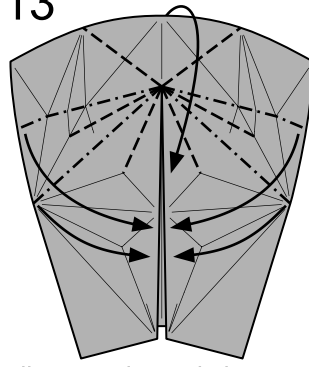
Fold and unfold.

12



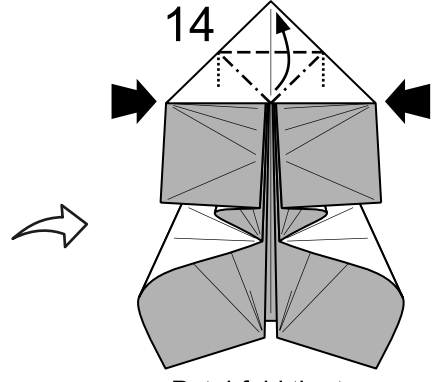
Pleat-folds.

13



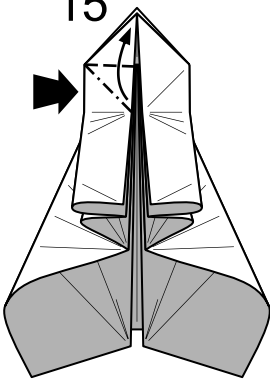
Collapse using existing creases. Only make sharp creases where indicated.

14



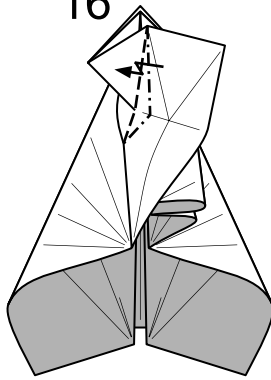
Petal-fold the top.

15



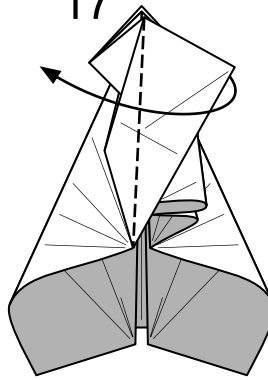
Squash-fold the top layer.

16



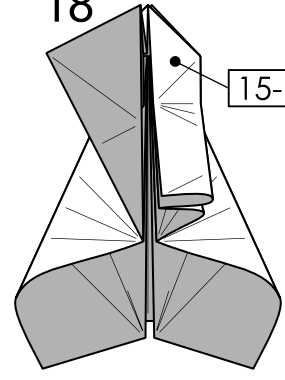
Pleat using existing creases.

17



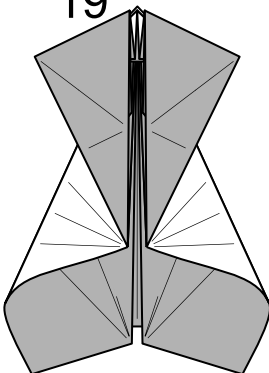
Fold the corner to the left.

18



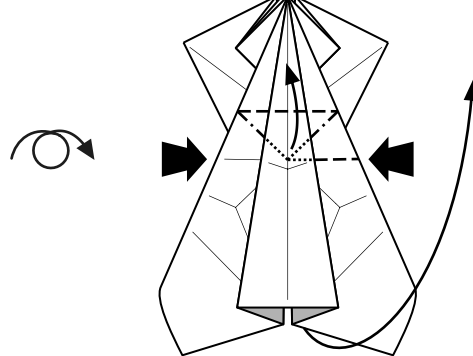
Repeat steps 15 to 17 on the right.

19



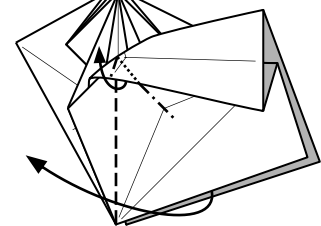
Turn over.

20



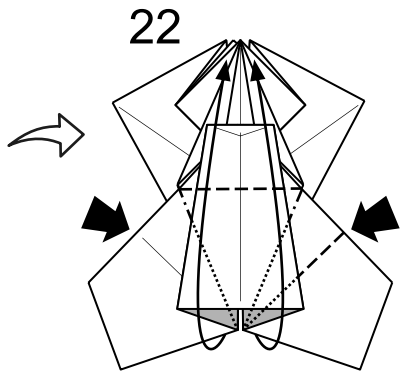
Push the sides in and swing the flap to the right.

21

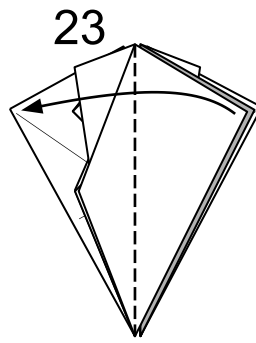


Squash-fold using existing creases.

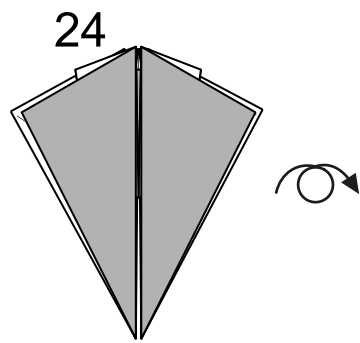




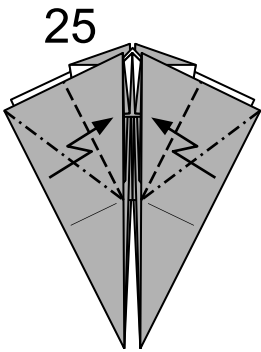
22 Push the sides in and fold the flap up (like a petal fold).



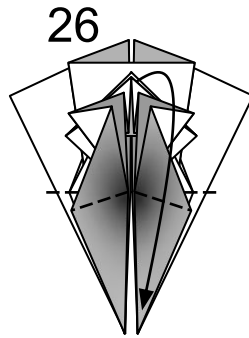
23 Fold the corner to the left.



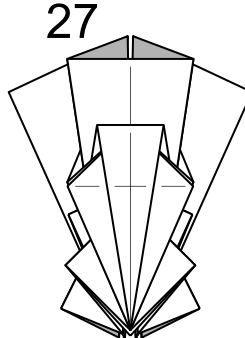
24 Turn over.



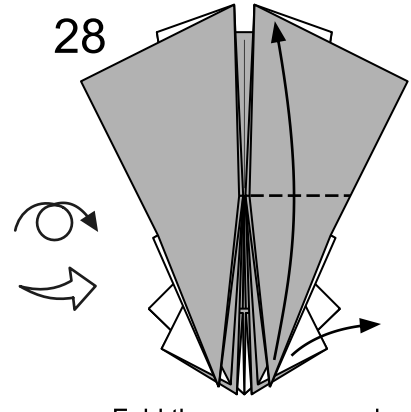
25 Pleat-folds.



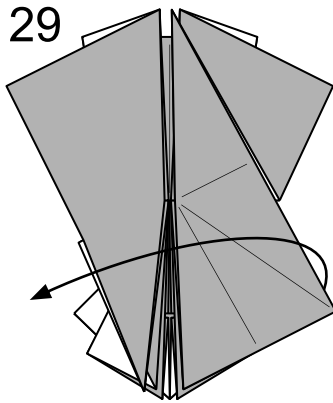
26 Join the corners together.



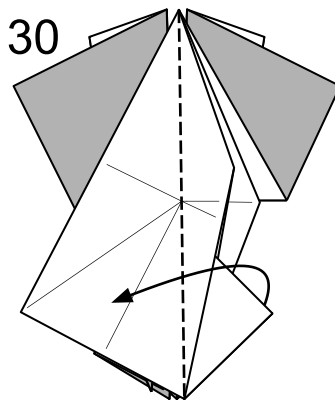
27 Turn over.



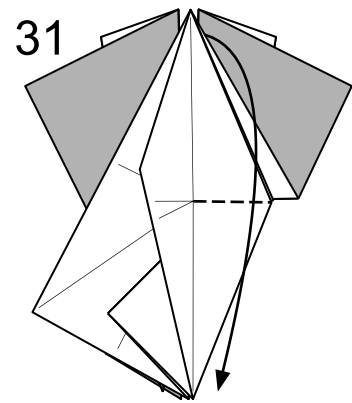
28 Fold the corner up and unfold the creases that you made in step 25.



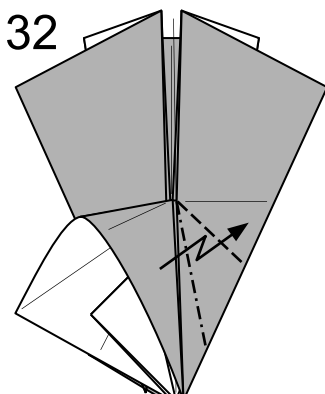
29 Fold one flap to the left.



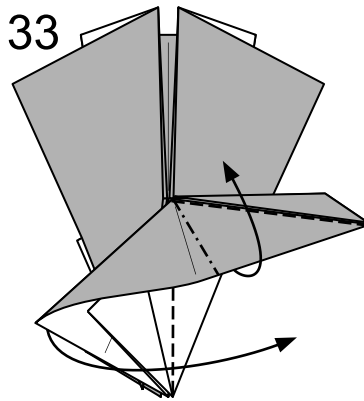
30 Fold another flap to the left.



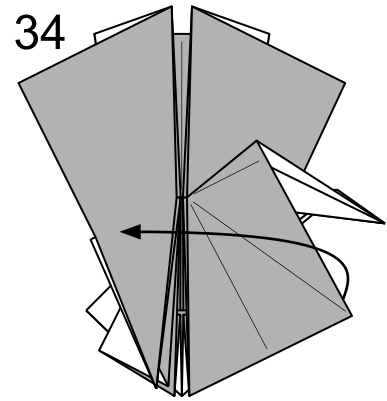
31 Fold the corner down.



32 Pleat-fold.



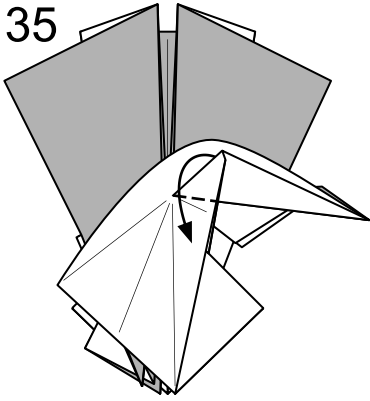
33 Squash-fold.



34 Open one layer.

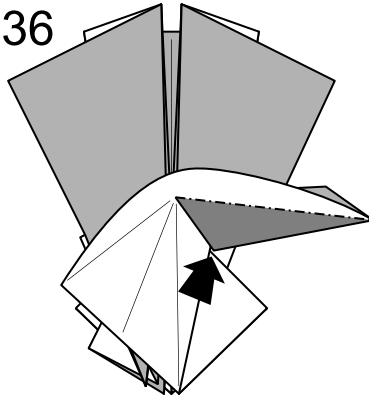


35



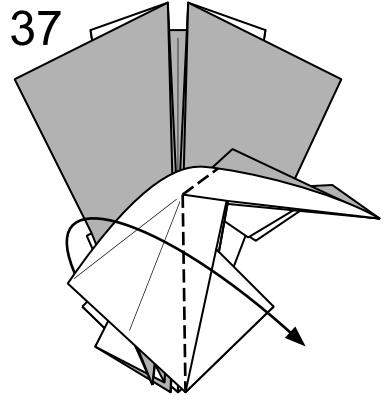
Fold the flap down.

36



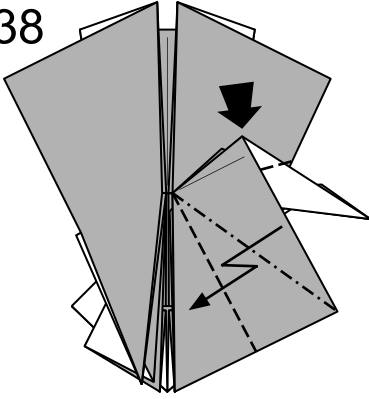
Closed sink the corner.

37



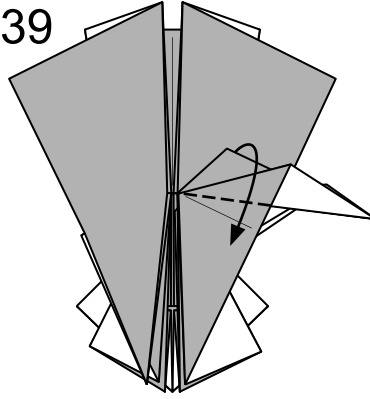
Valley-fold.

38



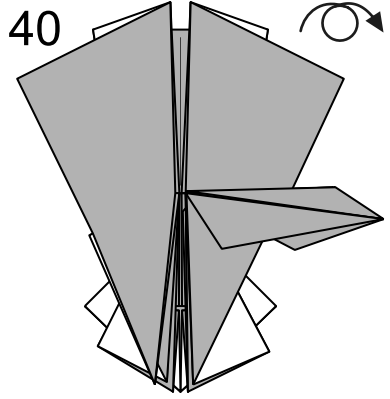
Squash-fold.

39



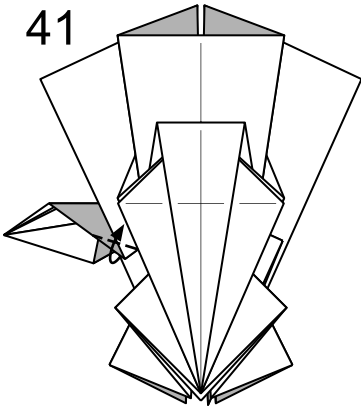
Fold two flaps down.

40



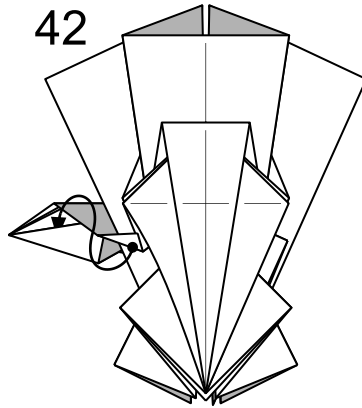
Turn over.

41



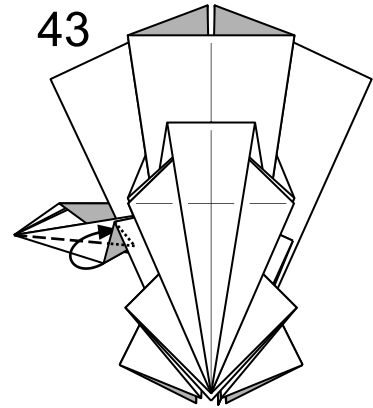
Fold the corner just a little.

42



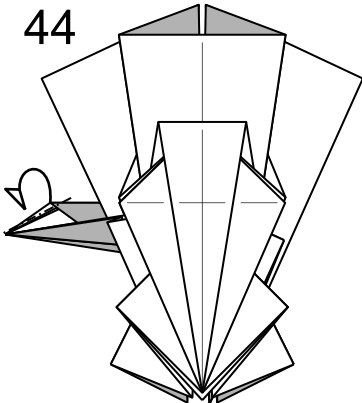
Tuck the flap into the pocket.

43



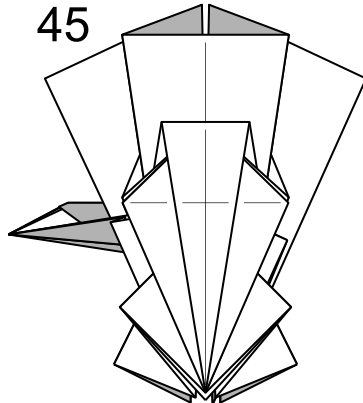
Inside reverse-fold.

44



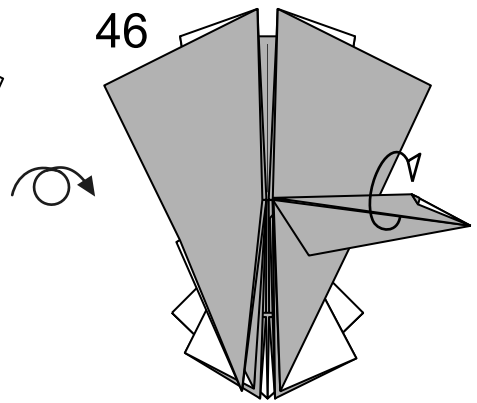
Mountain-fold the corner.

45



Turn over.

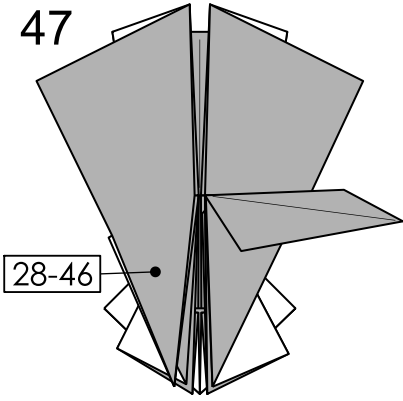
46



Reverse two layers.



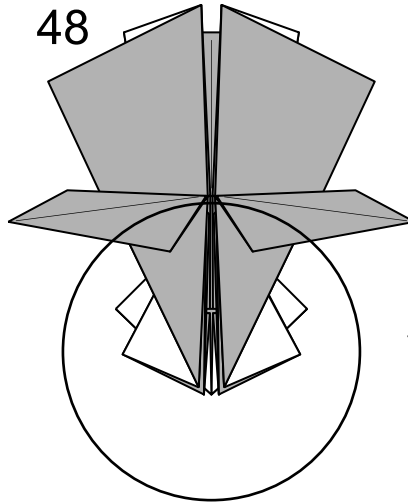
47



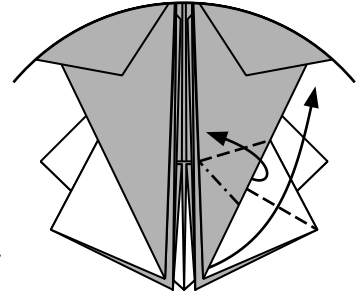
28-46

Repeat steps 28 to 46 on the left.

48

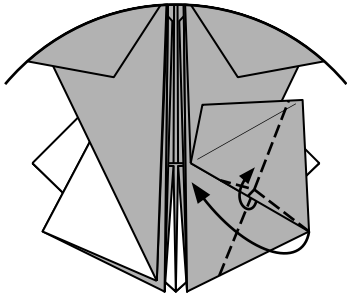


49



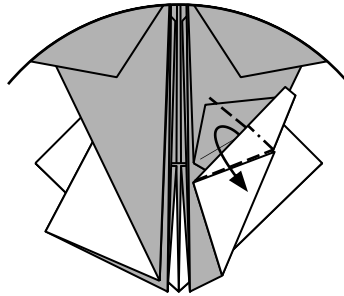
Squash-fold.

50



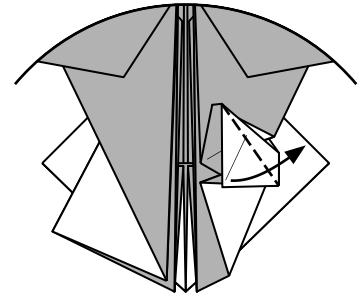
Inside reverse-fold while folding the corner to the center.

51



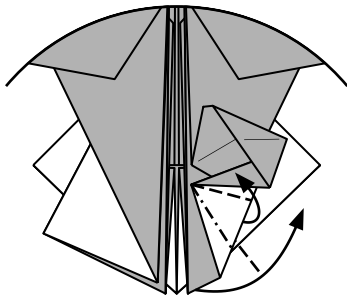
Squash-fold.

52



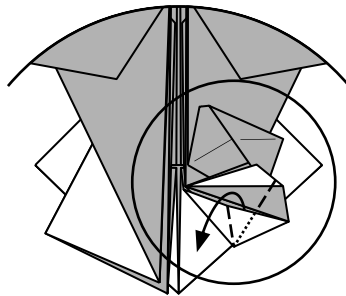
Fold the corner out.

53



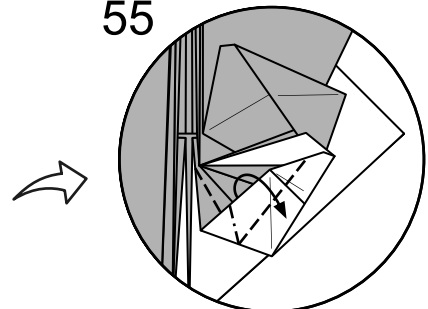
Squash-fold.

54



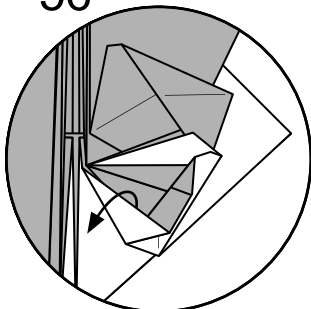
Squash-fold.

55



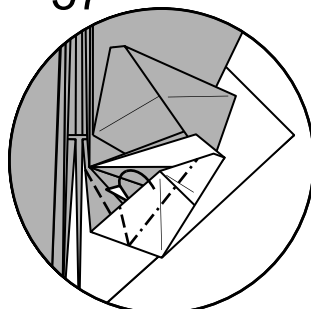
Squash-fold.

56



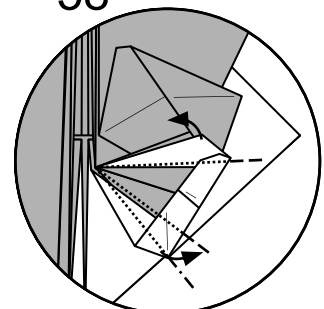
Unfold.

57



Inside reverse-fold using the creases made in step 55.

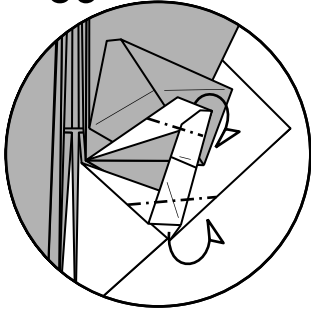
58



Swivel the flap a little.

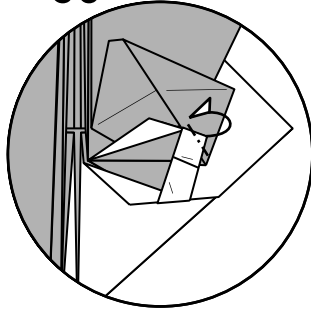


59



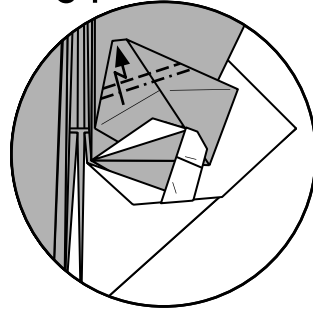
Mountain-folds.

60



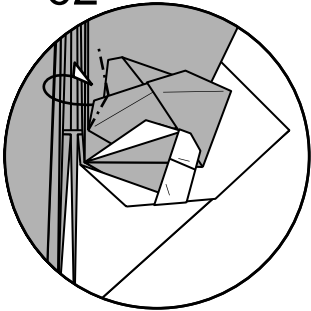
Mountain-fold.

61



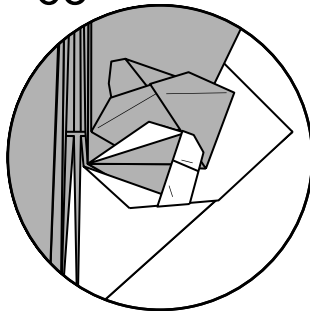
Pleat-fold.

62

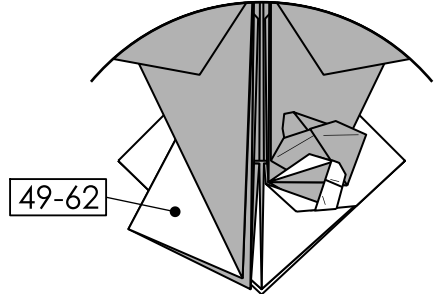


Mountain-fold.

63

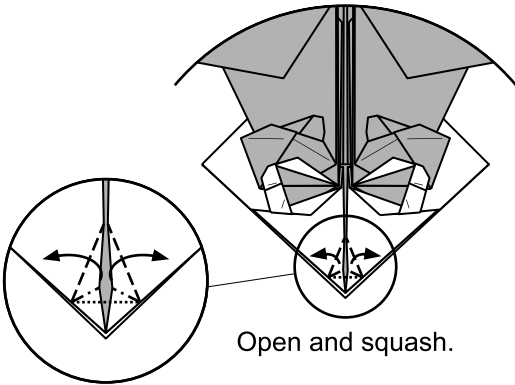


64



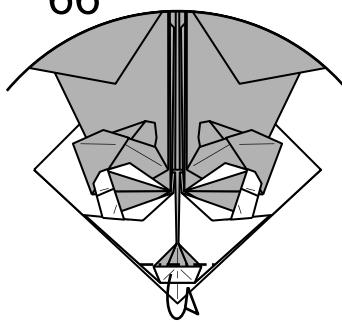
Repeat steps 49 to 62 on the left.

65



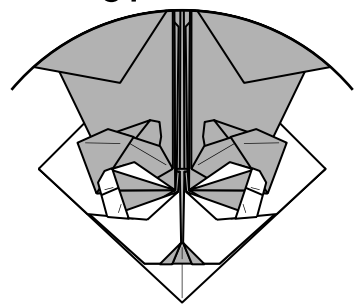
Open and squash.

66

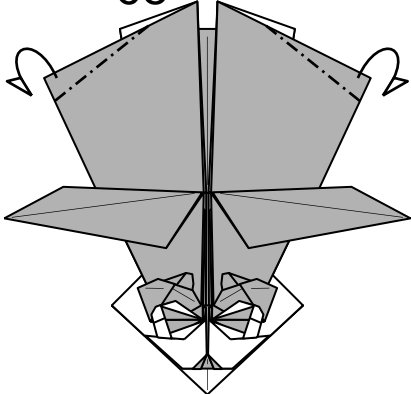


Mountain-fold.

67

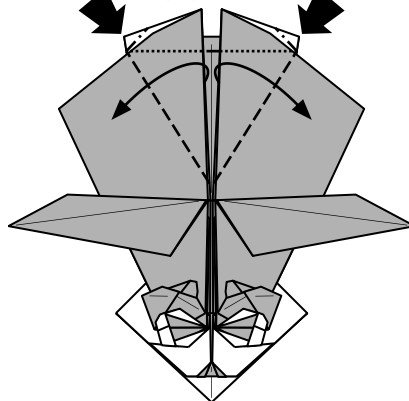


68



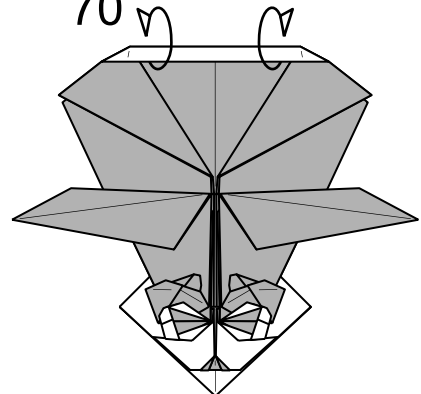
Mountain-fold the corners.

69



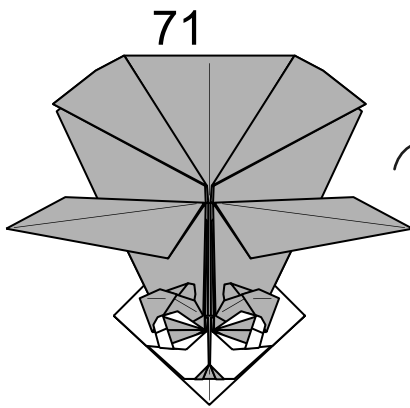
Fold the corners out and squash.

70

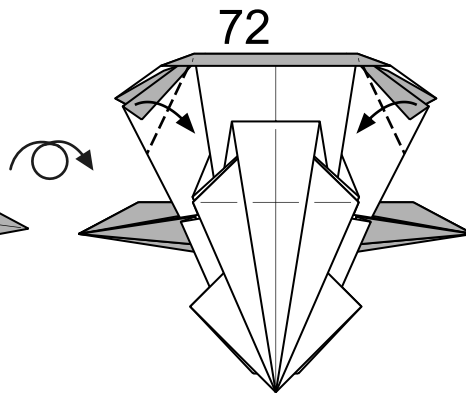


Reverse the paper.

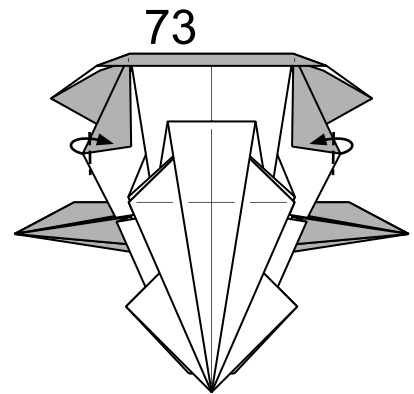




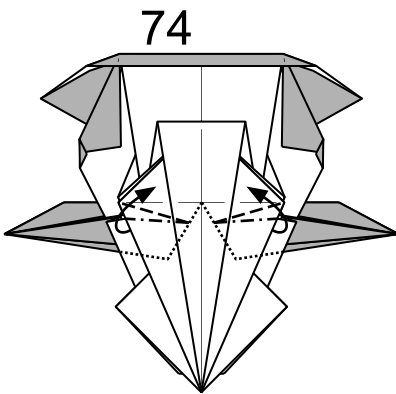
71  
Turn over.



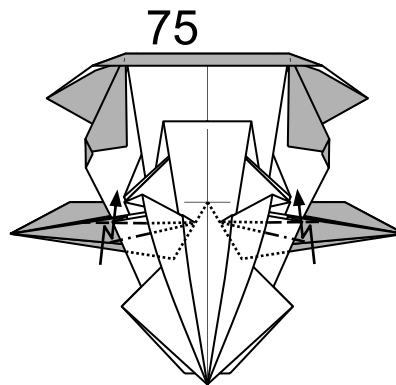
72  
Fold the corners in.



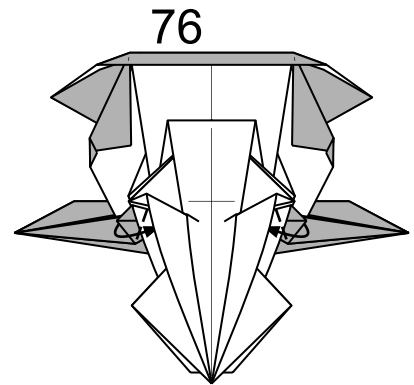
73  
Fold the corners in.



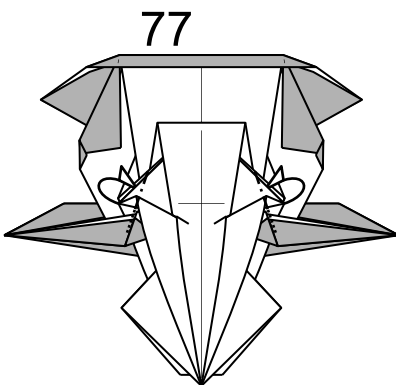
74  
Pleat-fold the top layer only. Note the intersections of the creases and the flap behind.



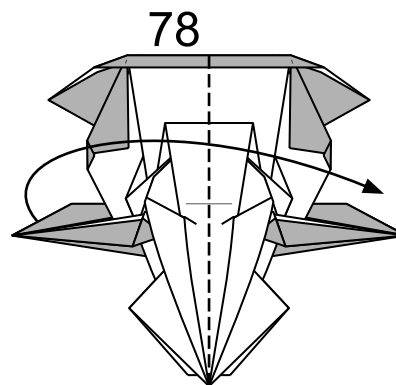
75  
Pleat-fold the second layer.



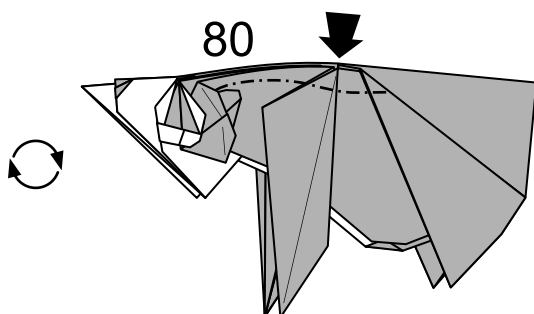
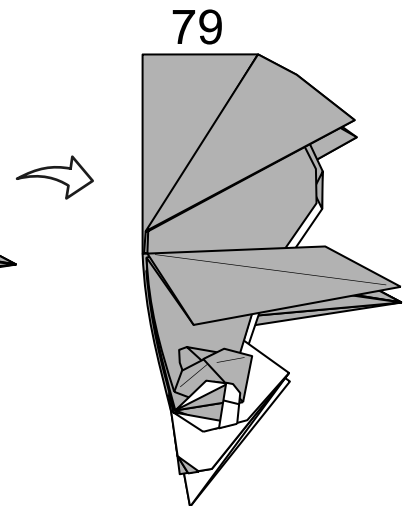
76  
Fold the corners in.



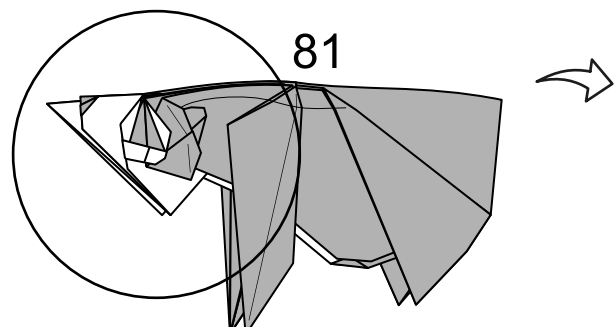
77  
Mountain-fold the corner on each side.



78  
Fold the model in half.

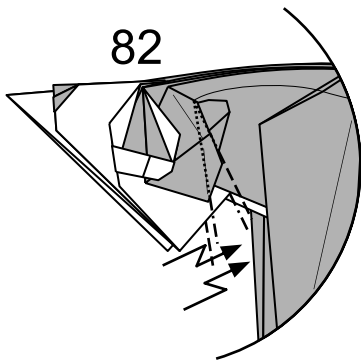


80  
Shape the back.



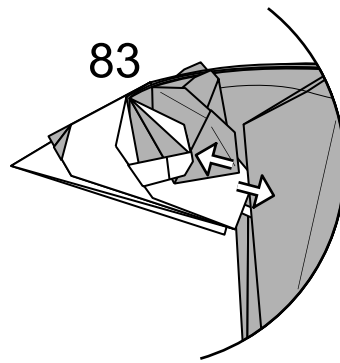
81  
Focus on the head.





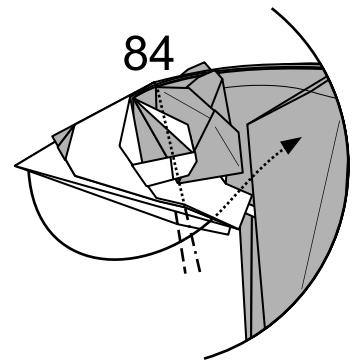
82

Crimp.



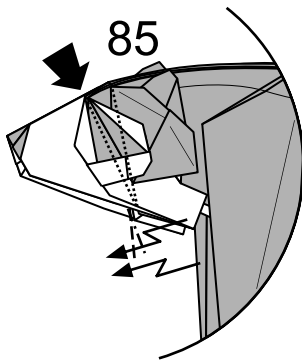
83

Pull out the front layer.  
Repeat behind.



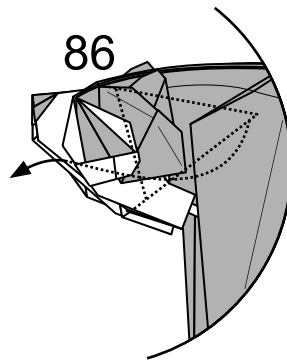
84

Inside reverse-fold.



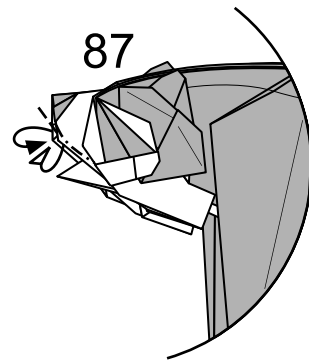
85

Crimp and sink.



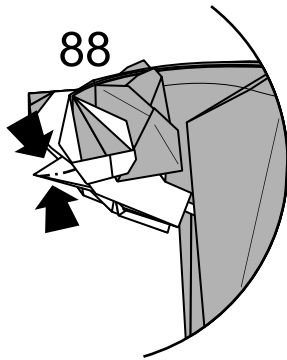
86

Inside reverse-fold the  
hidden corner.



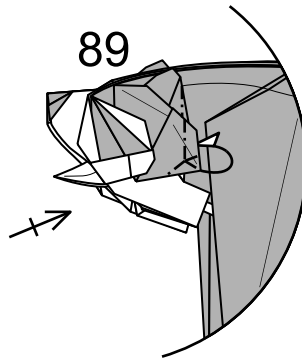
87

Fold the corners inside.



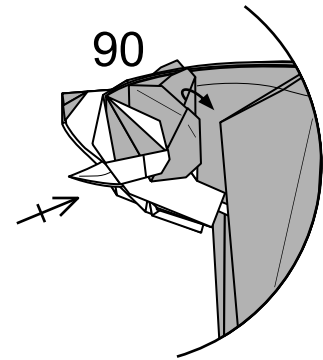
88

Shape the mouth.



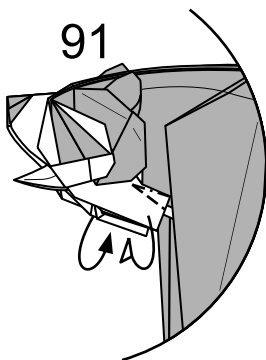
89

Fold the corner behind.  
Repeat on the other side.



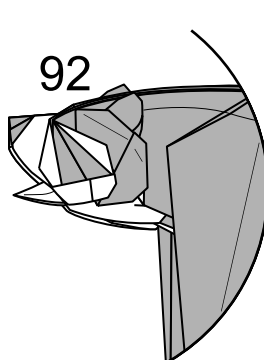
90

Shape the ear.  
Repeat behind.

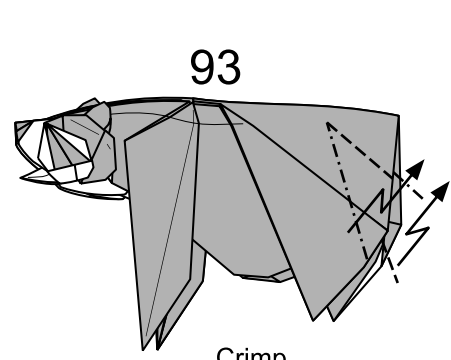


91

Narrow  
the neck.



92

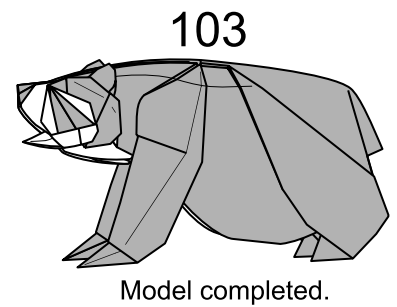
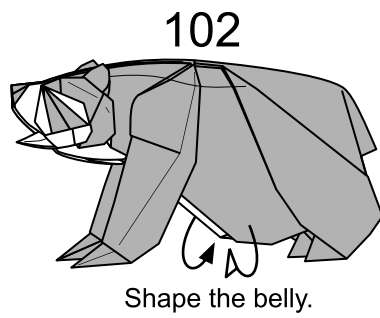
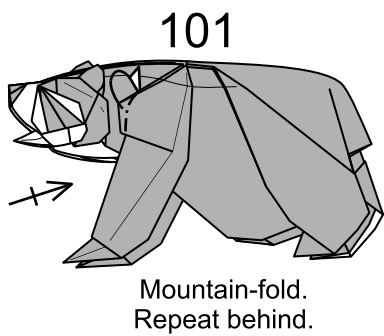
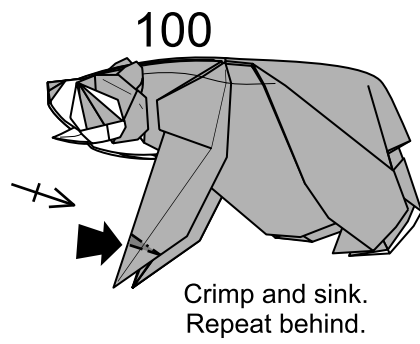
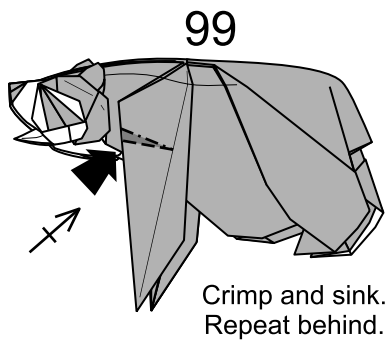
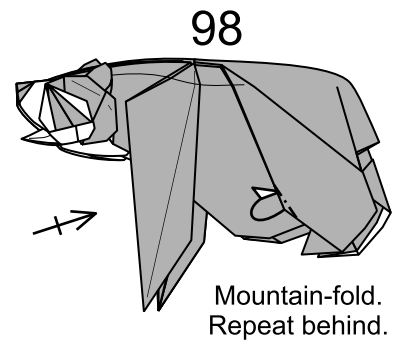
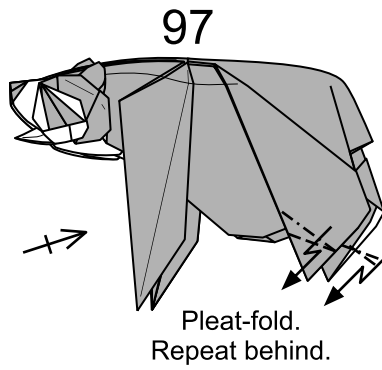
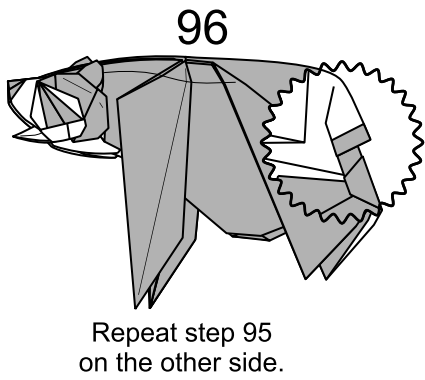
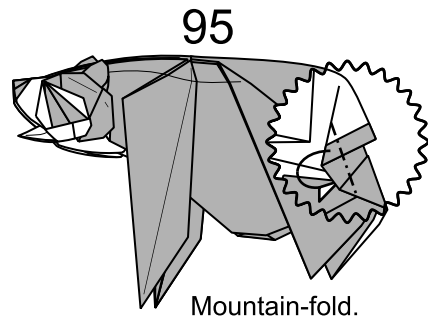
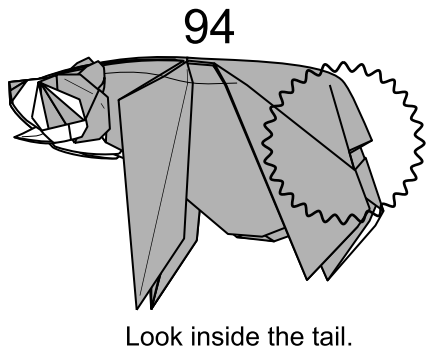


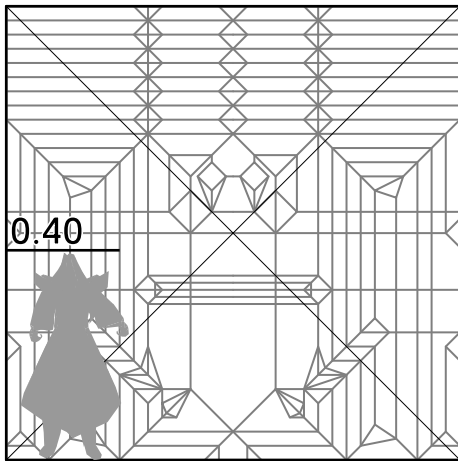
93

Crimp.







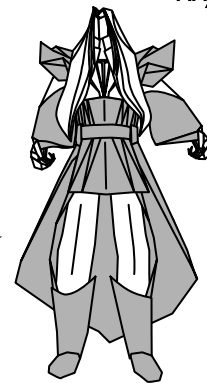


# Tenzen

Hoang Trung Thanh

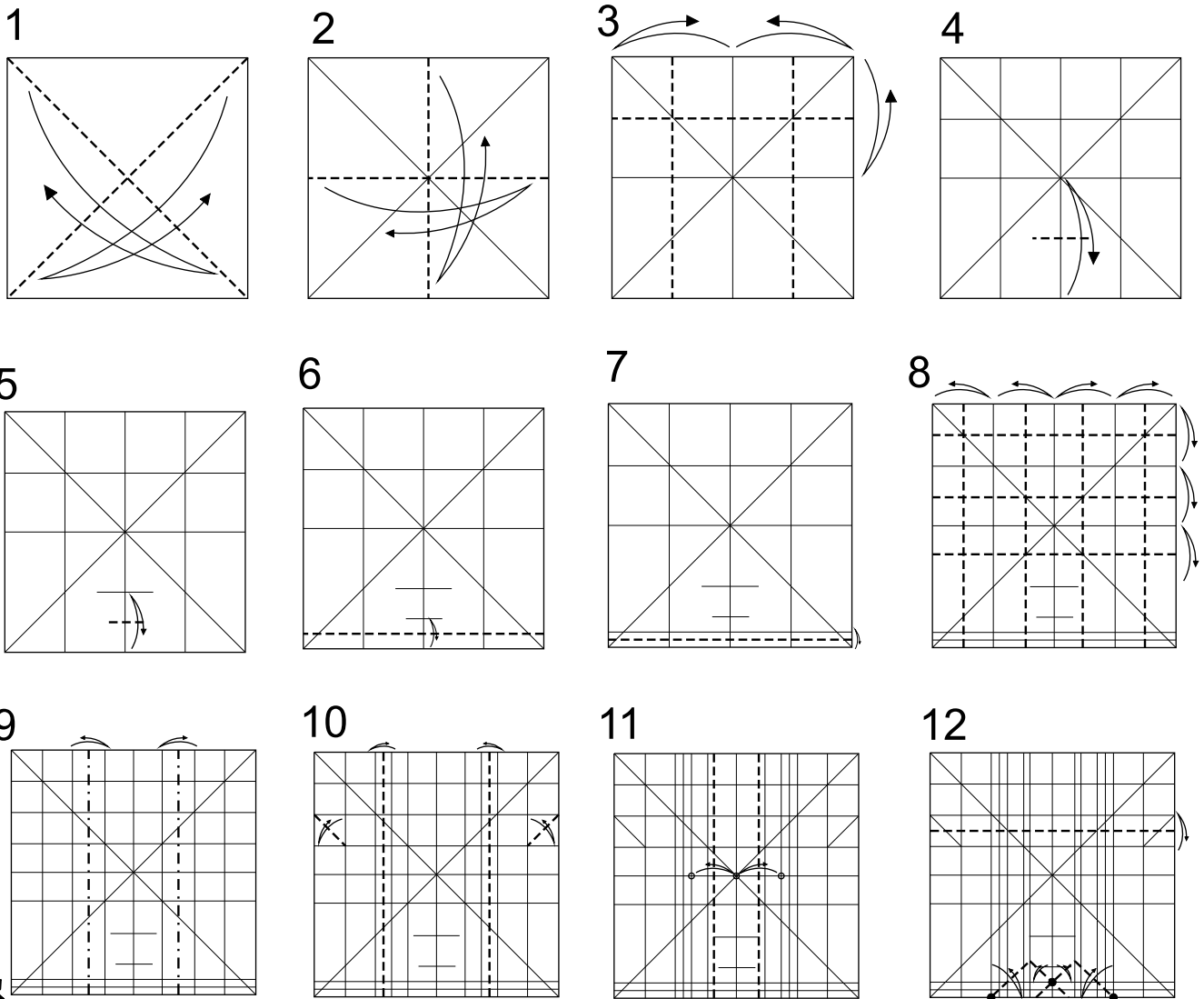
xx/xx/2008

Level / Niveau : ★★★★★  
 Time to fold / Pliage : 5h  
 Paper size /  
 Taille du papier : 50x50cm

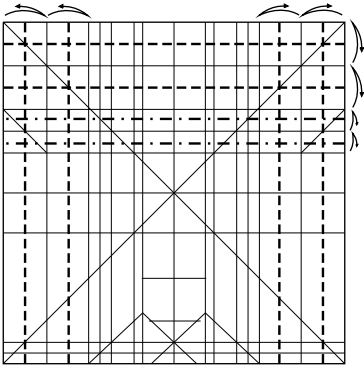


This model was created in 2008, it was inspired by a character from the film "Shinobi: Heart Under Blade". His name is "Yakushiji Tenzen" and he is an immortal Ninja sent by Iga. The model is folded from an uncut square using the box pleating technique on a 32x32 grid. You should use foil-backed paper, which help shaping and a 40x40cm or 50x50cm square of paper is recommended.

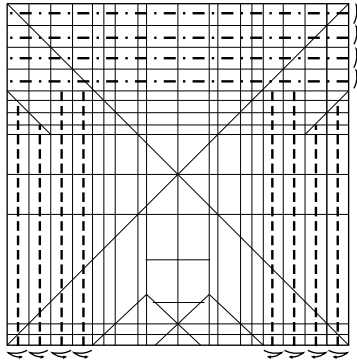
*Ce modèle, créé en 2008, a été inspiré par un personnage du film "Shinobi : Heart Under Blade". "Yakushiji Tenzen" est un Ninja immortel envoyé par Iga. Le modèle est plié à partir d'un carré non coupé en utilisant la technique du box-pleating sur une grille de 32x32. Vous devriez utiliser du papier métallisé pour un meilleur modelage. Une taille de 40x40cm ou 50x50cm est recommandée.*



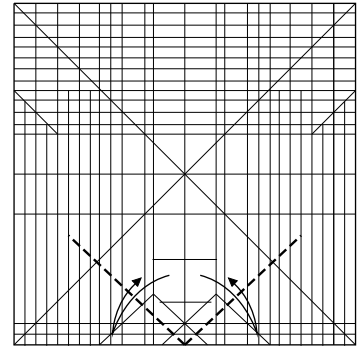
13



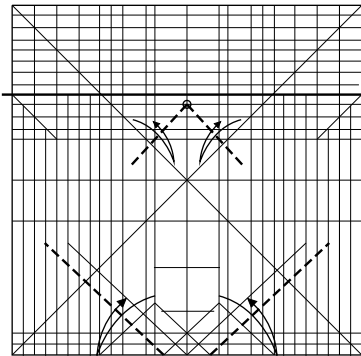
14



15

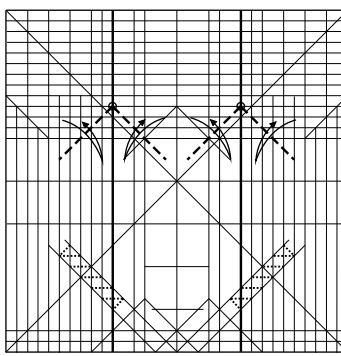


16

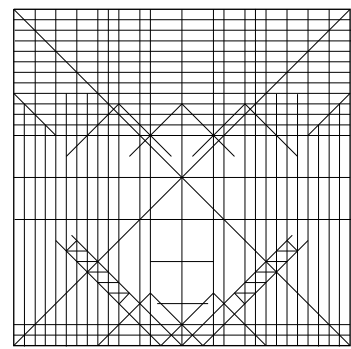


Note this line.

17



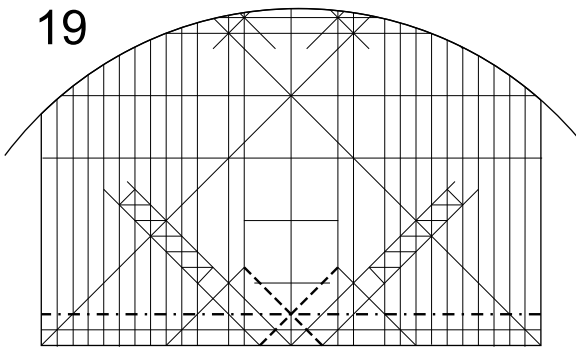
18



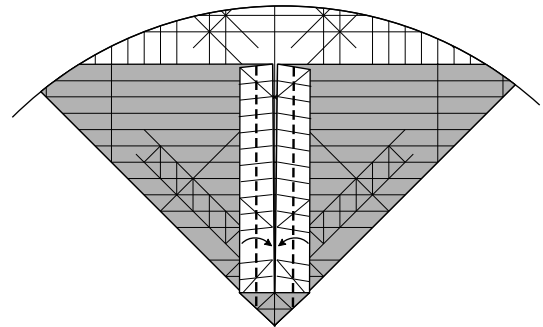
(B)

(A)

19

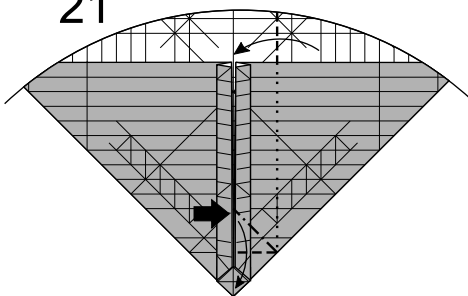


20

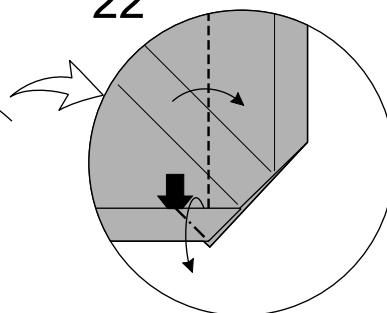


(A)

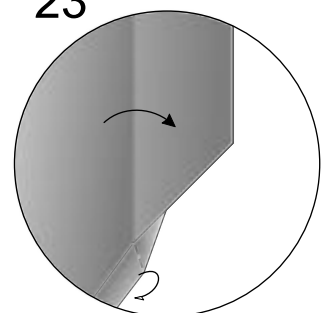
21



22



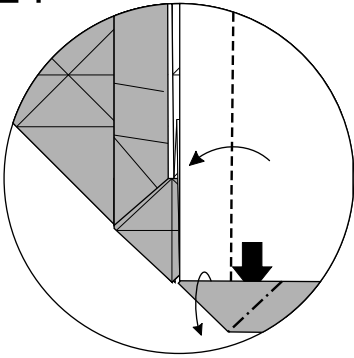
23



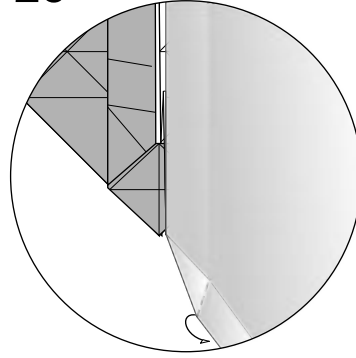
Work in progress...



24

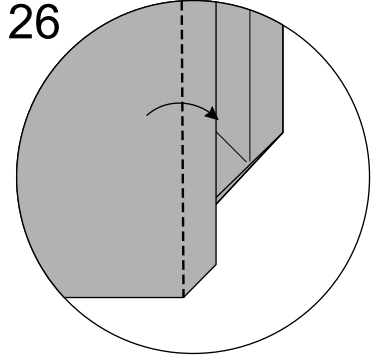


25

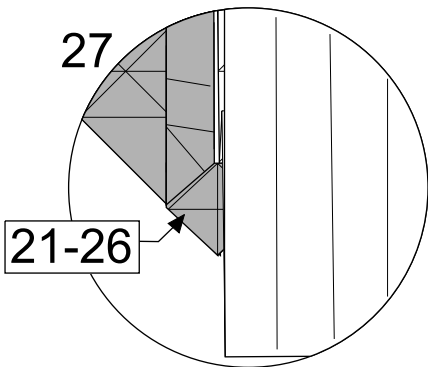


Work in progress...

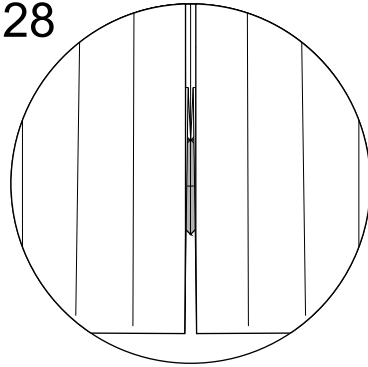
26



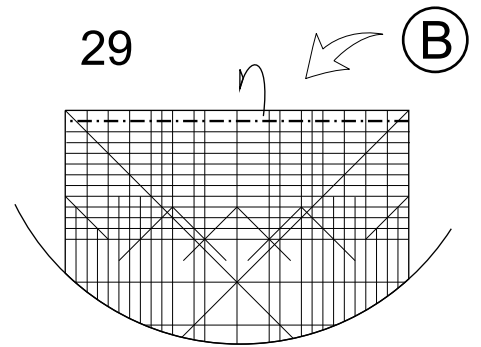
27



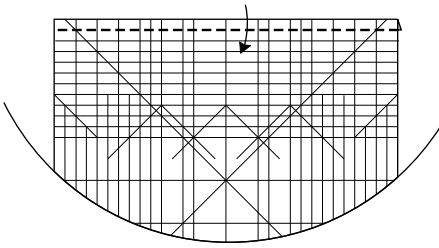
28



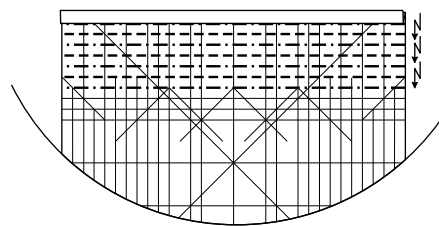
29



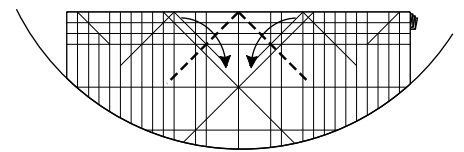
30



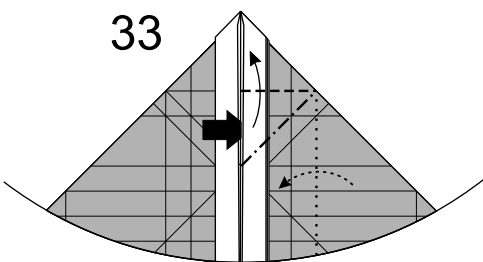
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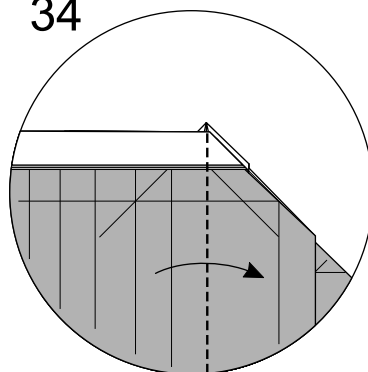
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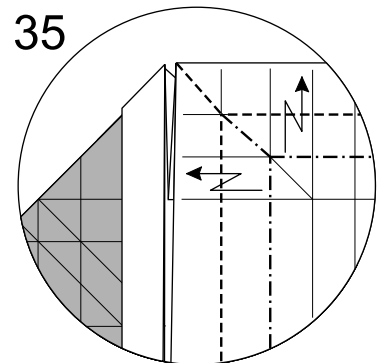
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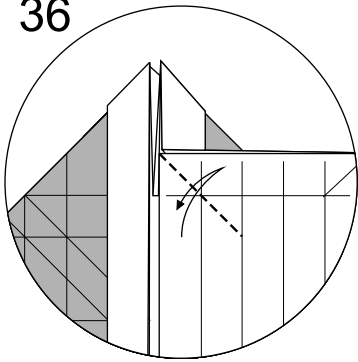
34



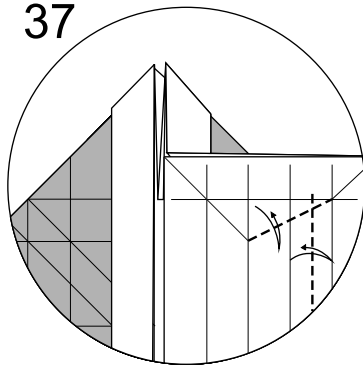
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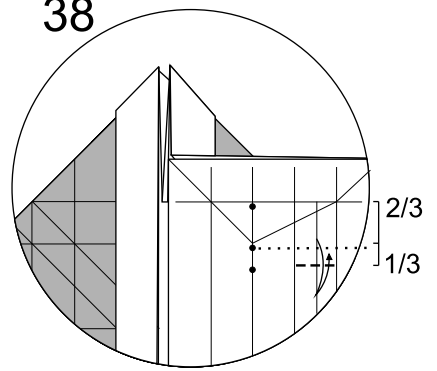
36



37

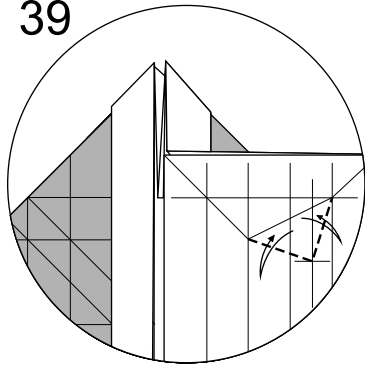


38

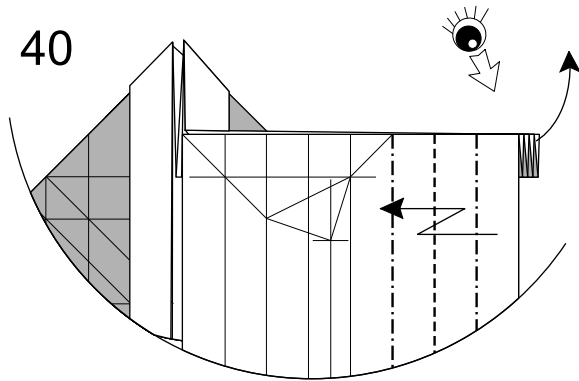


Create a valley-fold then  
a vertical valley-fold  
to the end of the paper.

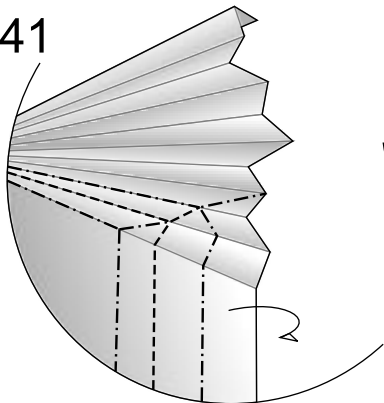
39



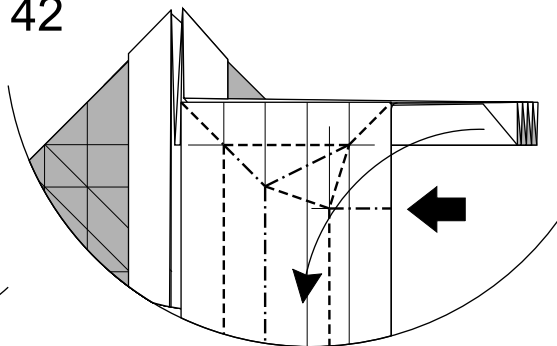
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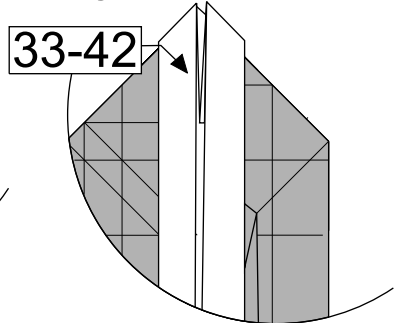
41



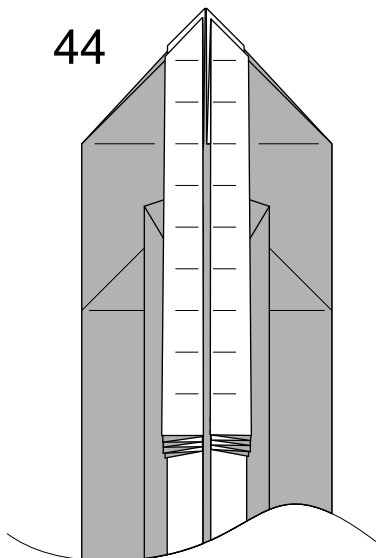
42



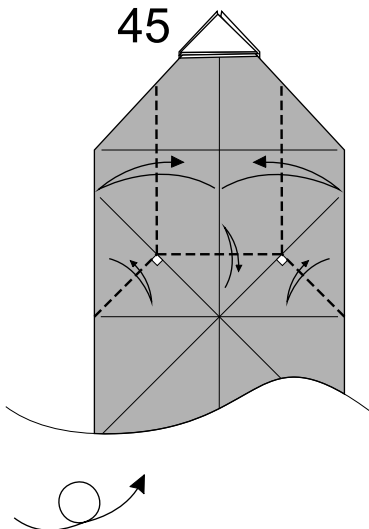
43



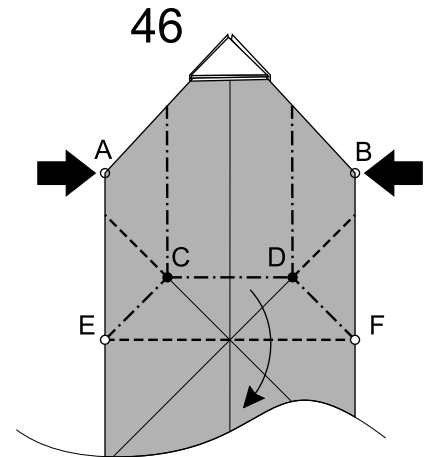
44

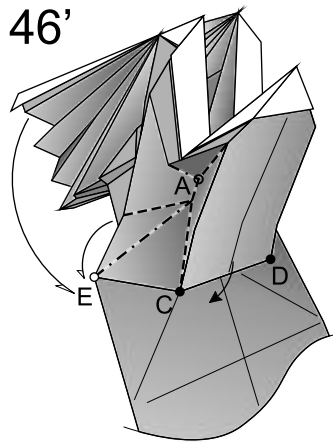


45

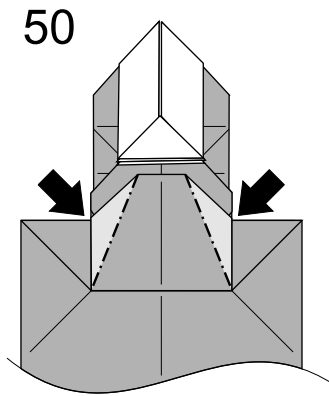
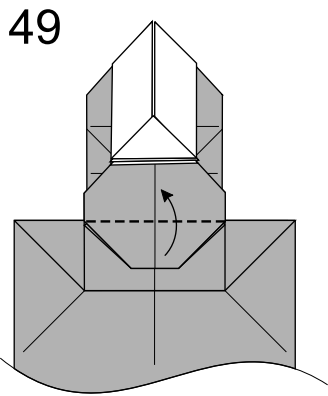
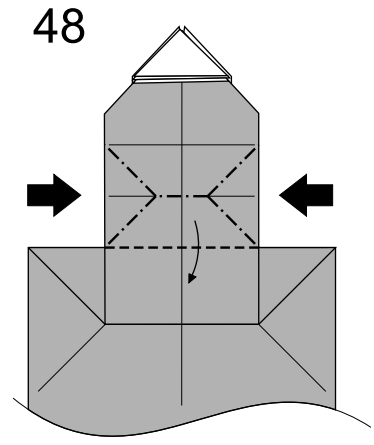
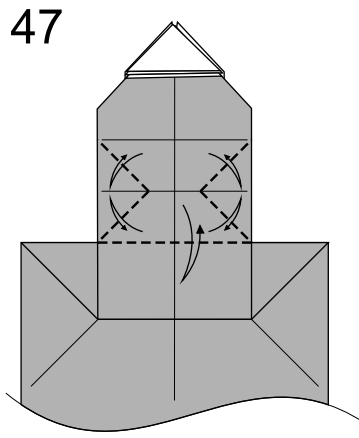


46

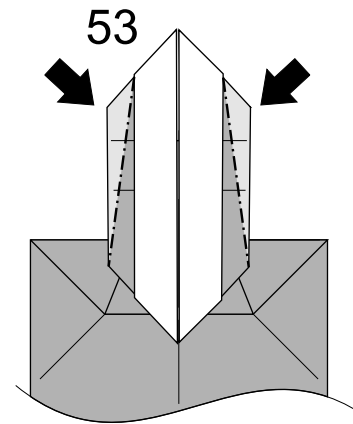
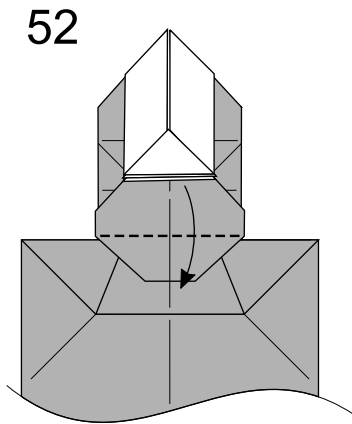
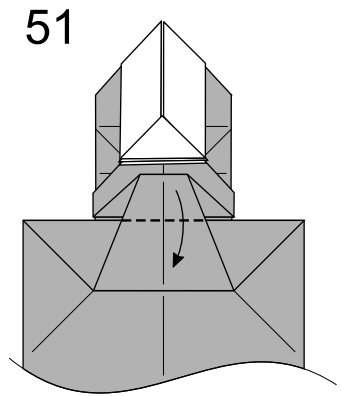




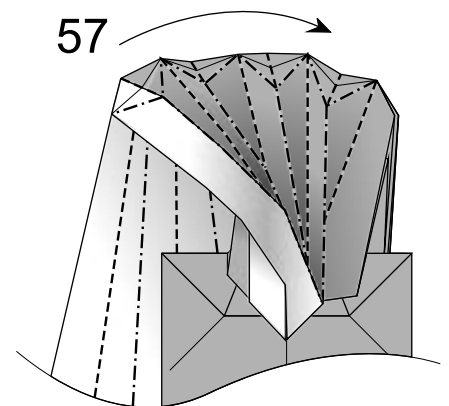
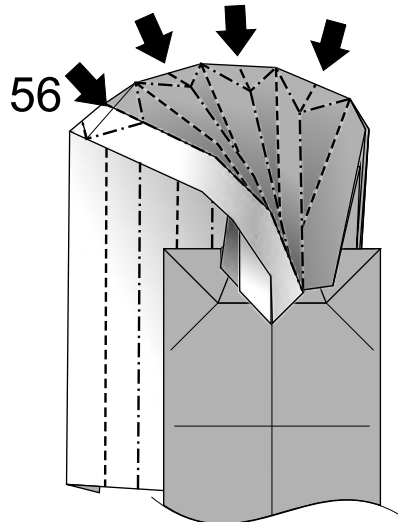
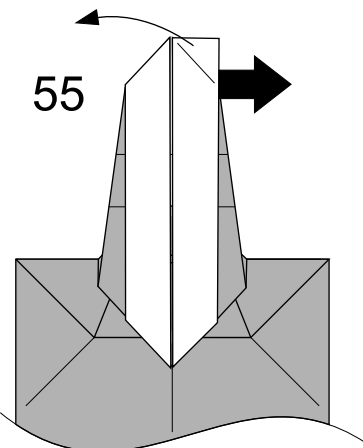
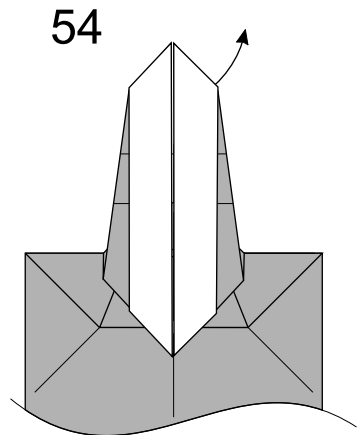
Work in progress...

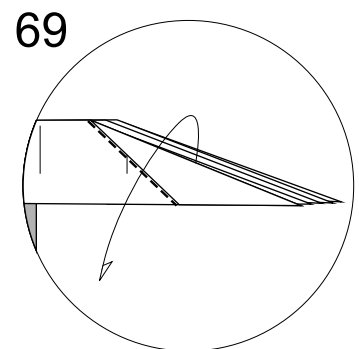
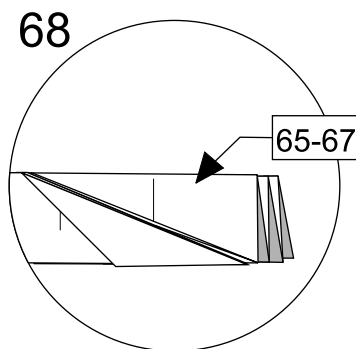
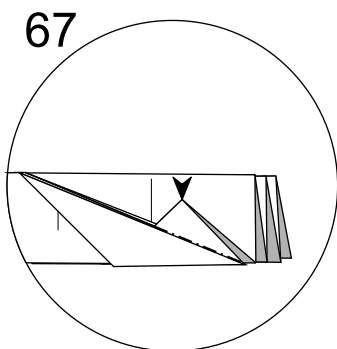
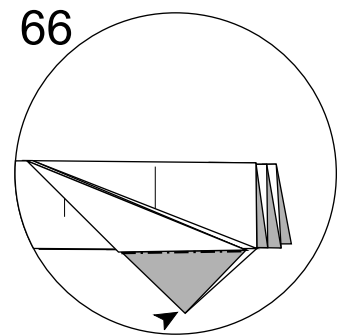
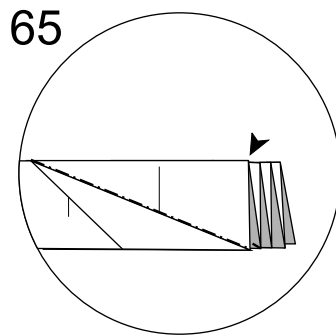
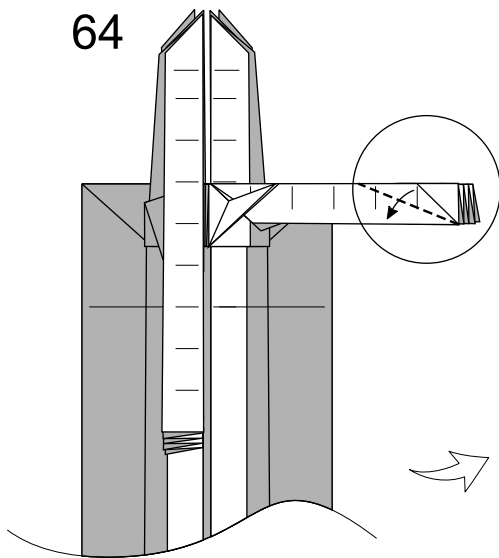
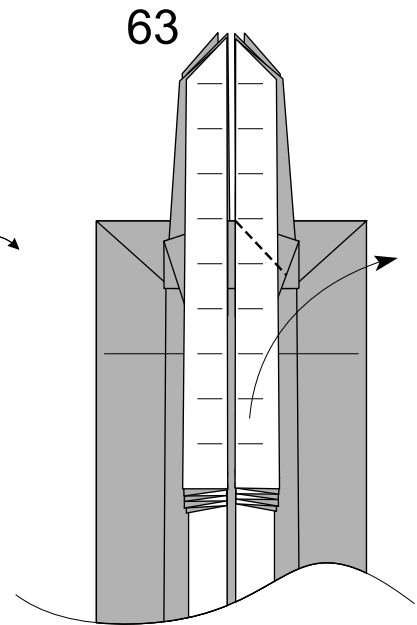
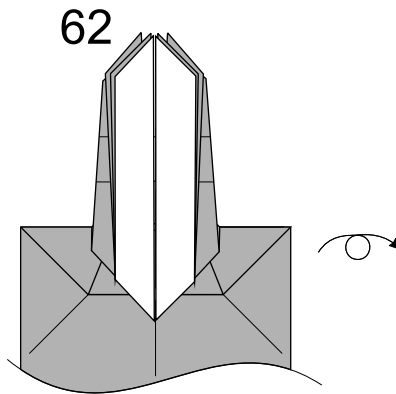
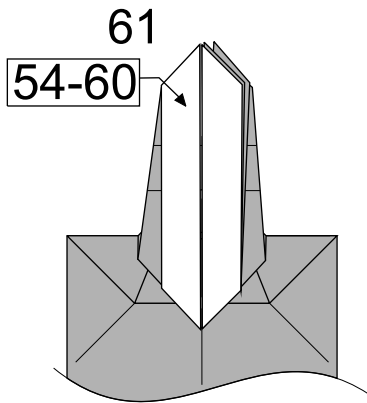
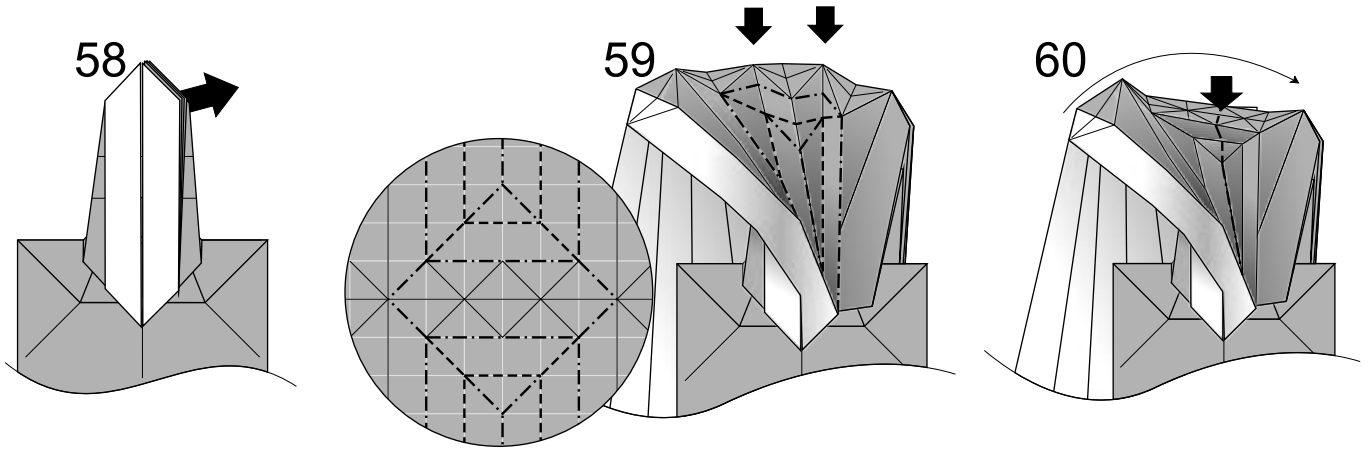


Open sink.

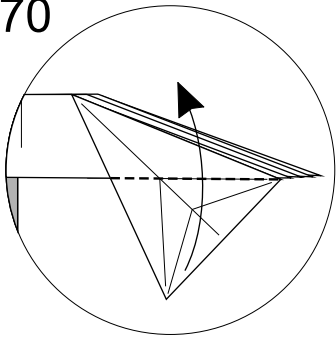


Open sink.

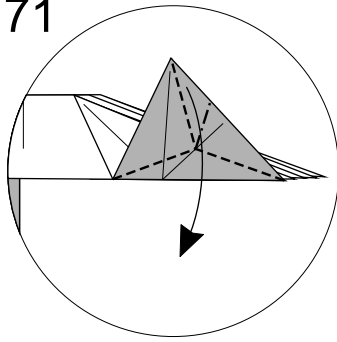




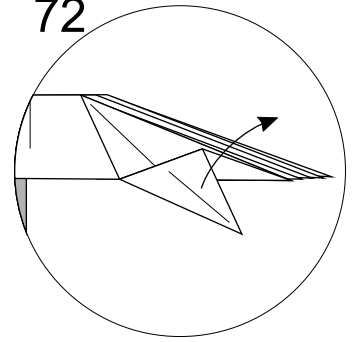
70



71

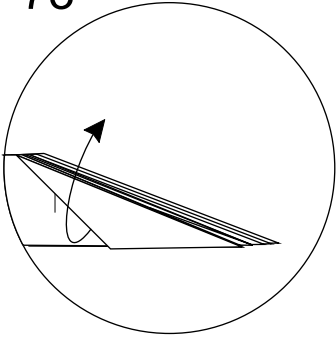


72

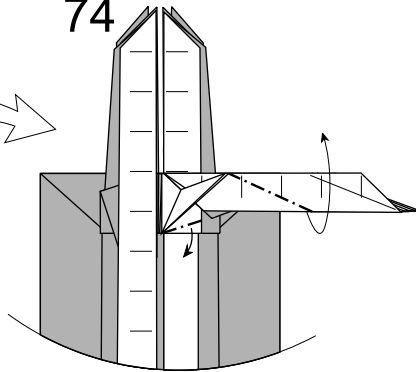


Unfold to step 69.

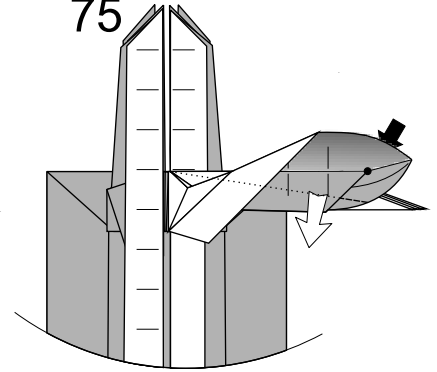
73



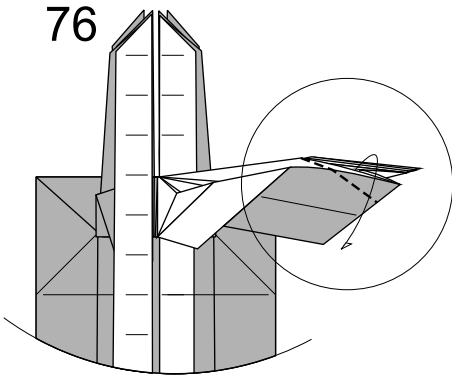
74



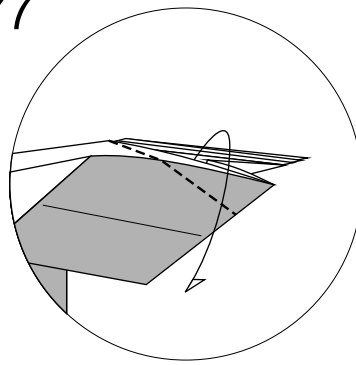
75



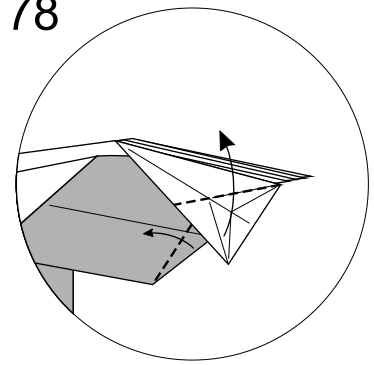
76



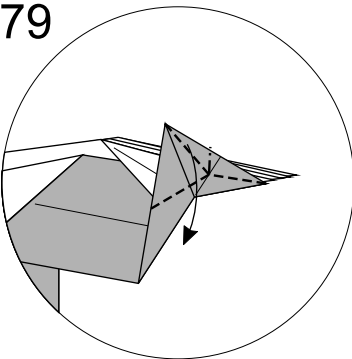
77



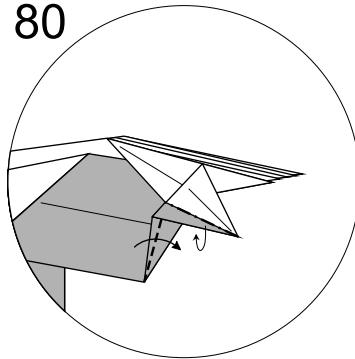
78



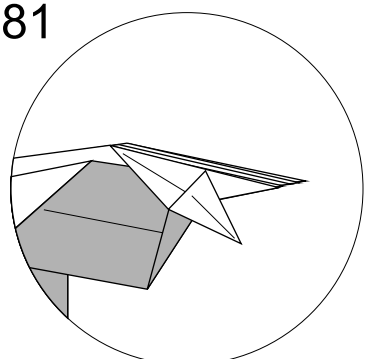
79



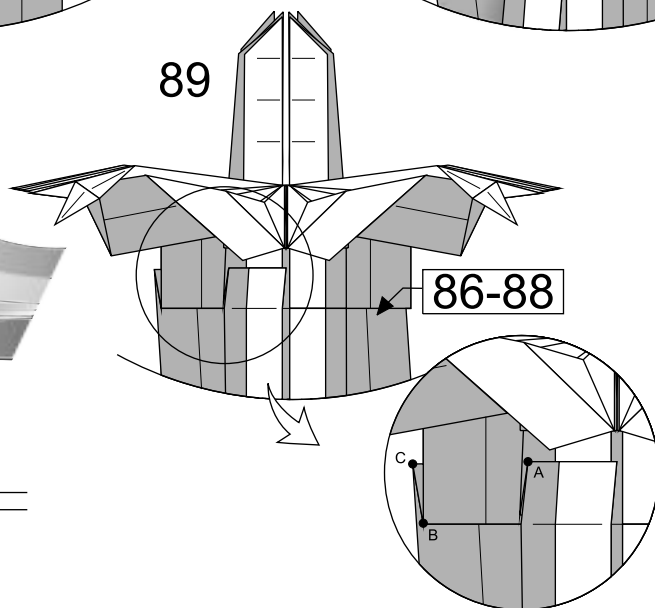
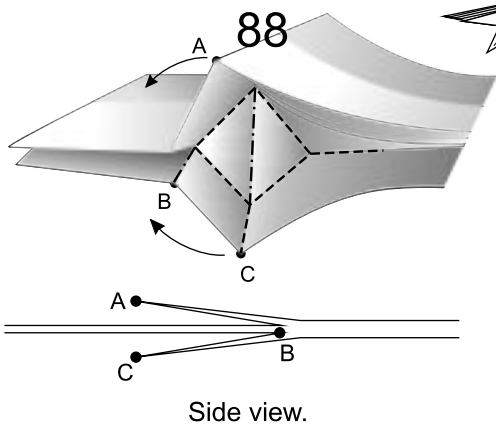
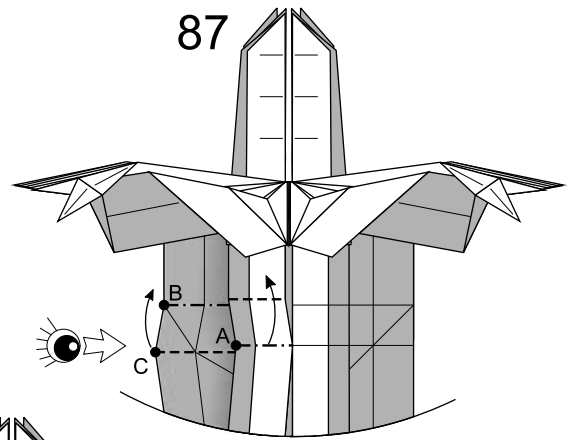
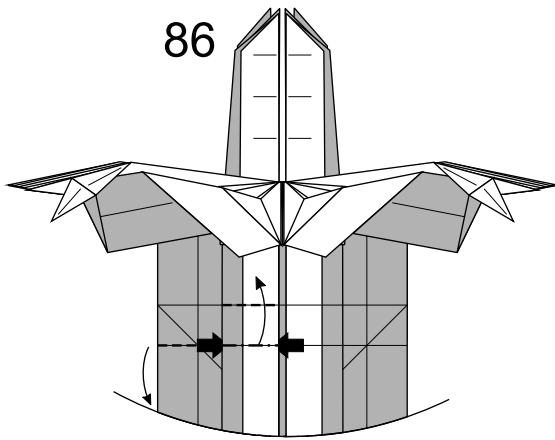
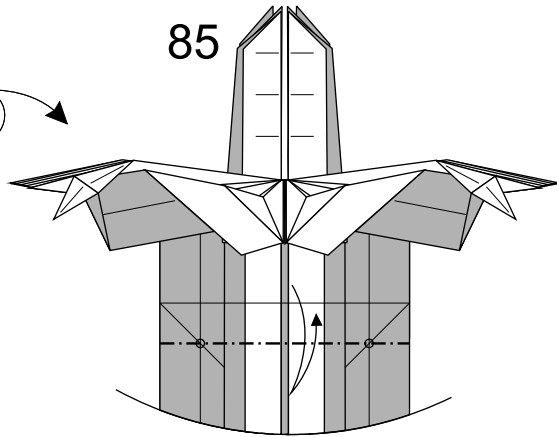
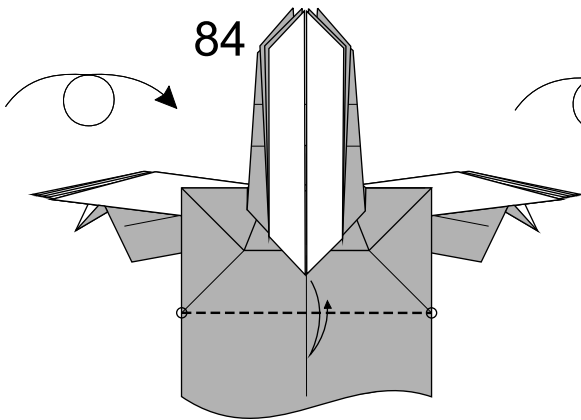
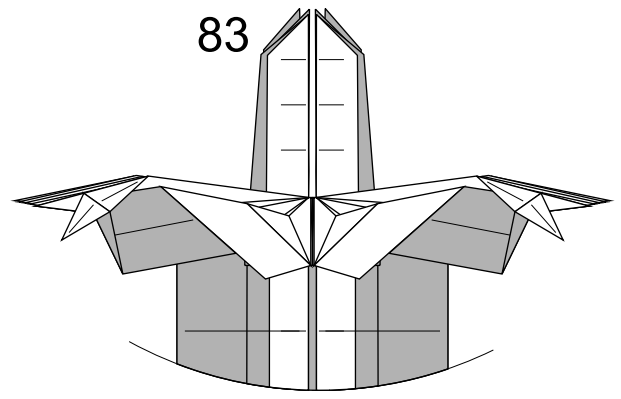
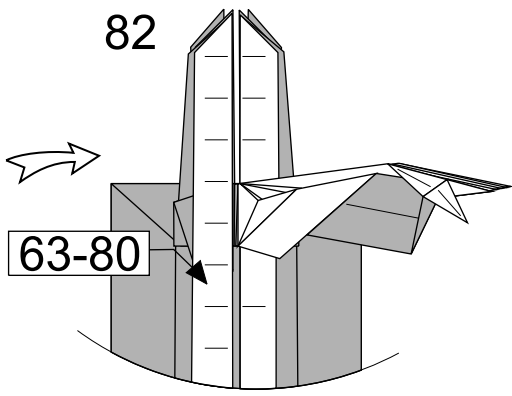
80

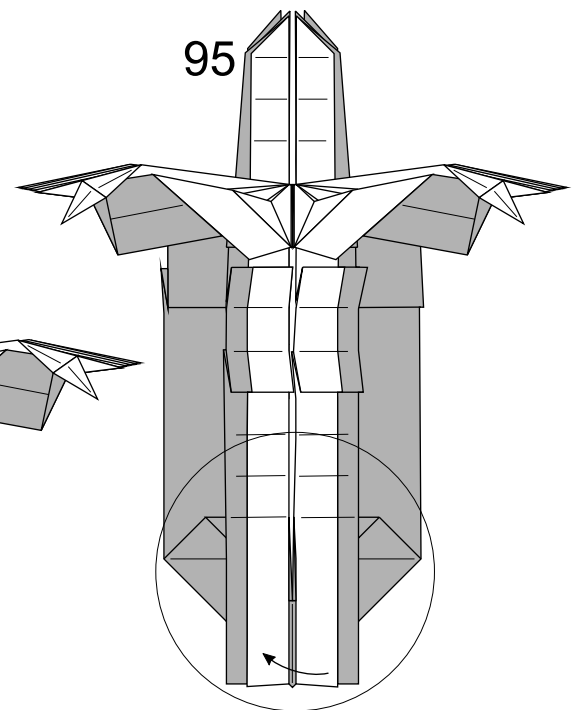
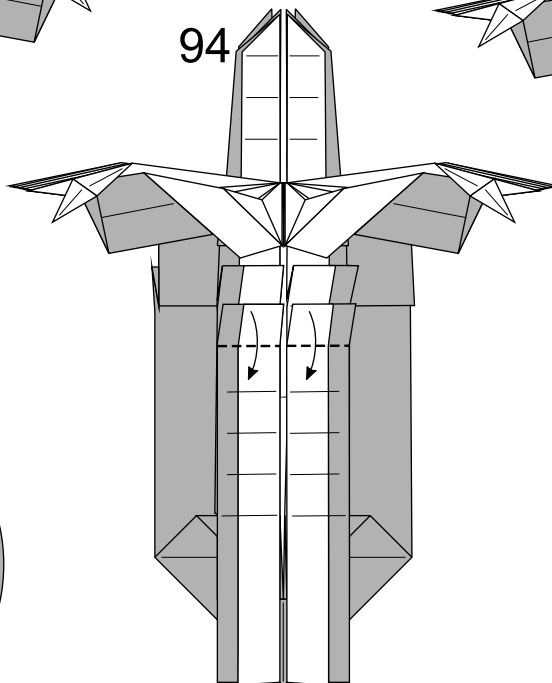
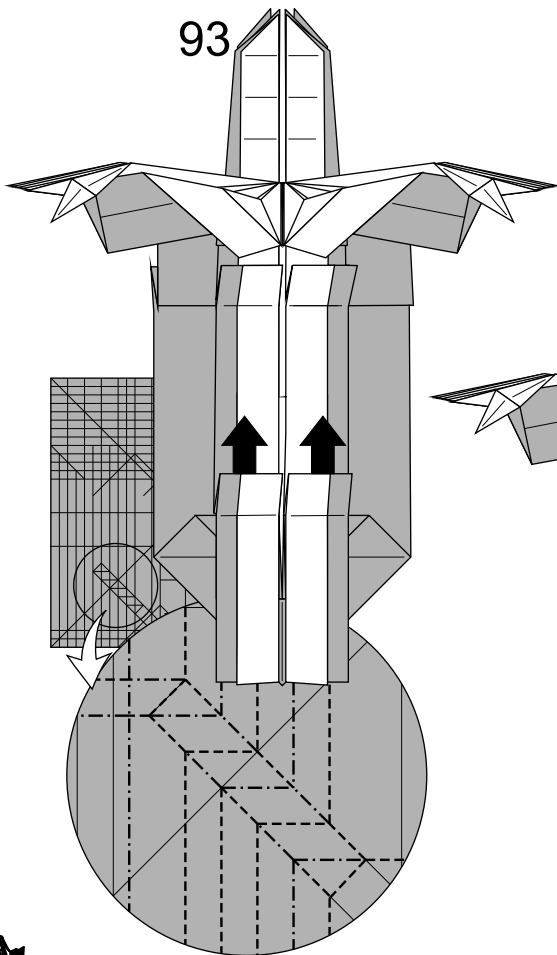
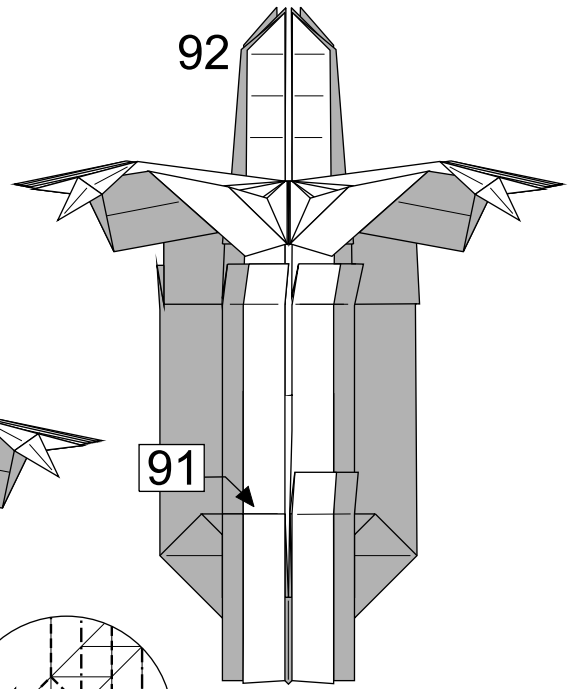
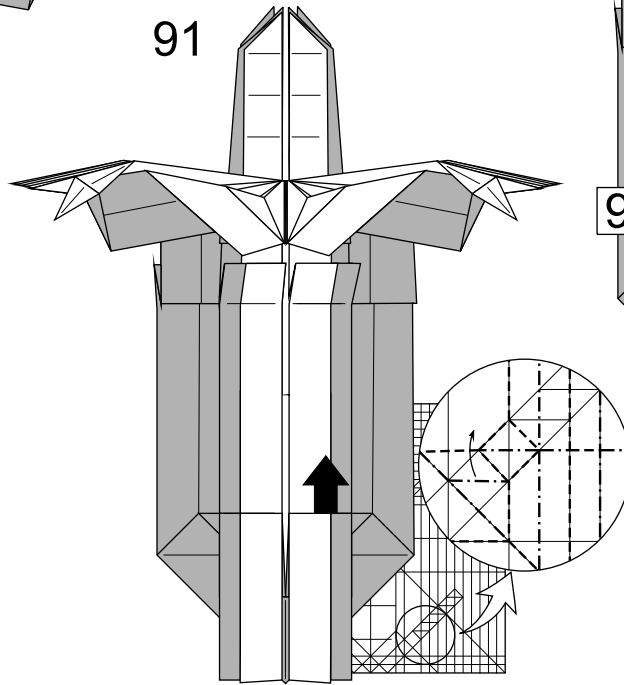
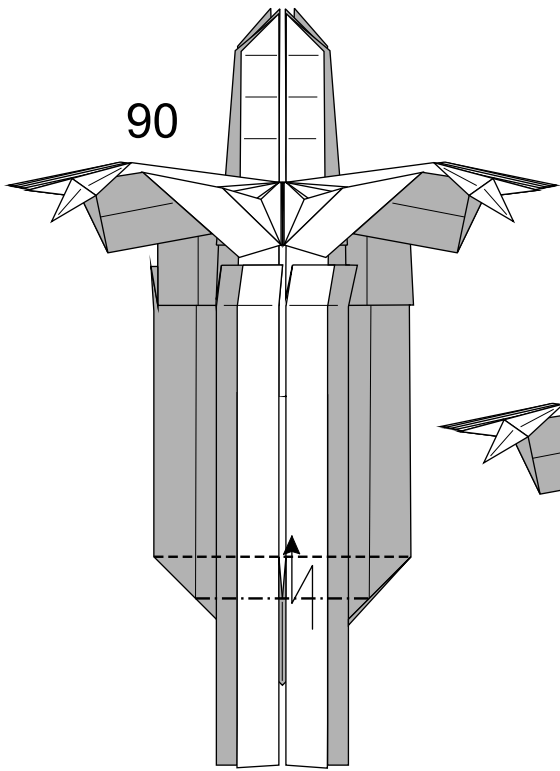


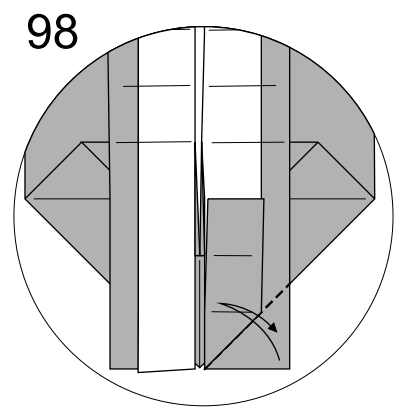
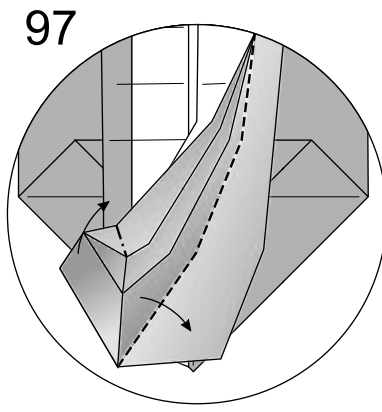
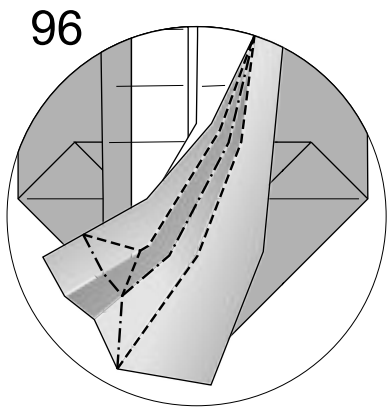
81



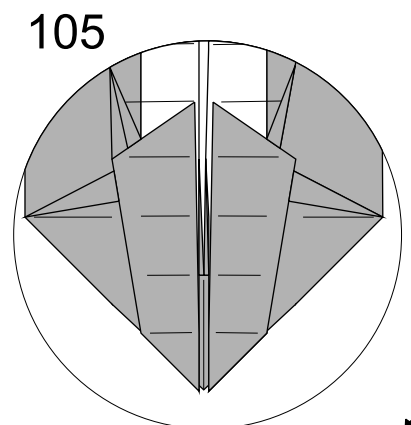
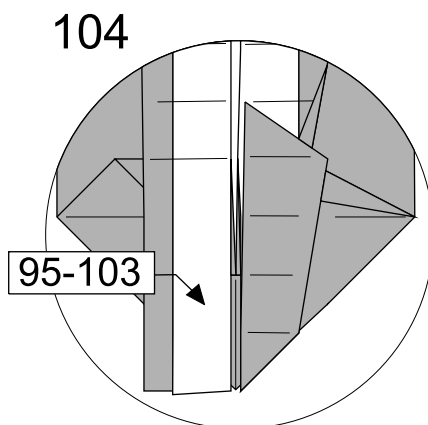
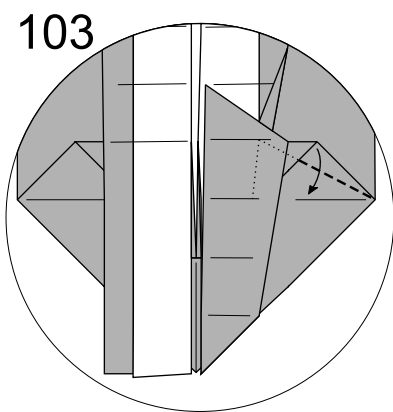
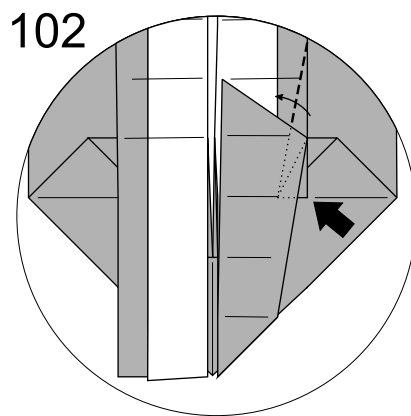
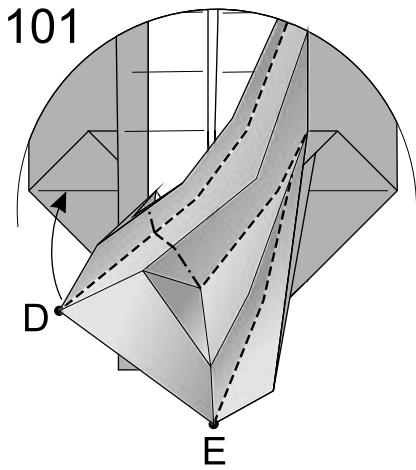
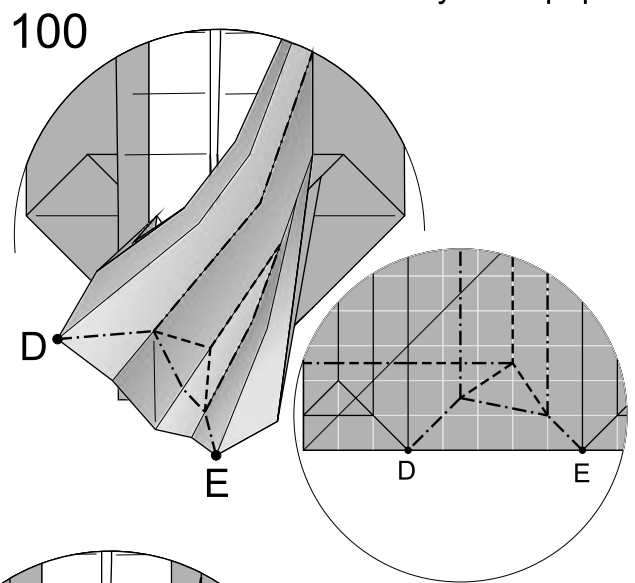
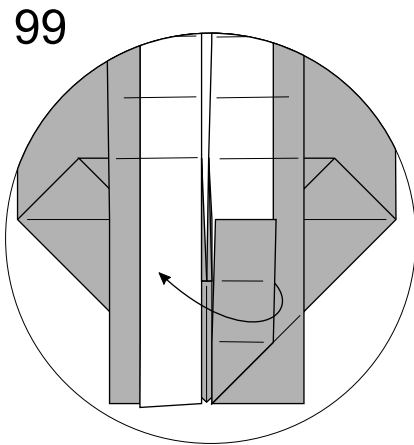


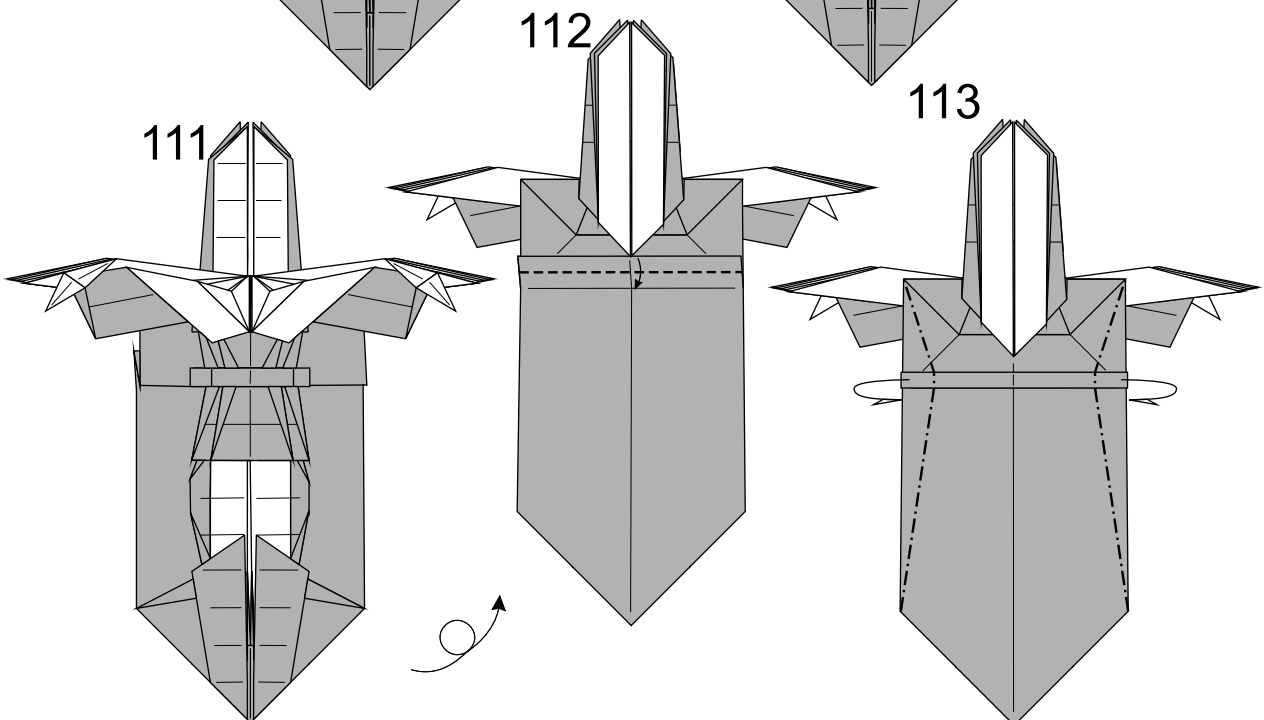
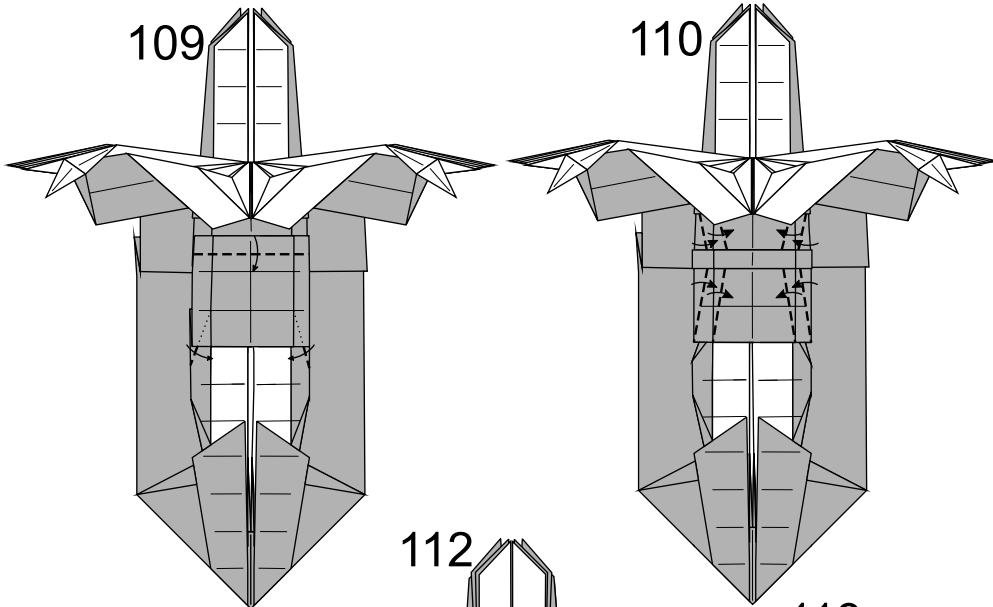
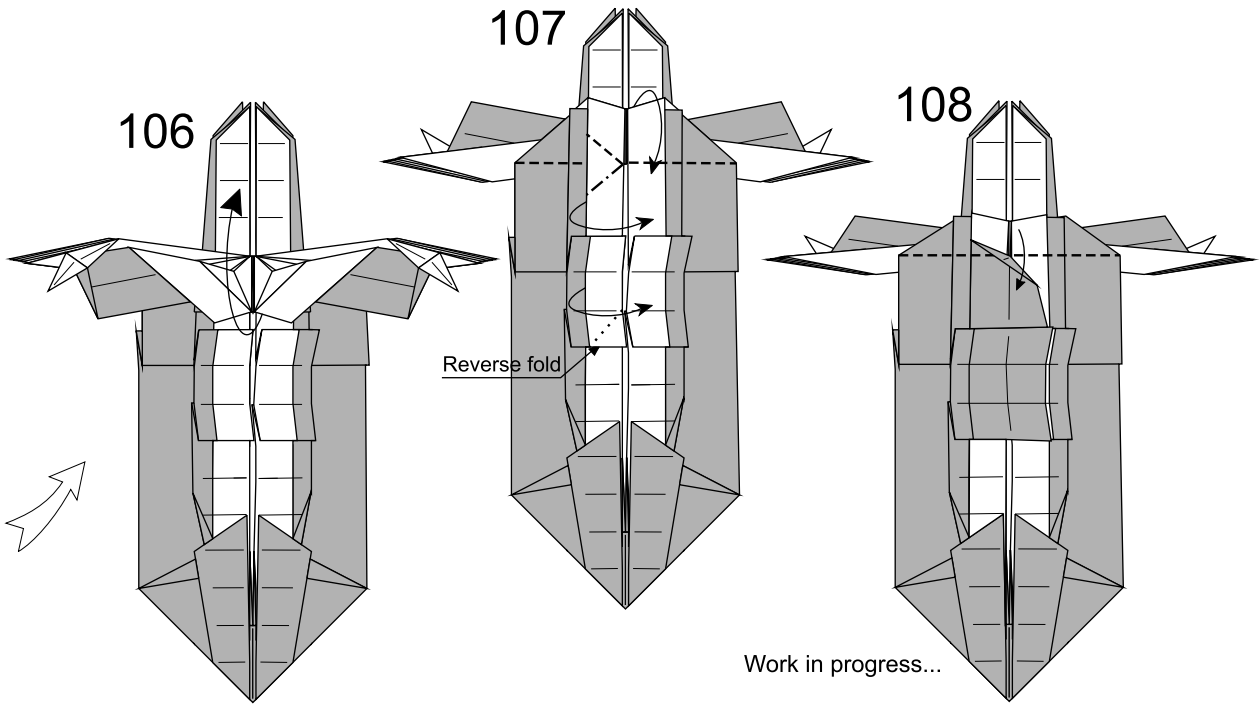


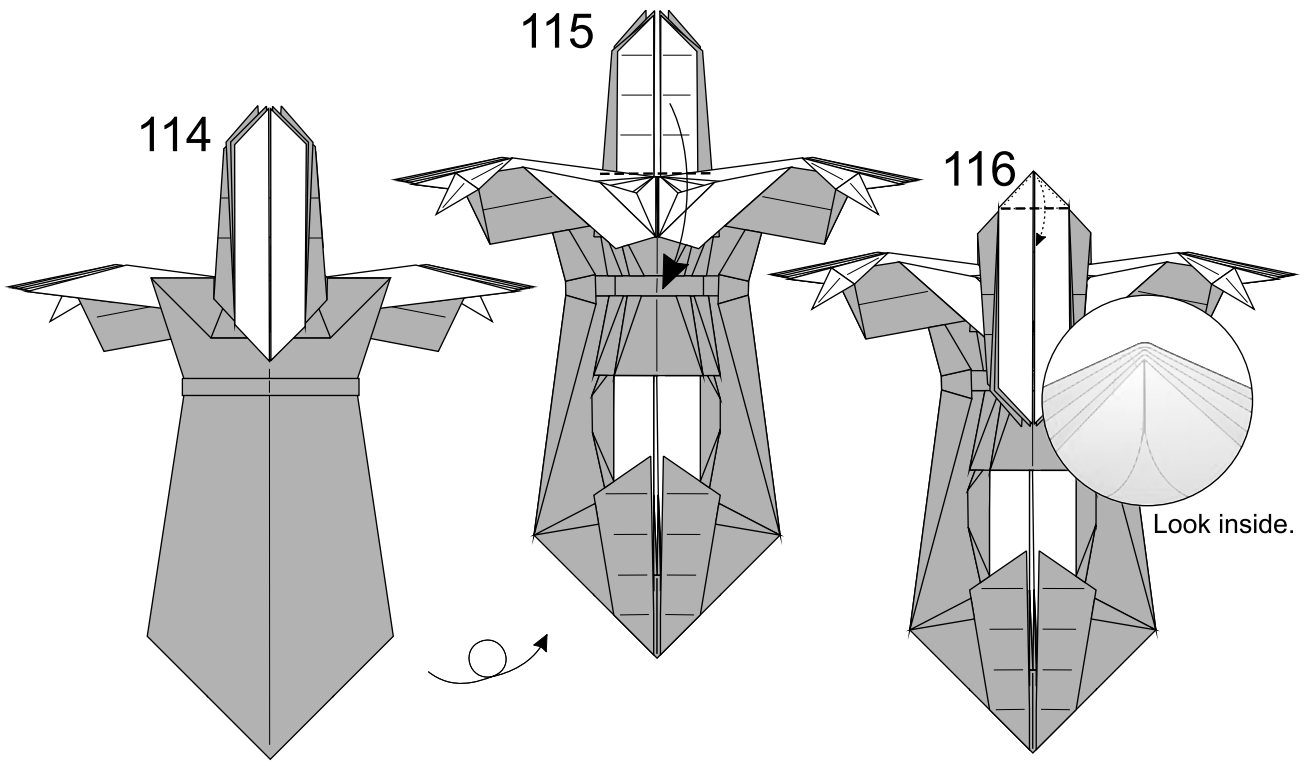




Fold and unfold  
two layers of paper.

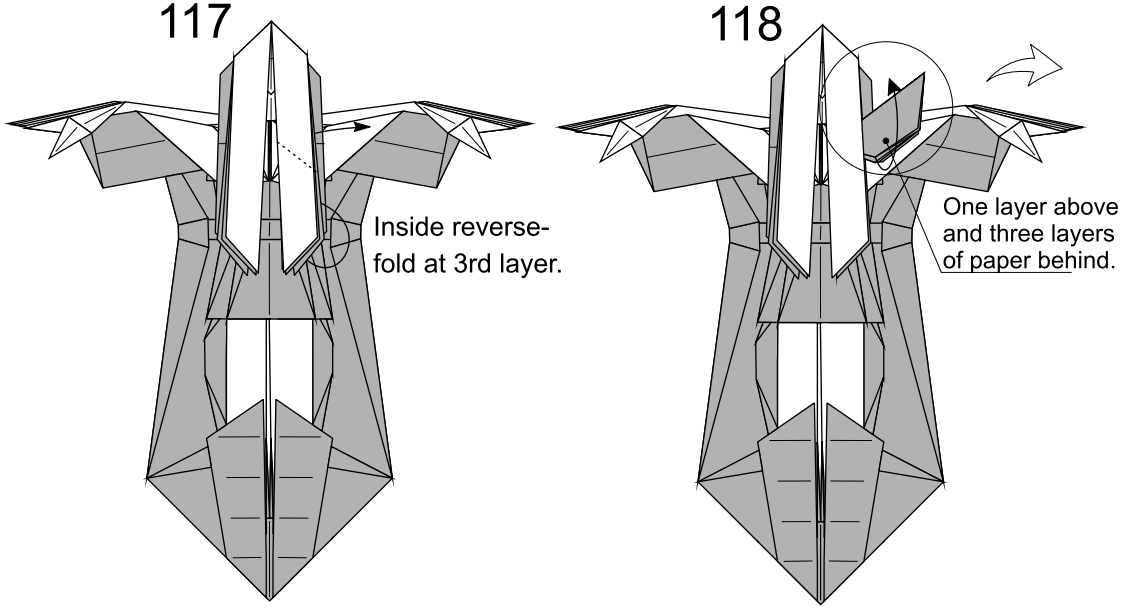






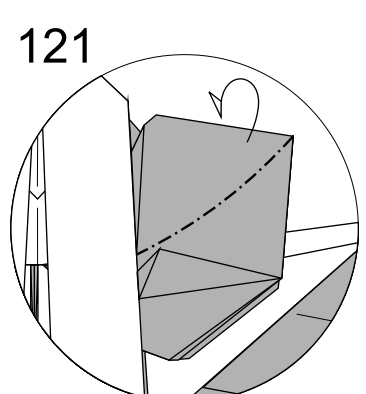
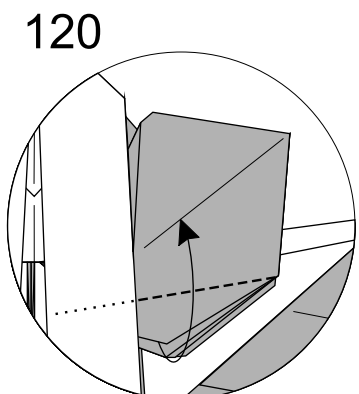
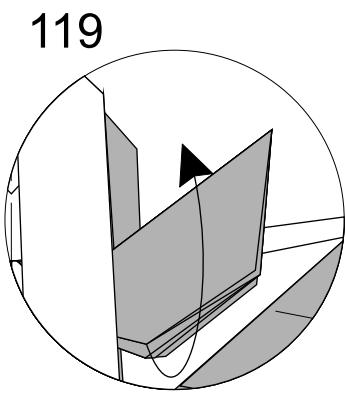
Look inside.

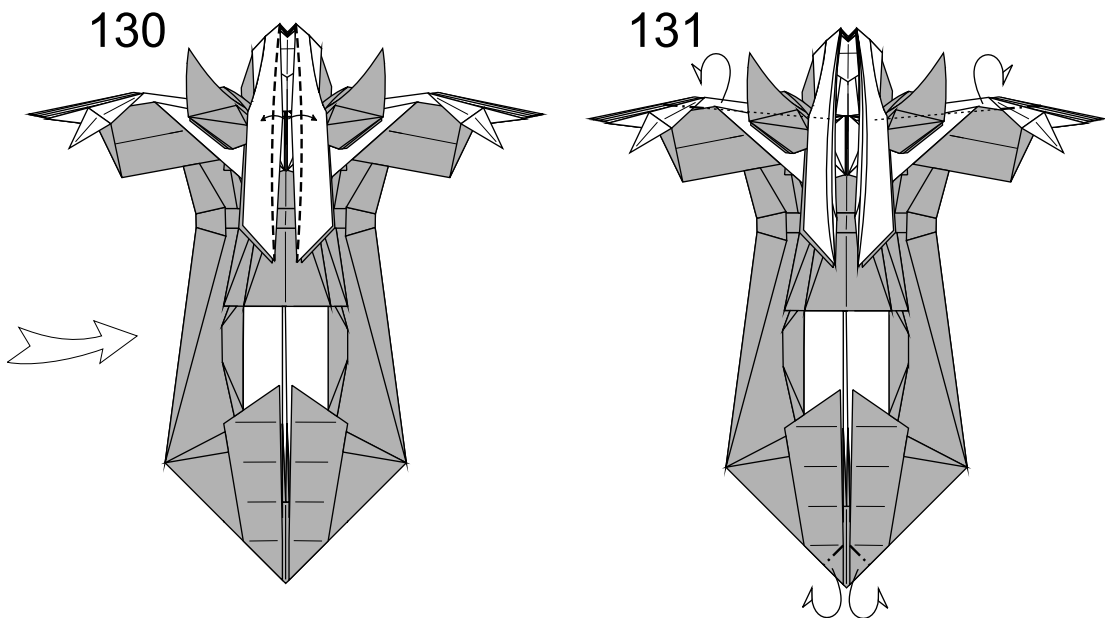
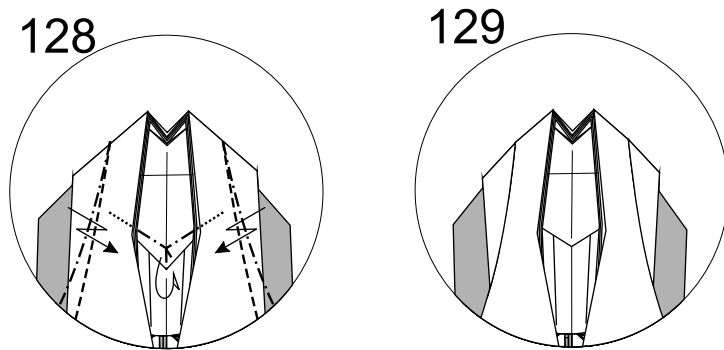
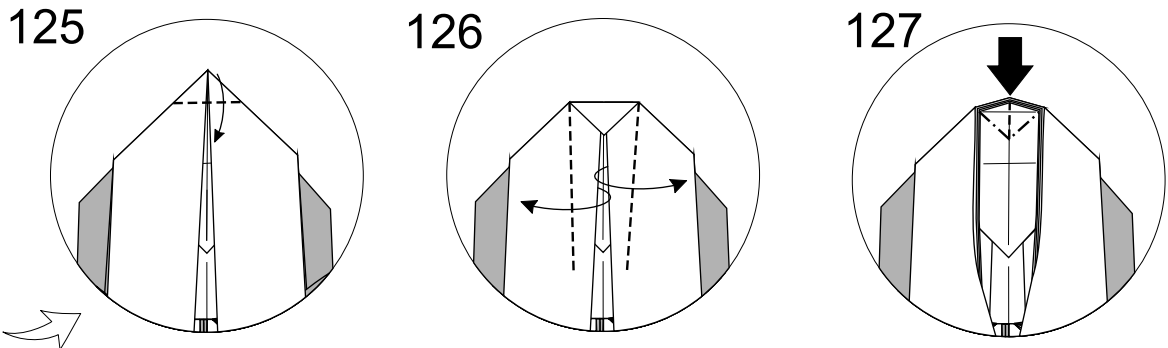
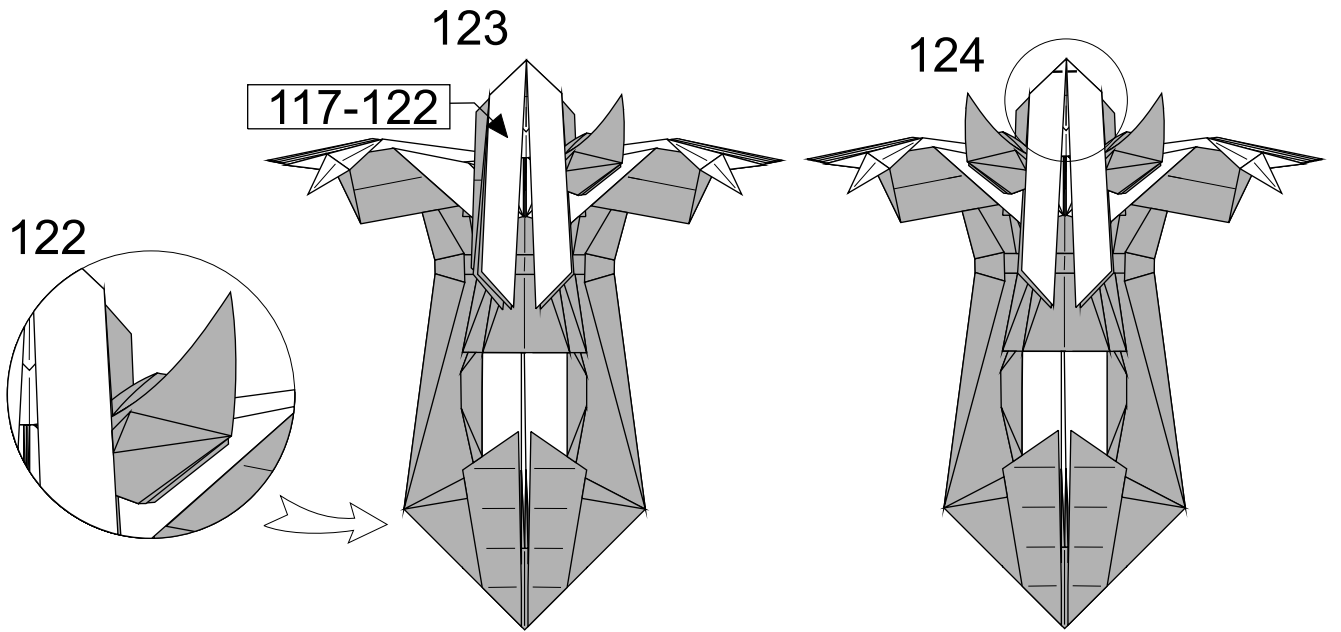
Fold at 5th layer.



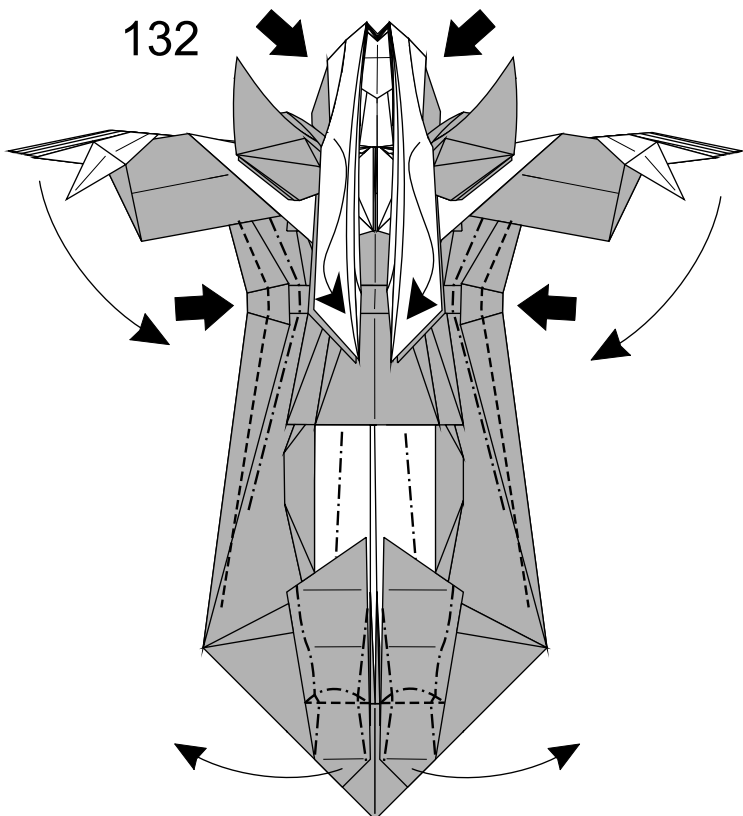
Inside reverse-fold at 3rd layer.

One layer above and three layers of paper behind.

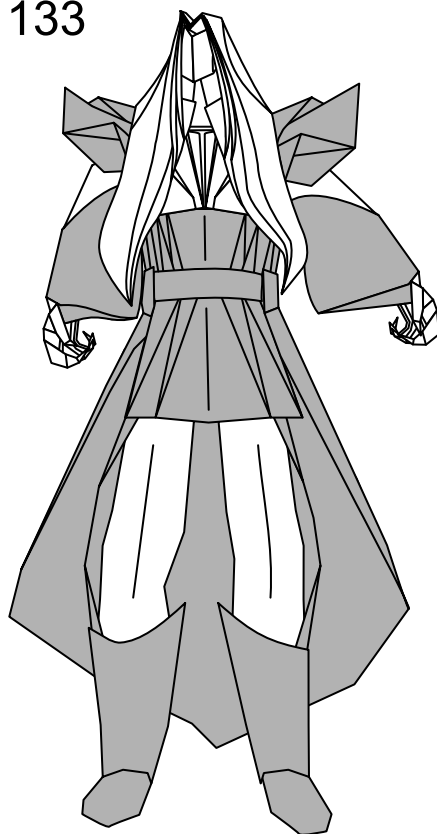




132

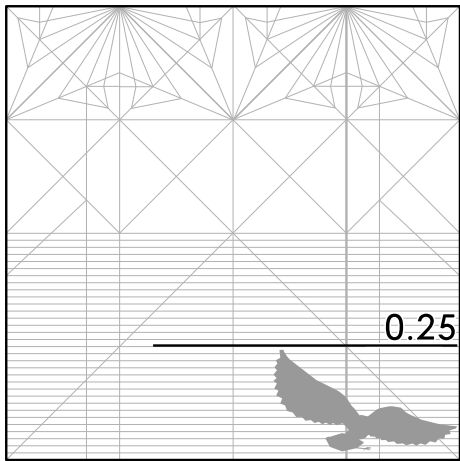


133



Model completed.

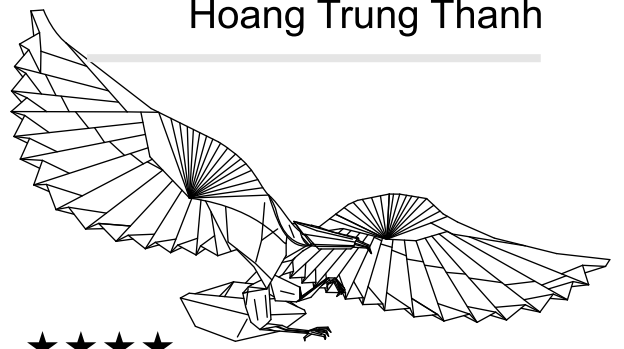




# Eagle

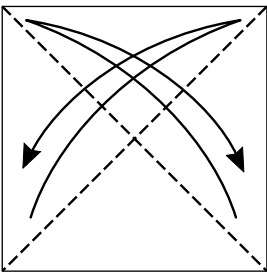
Aigle  
ver 3.5

Hoang Trung Thanh

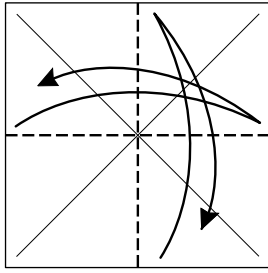


Level / Niveau : ★★★★★  
 Time to fold / Pliage : 3h  
 Paper size /  
 Taille du papier : 64x64cm

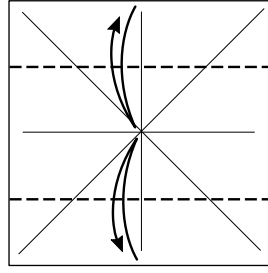
1



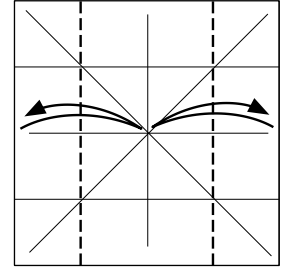
2



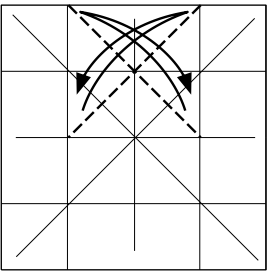
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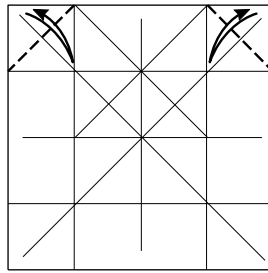
4



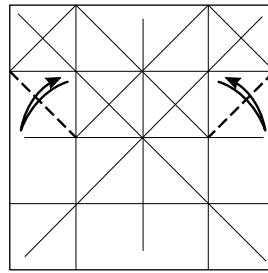
5



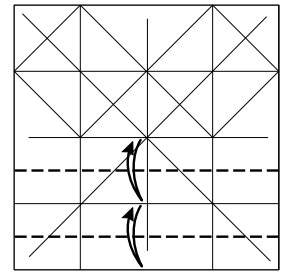
6



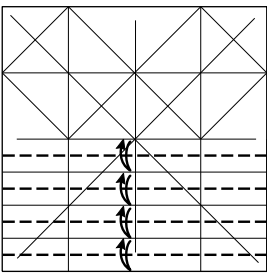
7



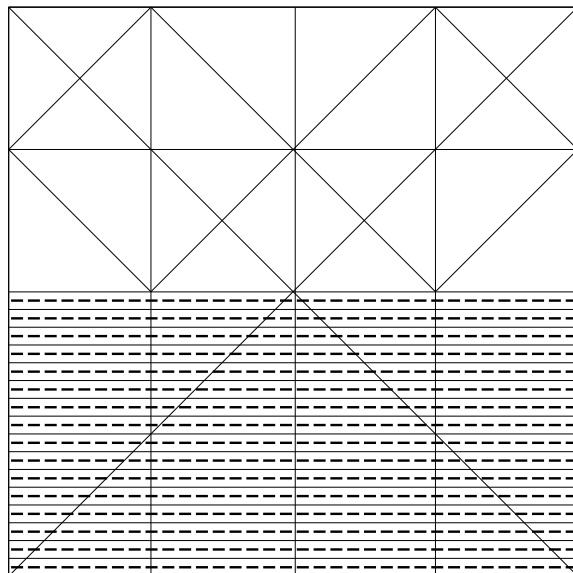
8



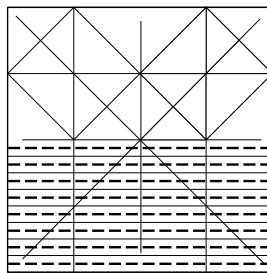
9



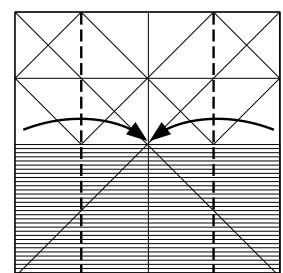
11



10

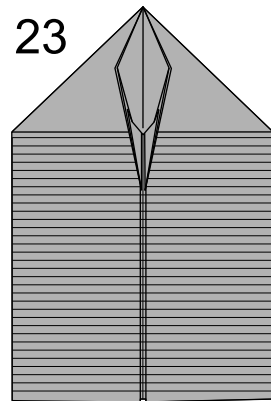
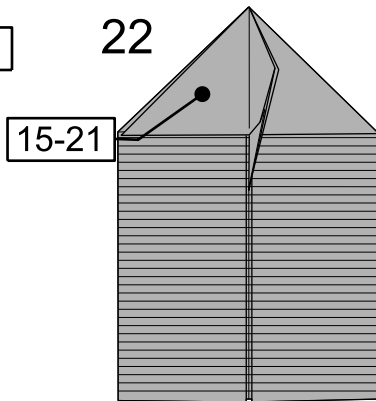
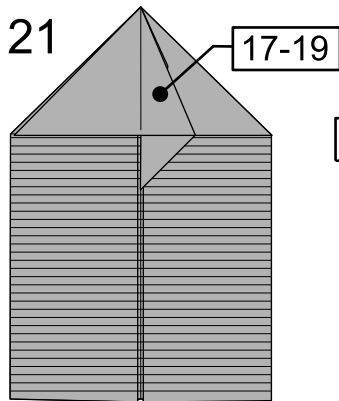
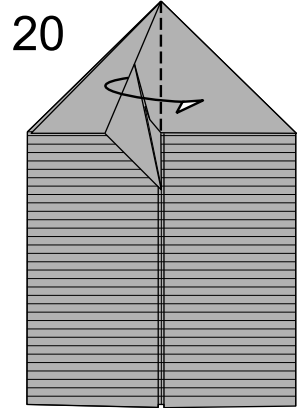
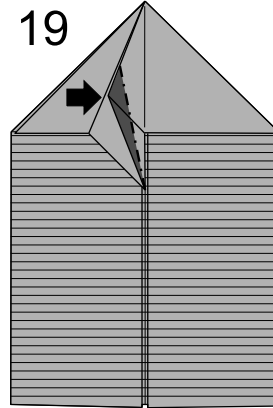
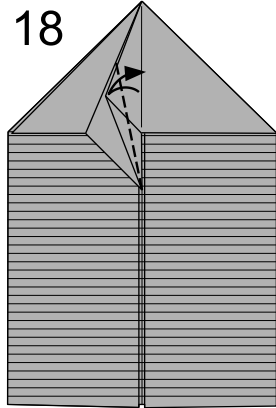
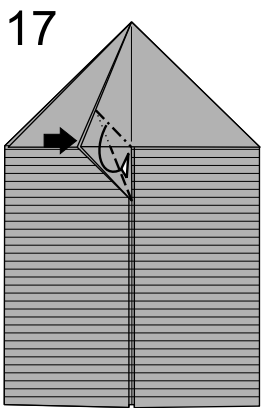
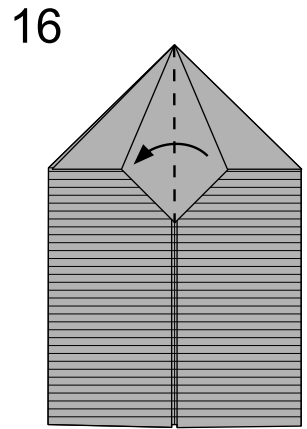
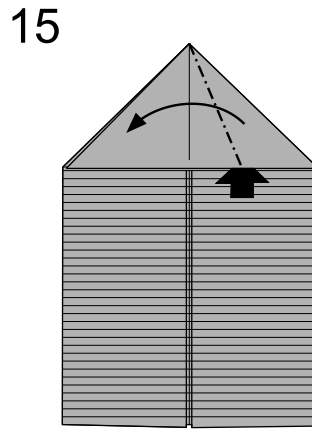
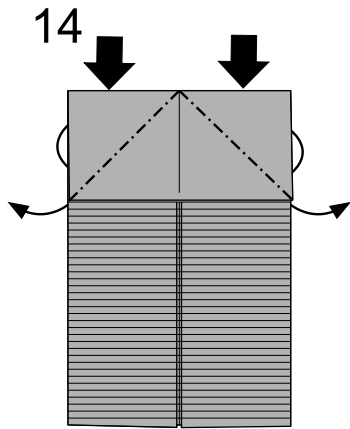
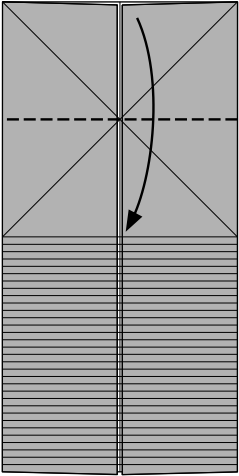


12

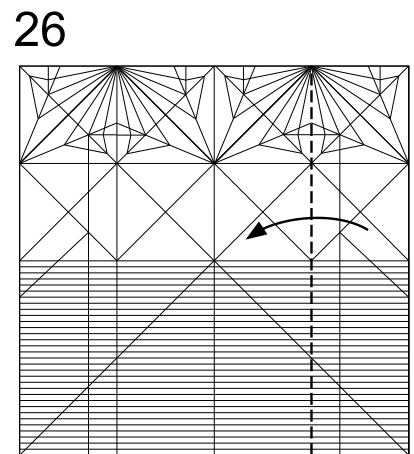
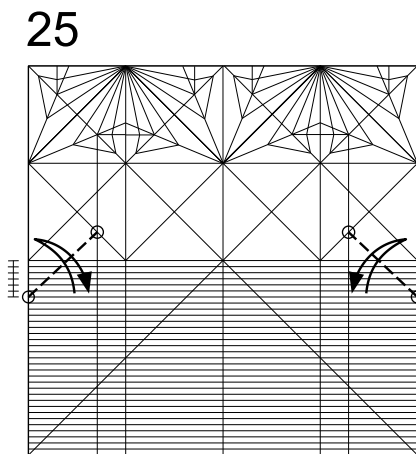
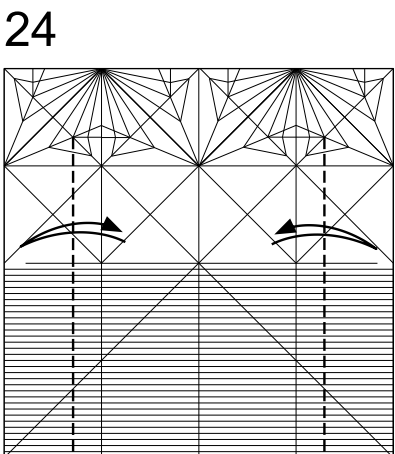




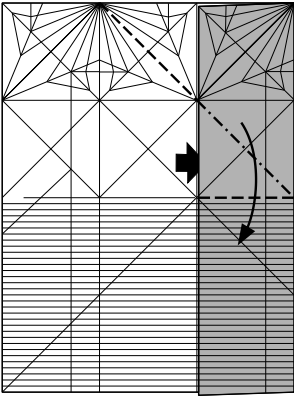
13



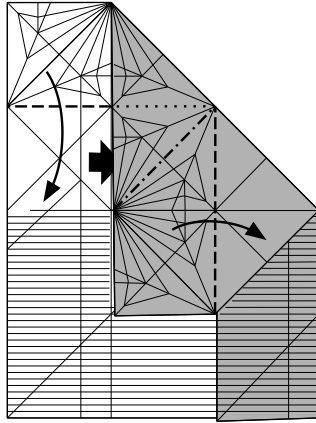
Unfold all.



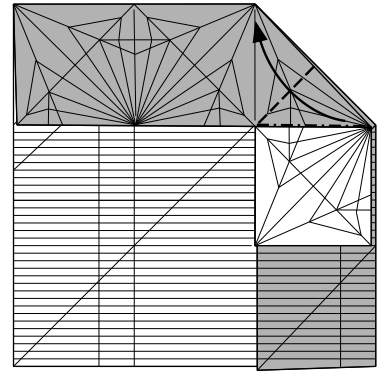
27



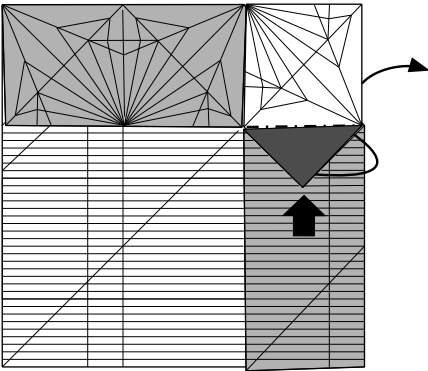
28



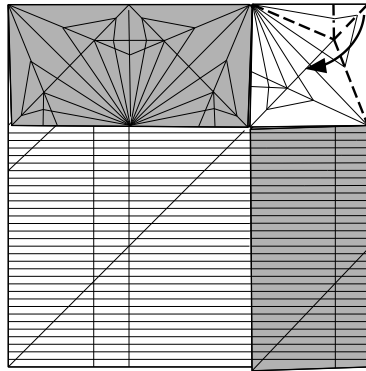
29



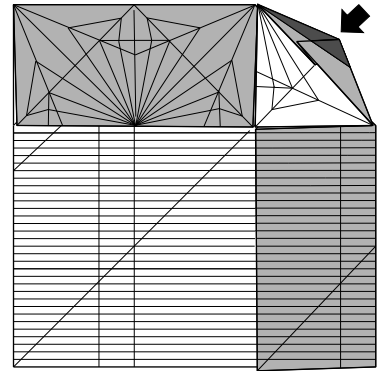
30



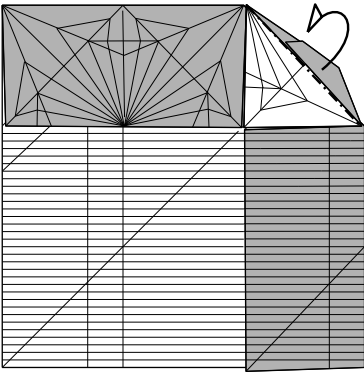
31



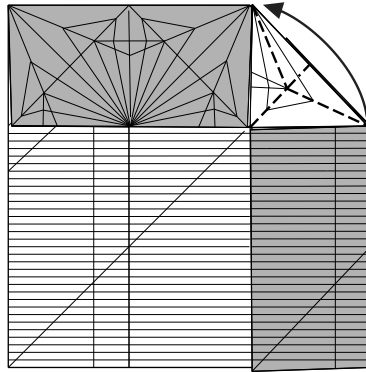
32



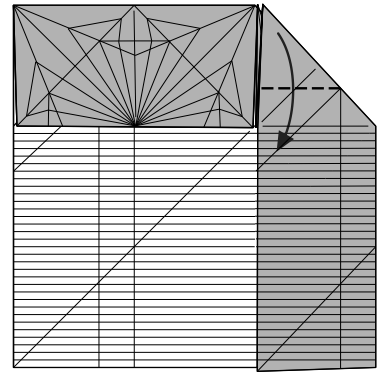
33



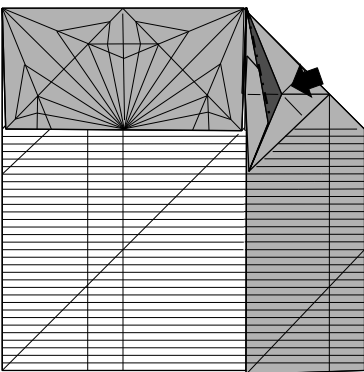
34



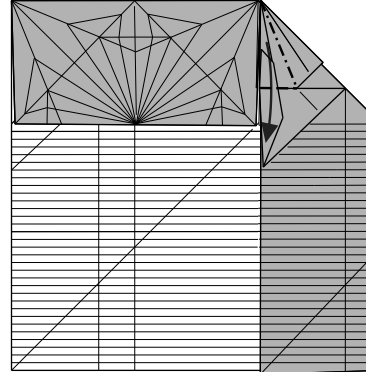
35



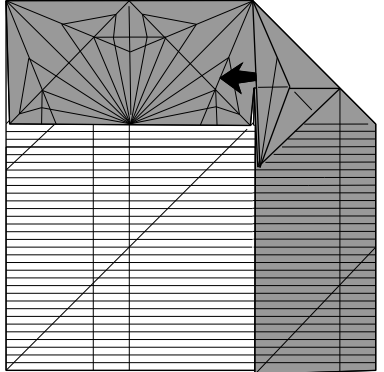
36



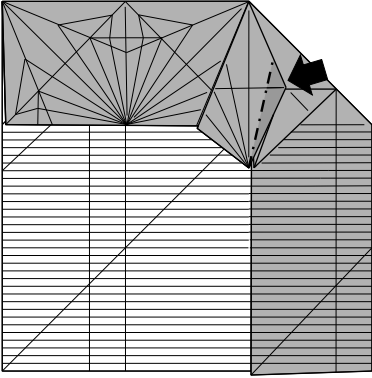
37



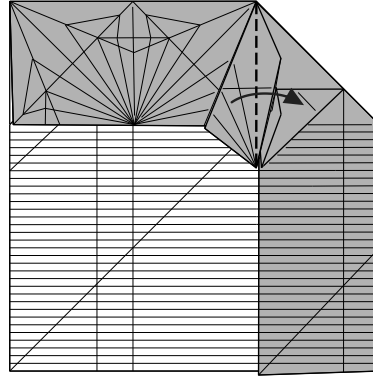
38



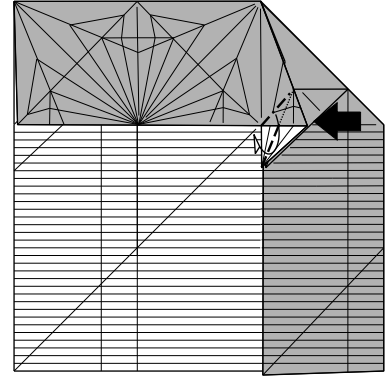
39



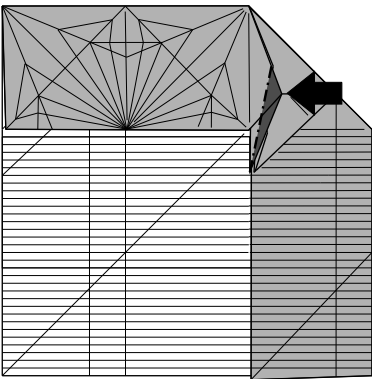
40



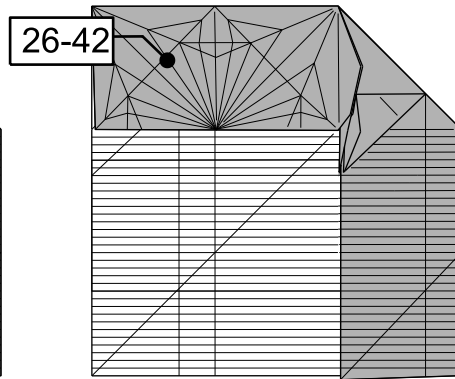
41



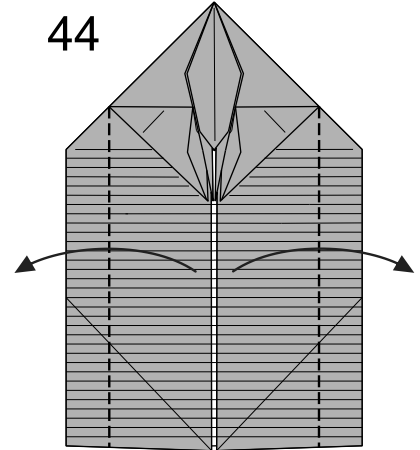
42



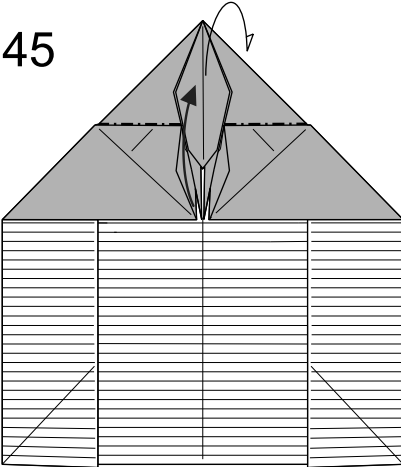
43



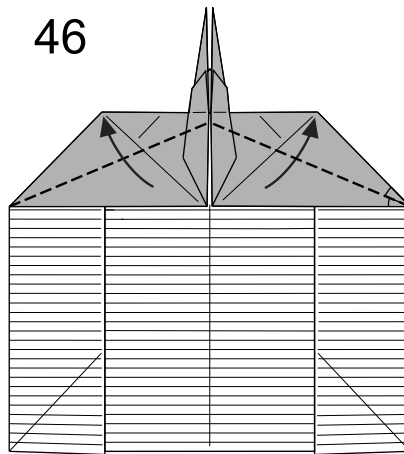
44



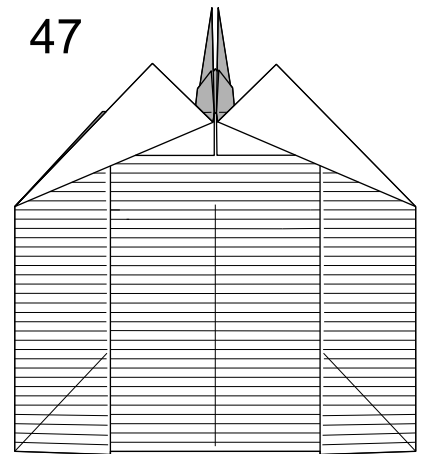
45



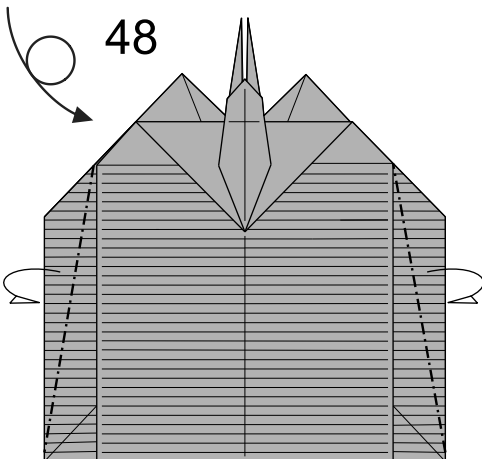
46



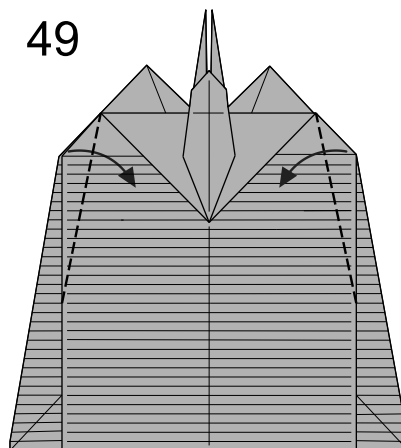
47



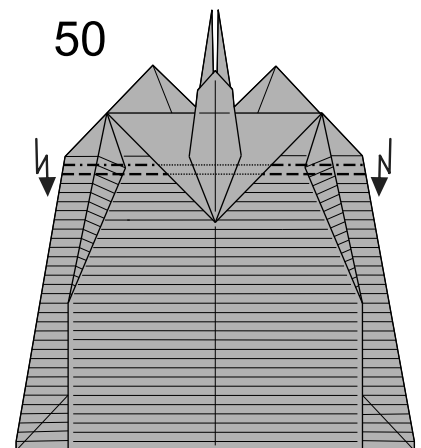
48



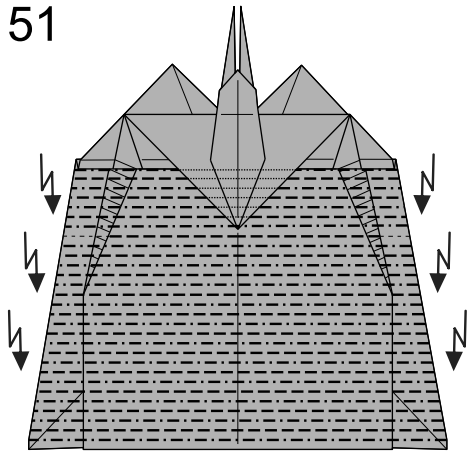
49



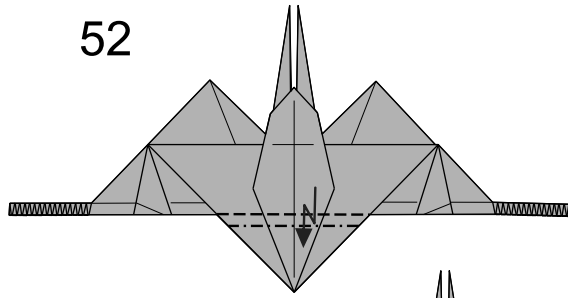
50



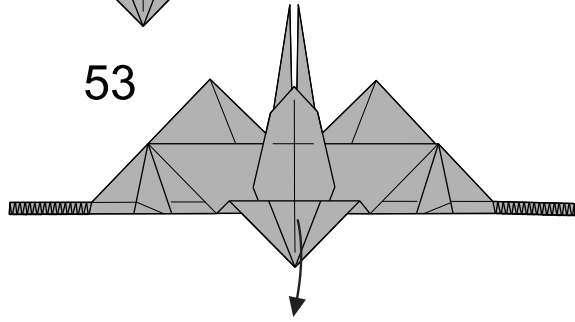
51



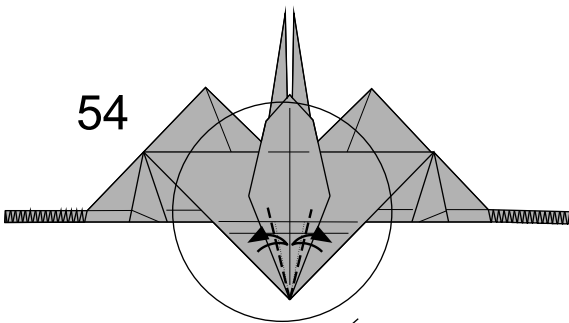
52



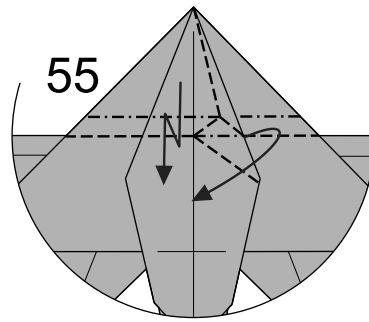
53



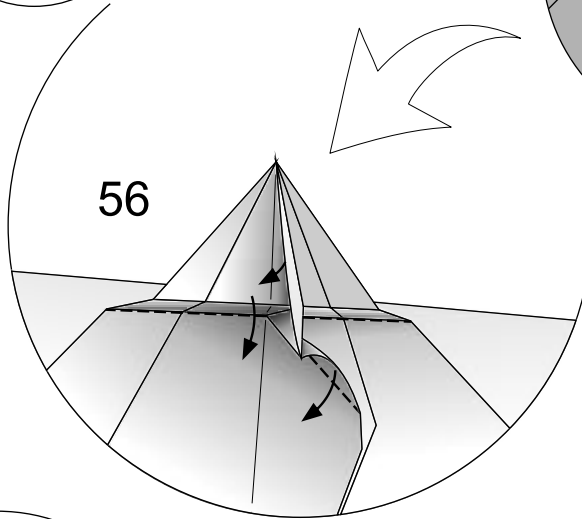
54



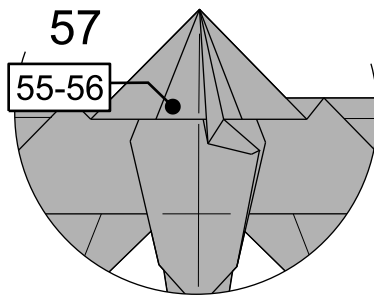
55



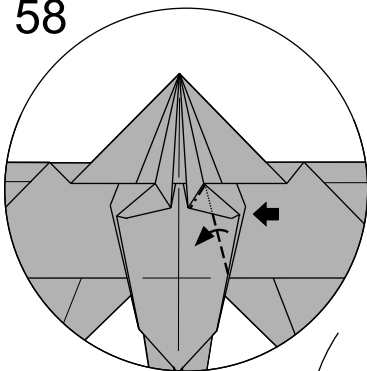
56



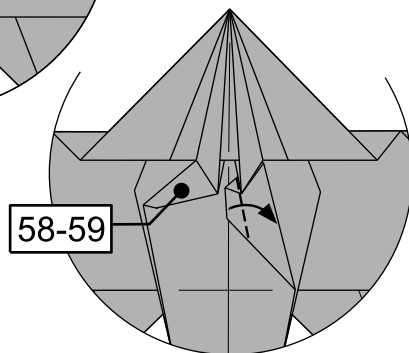
57



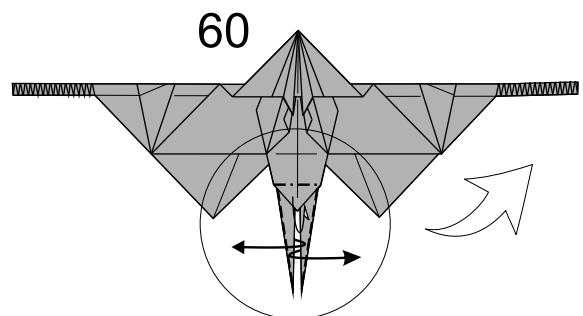
58



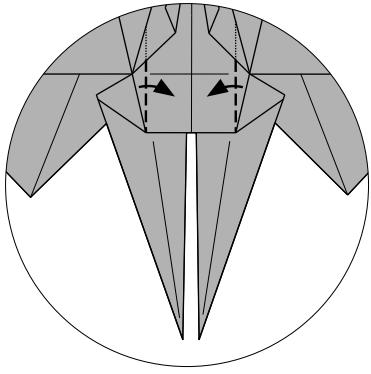
59



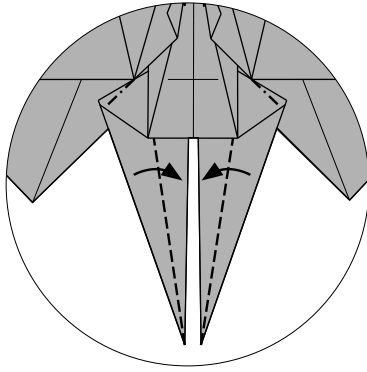
60



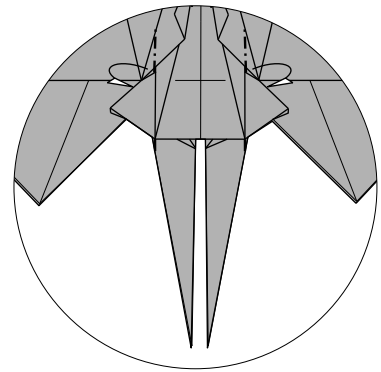
61



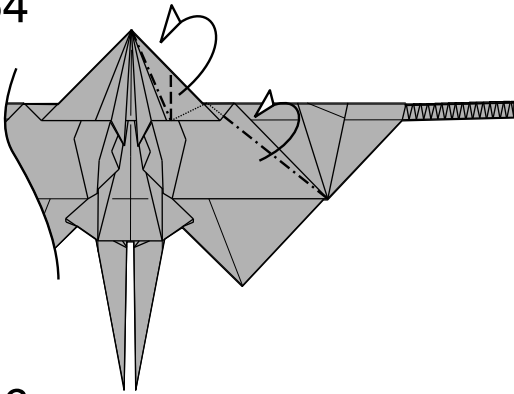
62



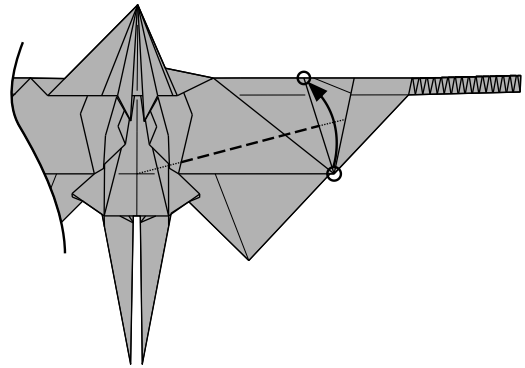
63



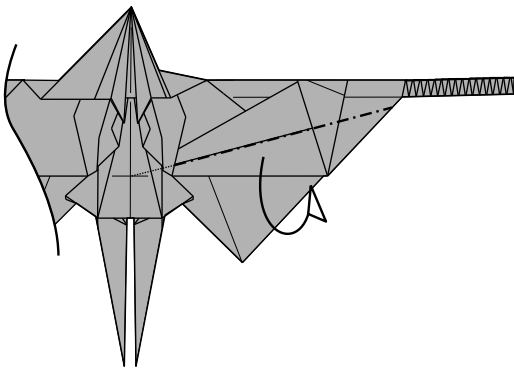
64



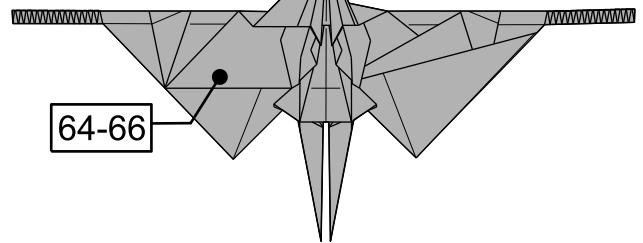
65



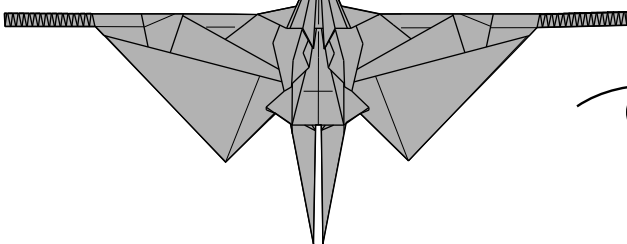
66



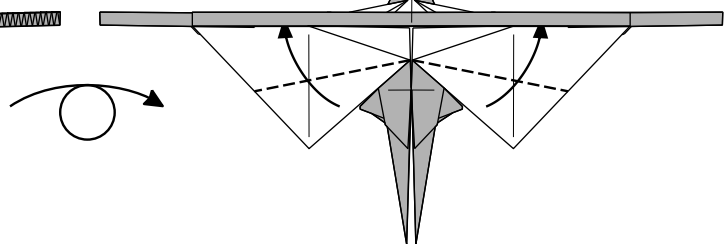
67



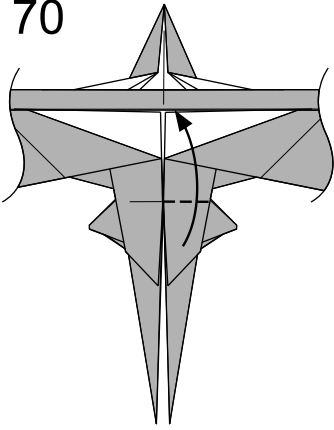
68



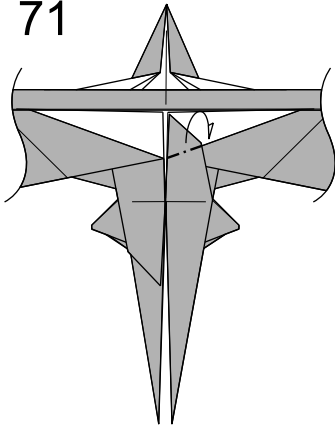
69



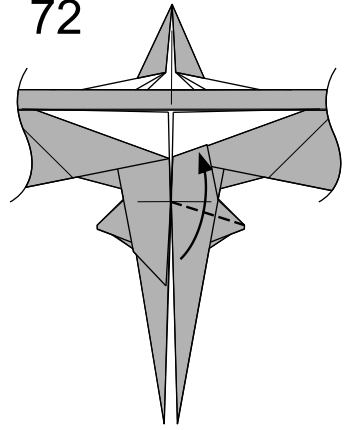
70



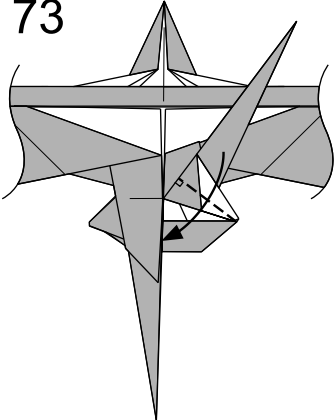
71



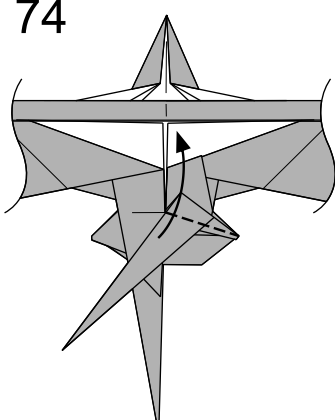
72



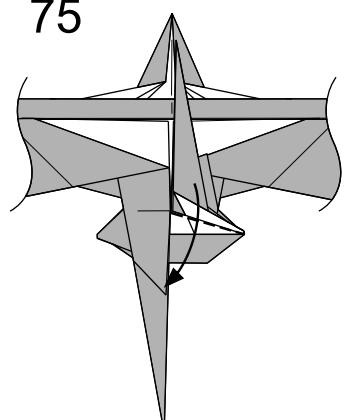
73



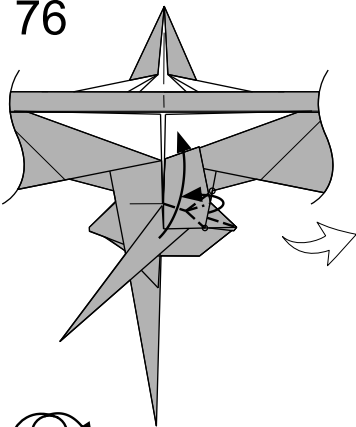
74



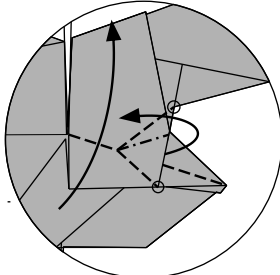
75



76

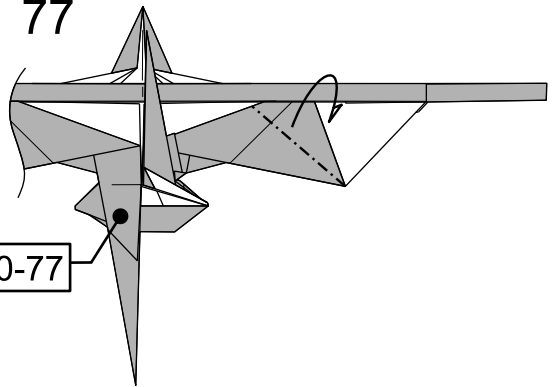


76a



Zoom in.

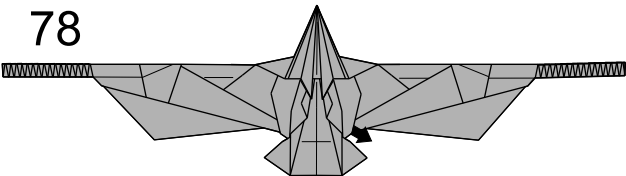
77



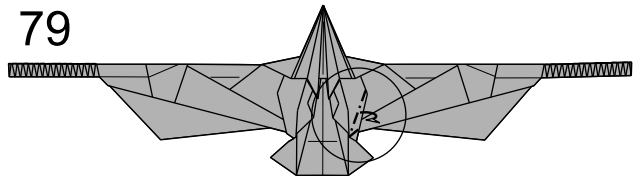
70-77



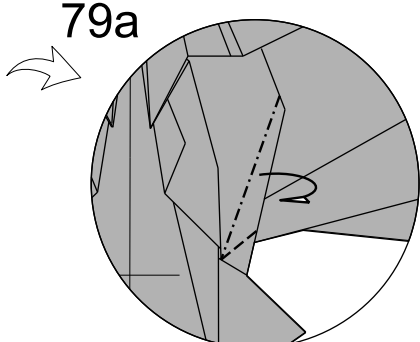
78



79

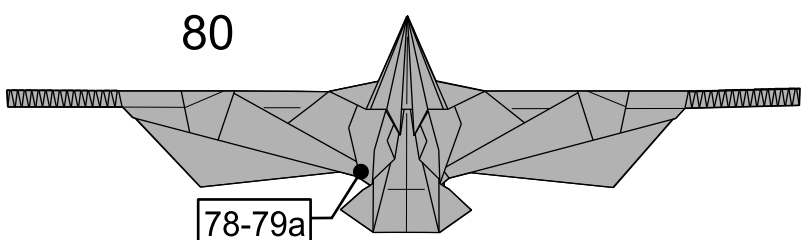


79a



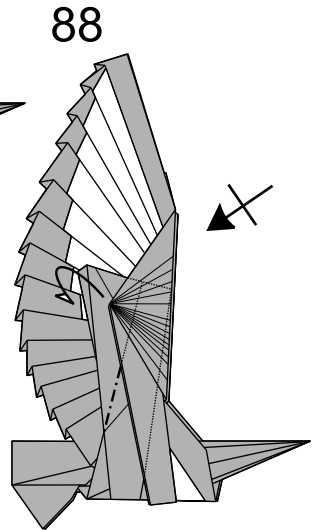
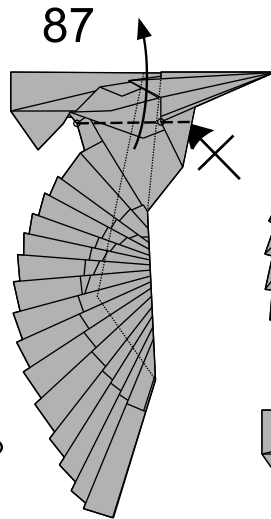
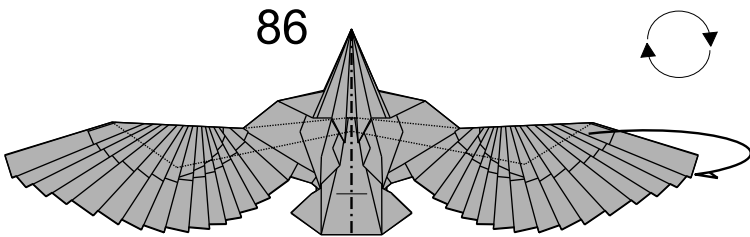
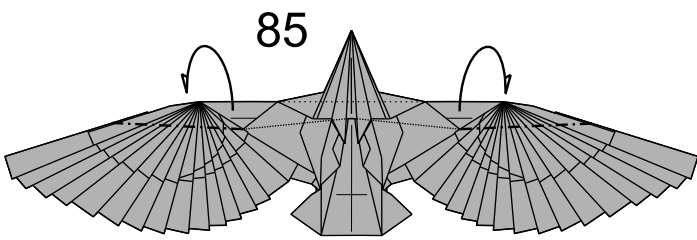
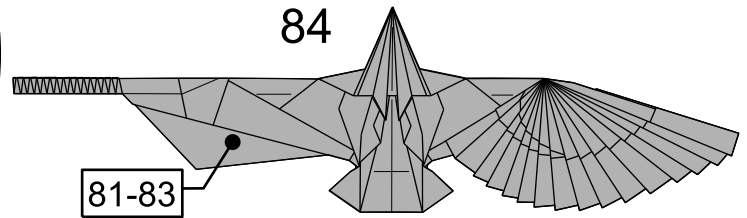
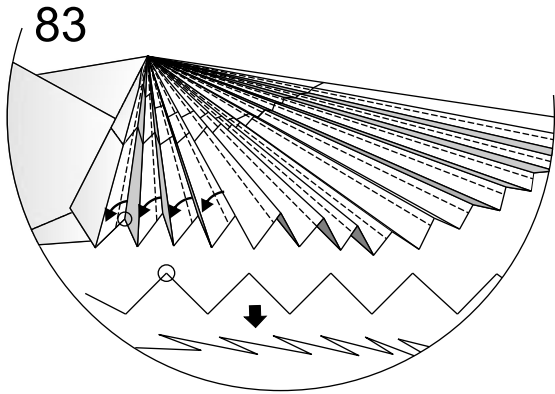
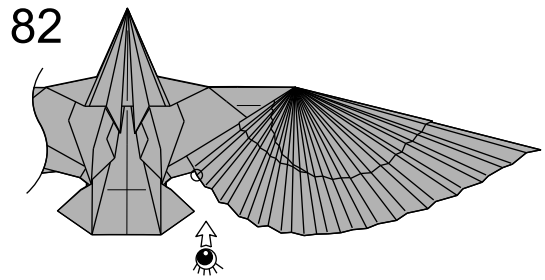
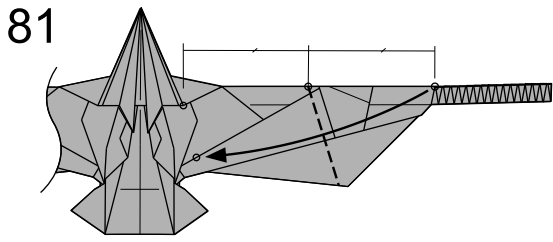
Zoom in.

80

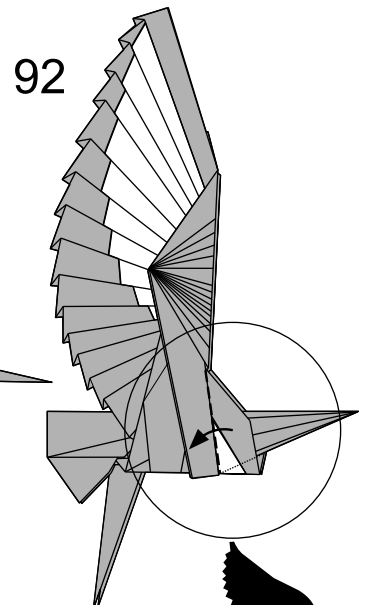
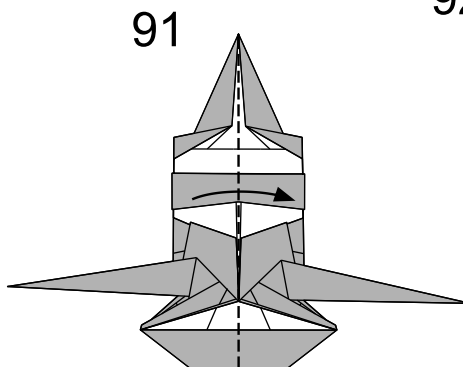
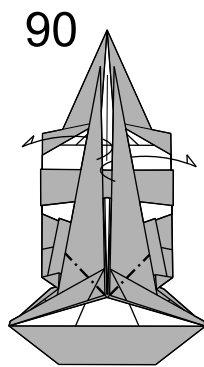
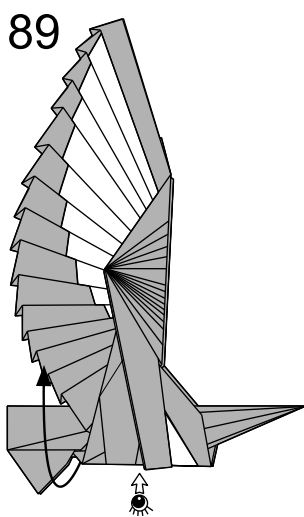


78-79a

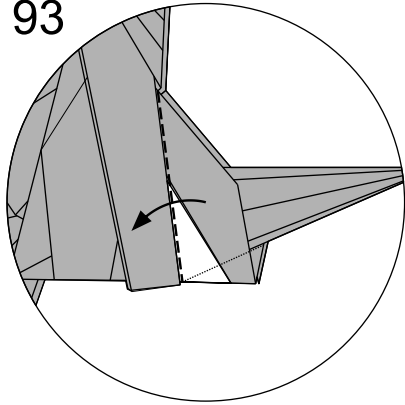




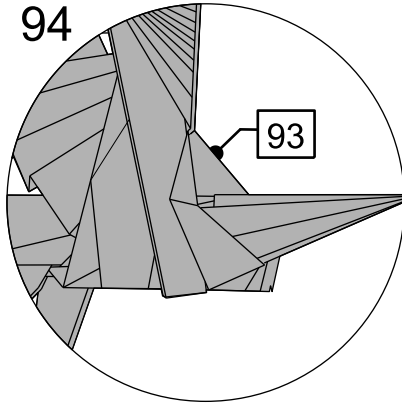
Repeat on the other side.



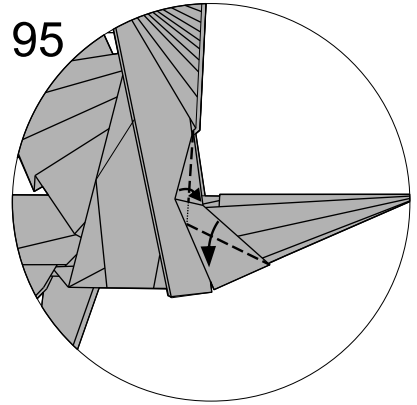
93



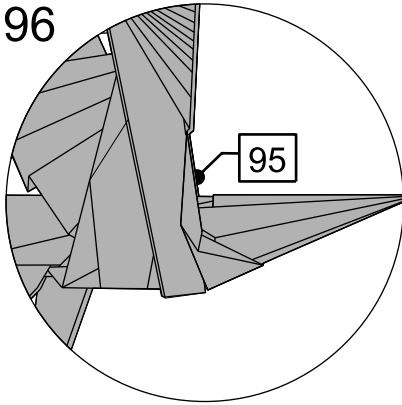
94



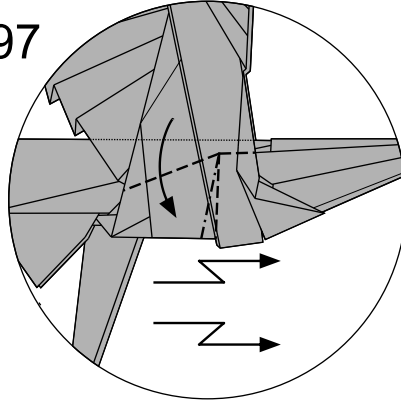
95



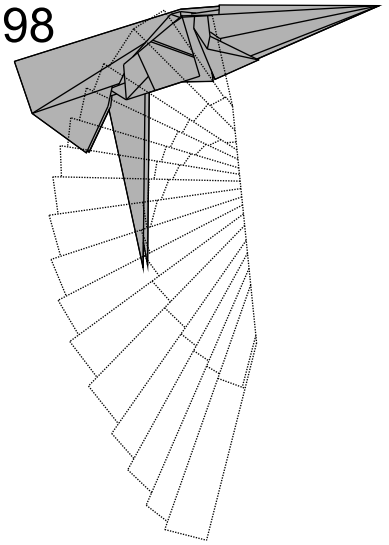
96



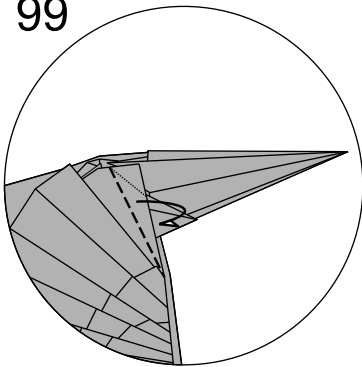
97



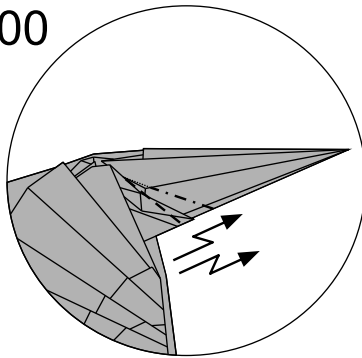
98



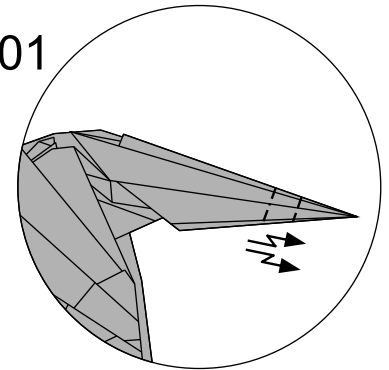
99



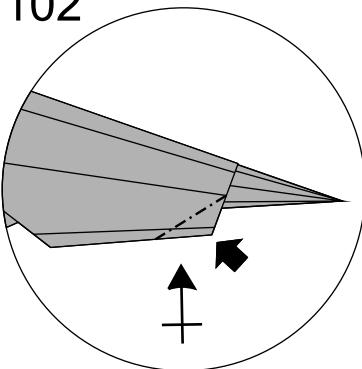
100



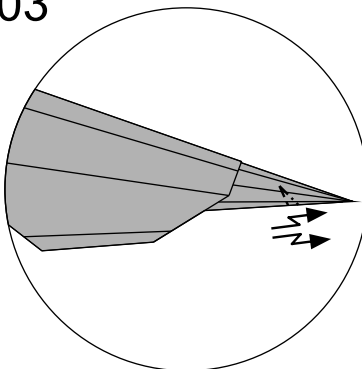
101



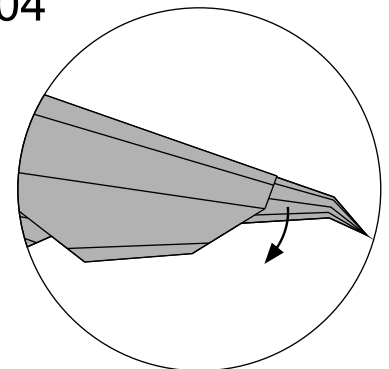
102



103

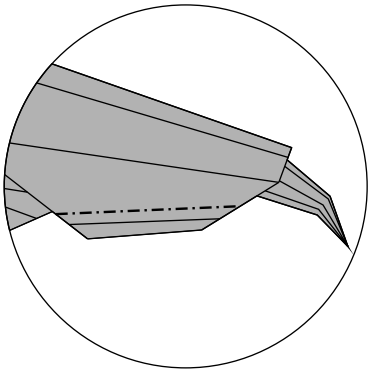


104

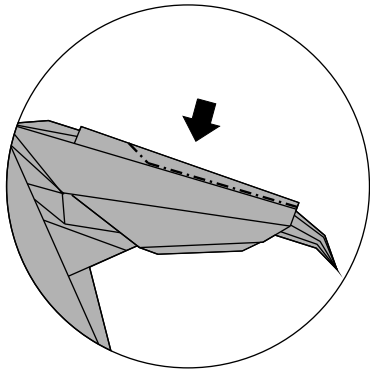




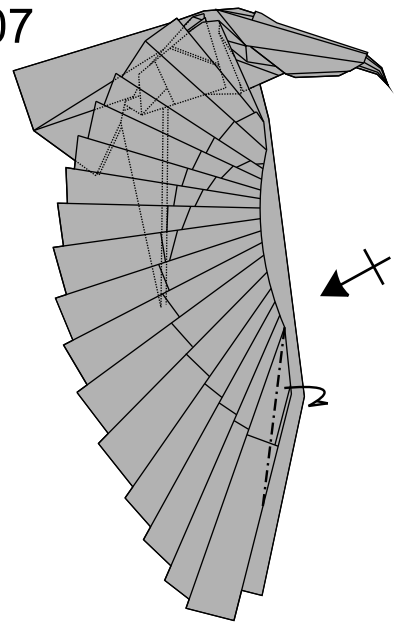
105



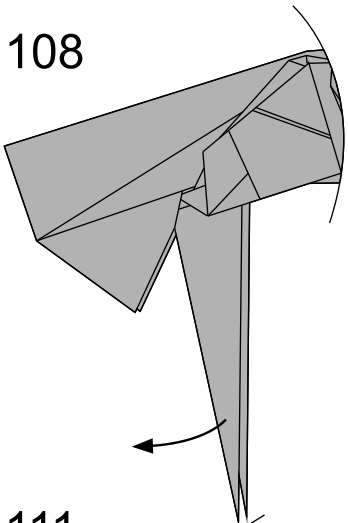
106



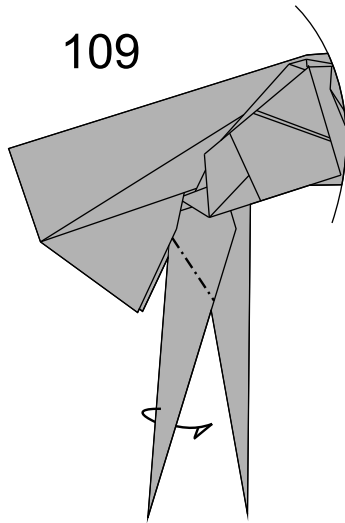
107



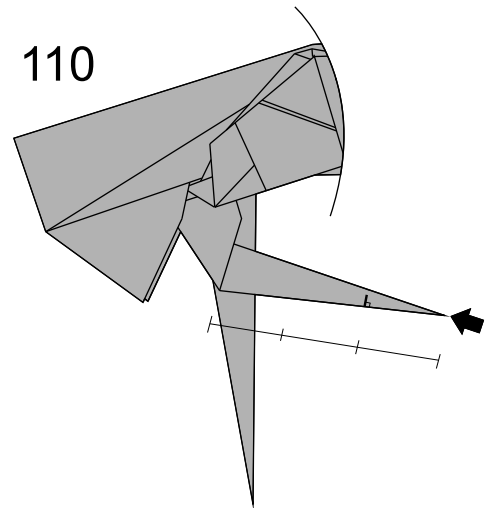
108



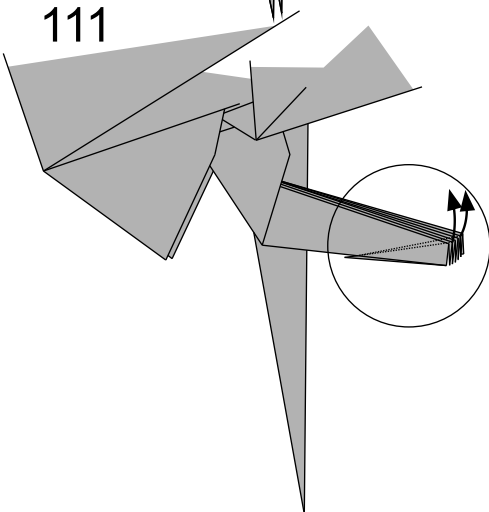
109



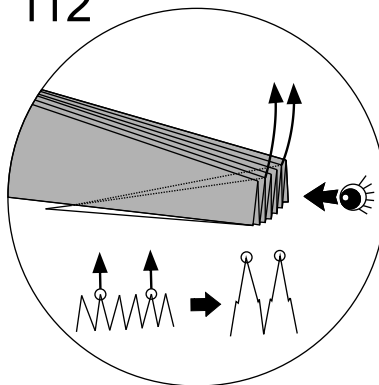
110



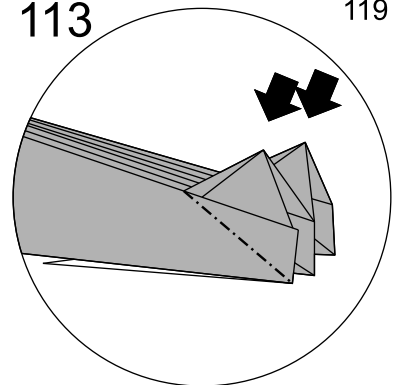
111



112

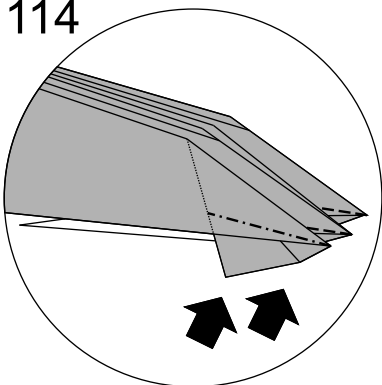


113

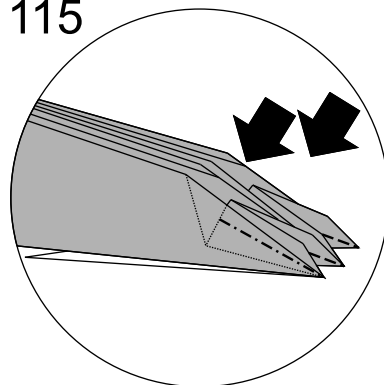


119

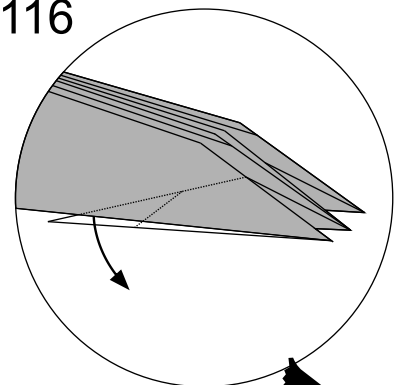
114



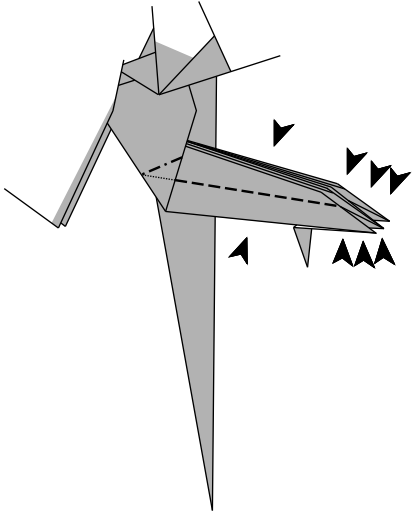
115



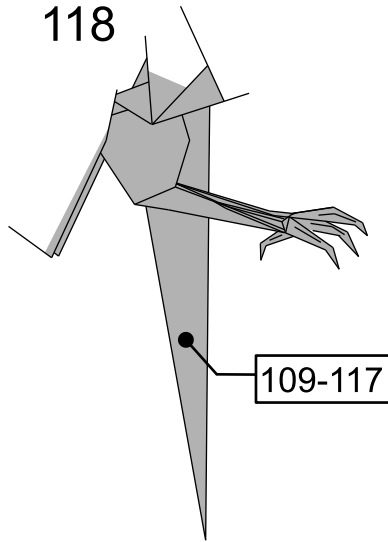
116



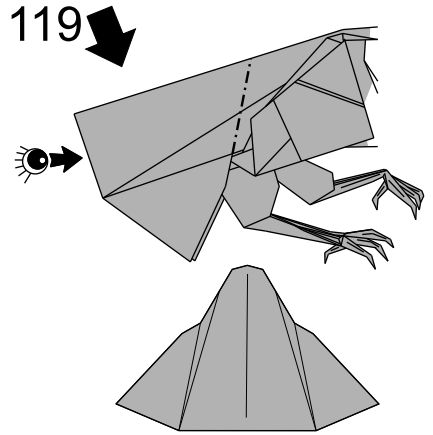
117



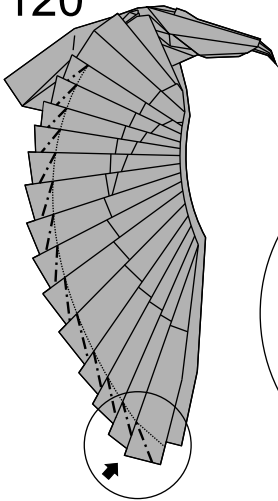
118



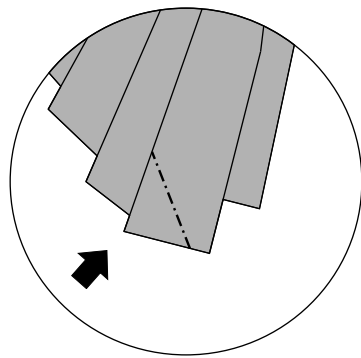
119



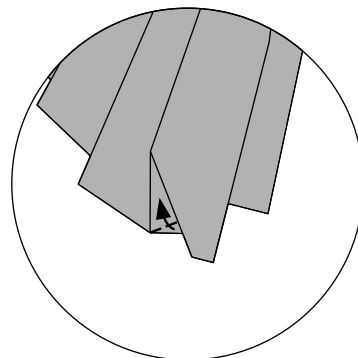
120



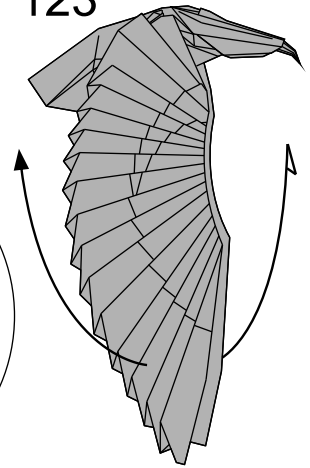
121



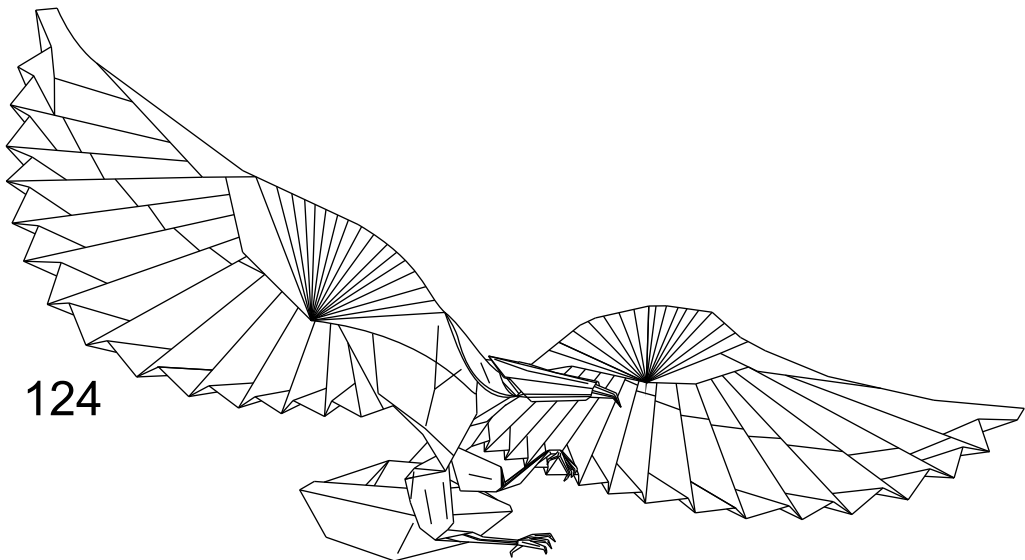
122



123

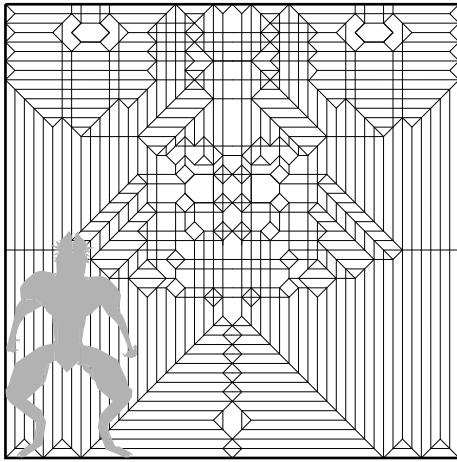


124



Model completed.





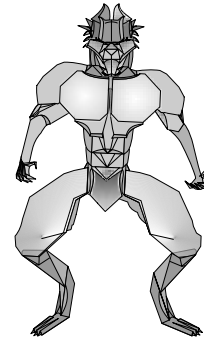
# Werewolf

Loup Garou

Le Tuan

21/05/2008

Level / Niveau : ★★★★★  
 Time to fold / Pliage : 8h  
 Paper size /  
 Taille du papier : 50x50cm



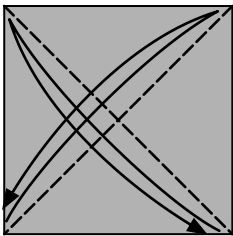
The werewolf was my first design after studying the box pleating technique. The head was influenced by Dao Cuong Quyét's "wolf head" base.

As shortcut, you can fold the base from the crease pattern and then continue from step 117. In any case, you should practice folding the head alone using a square with a 16x16 grids.

*Le Loup Garou est ma première création lorsque en "box pleating". La tête a été développée à partir de la base de la "Tête du Loup" de Dao Cuong Quyét.*

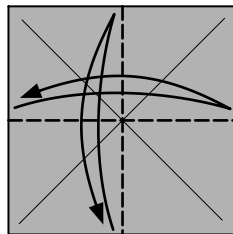
*Vous pouvez suivre les étapes du diagramme ou alors plier par vous même le crease-pattern puis continuer le diagramme à partir de l'étape 117. Quoi qu'il en soit, je vous conseille de vous entraîner à plier la tête seule à partir d'un carré avec une grille de 16x16.*

1



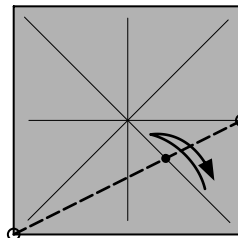
Fold and unfold.

2



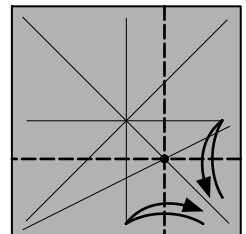
Fold and unfold.

3



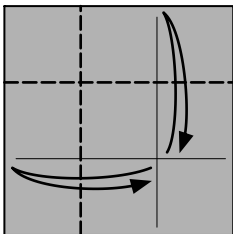
Fold and unfold.

4



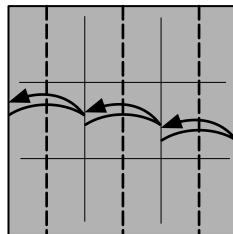
Fold and unfold.

5



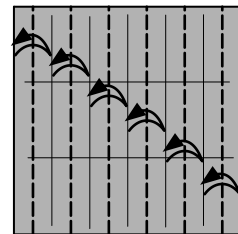
Fold and unfold.

6



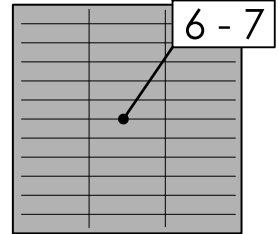
Fold and unfold.

7



Fold and unfold. Turn.

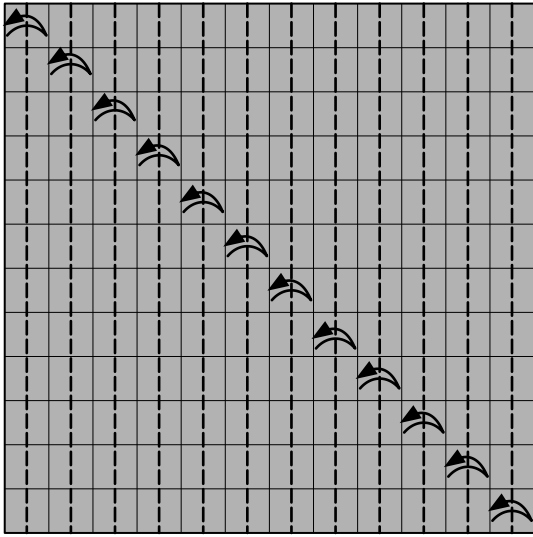
8



Repeat steps 6-7.

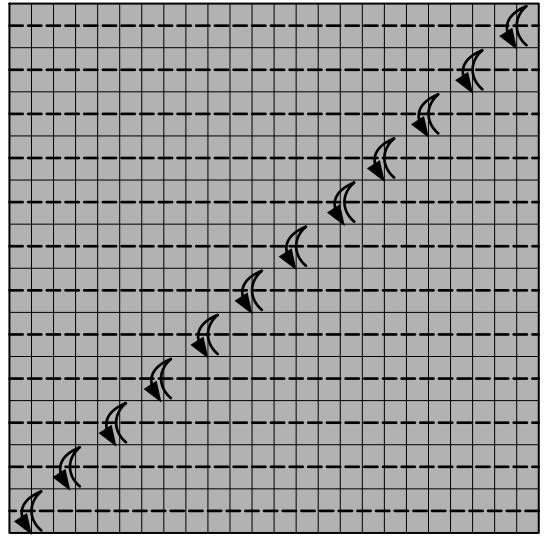


9



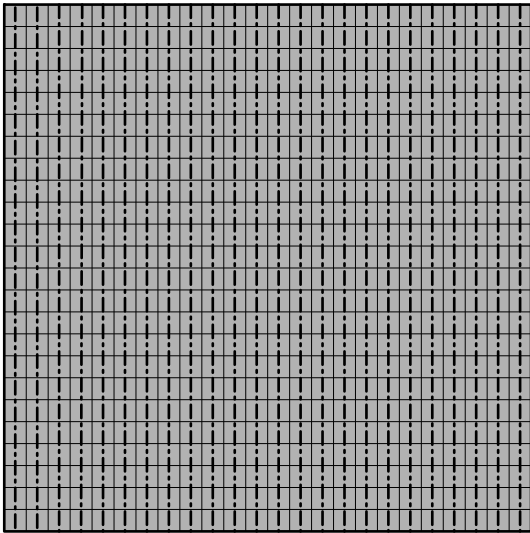
Fold and unfold.

10



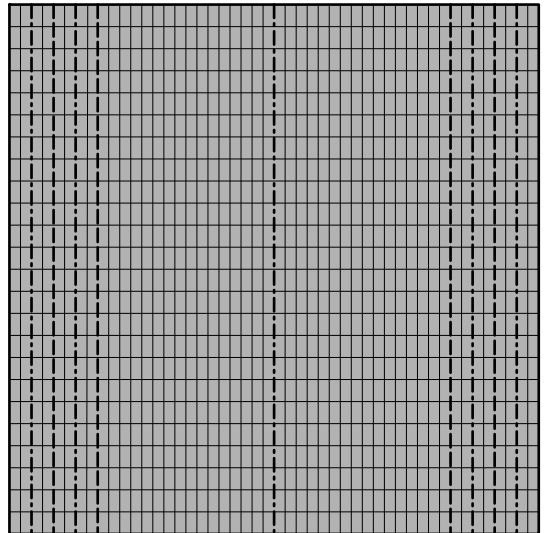
Fold and unfold.

11

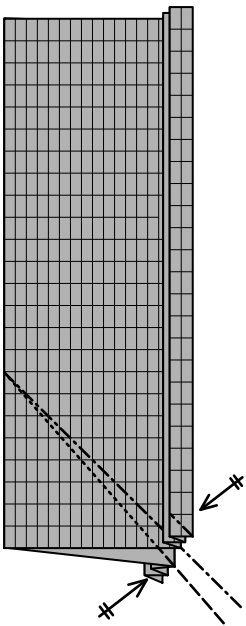


Fold and unfold.

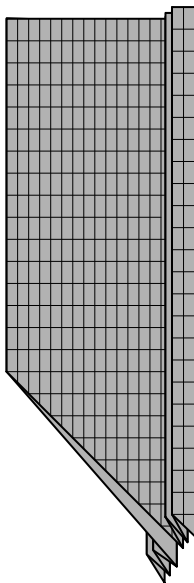
12



13

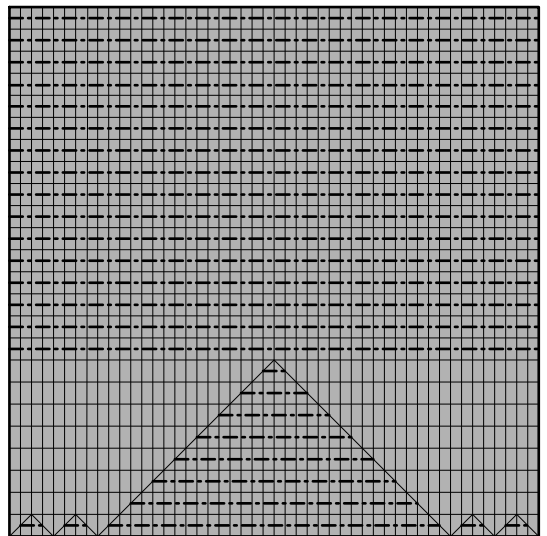


14



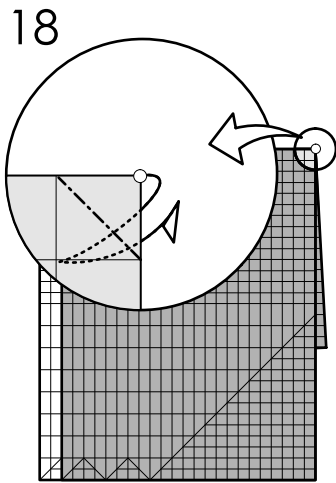
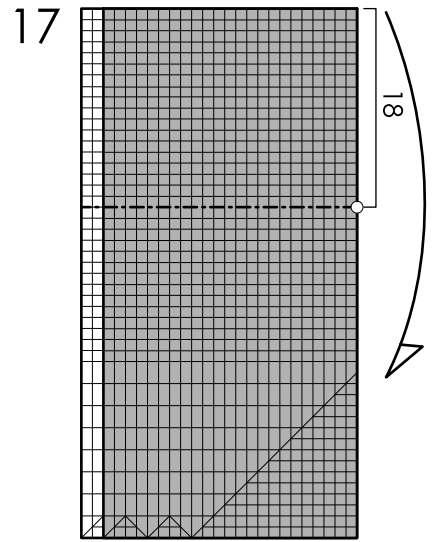
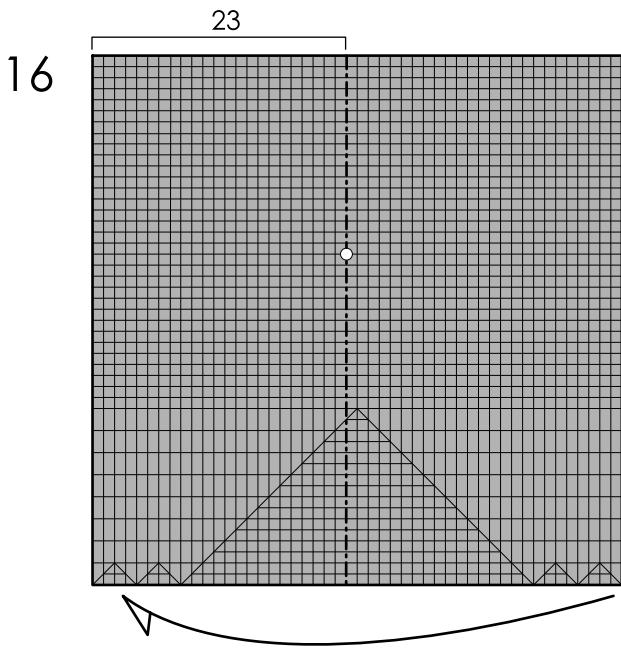
Unfold everything.

15

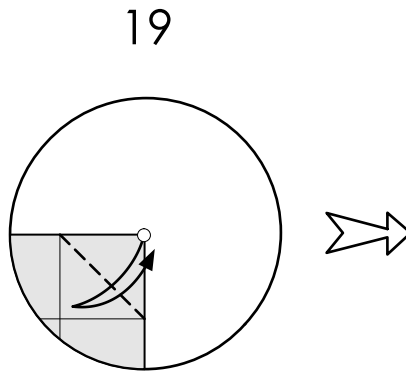


Fold and unfold.

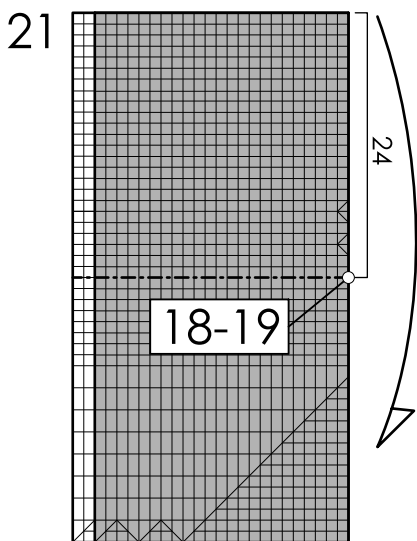
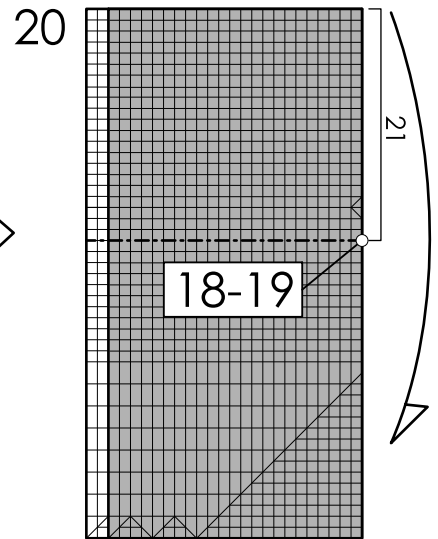




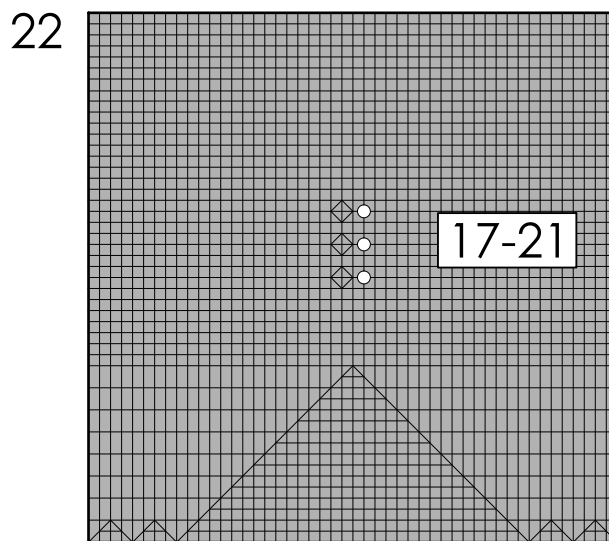
Fold and unfold.



Fold and unfold.  
Unfold to step 17.



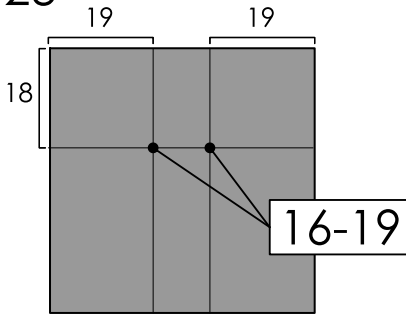
Unfold to step 16.



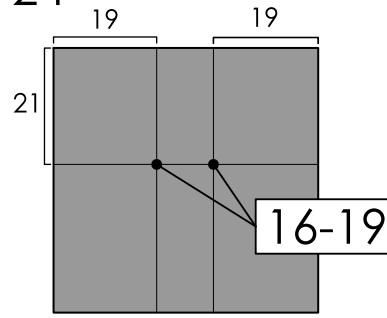
Repeat steps 17-21 on the right.



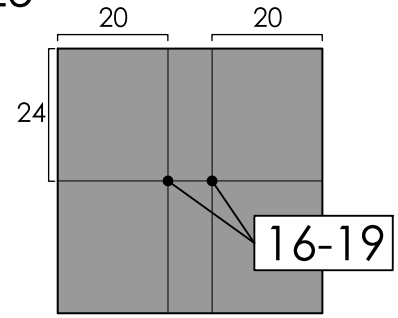
23



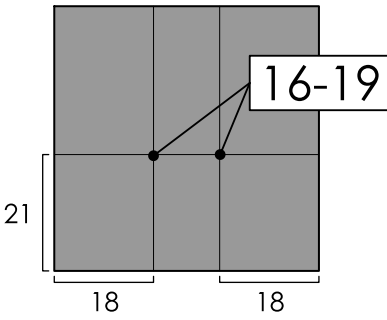
24



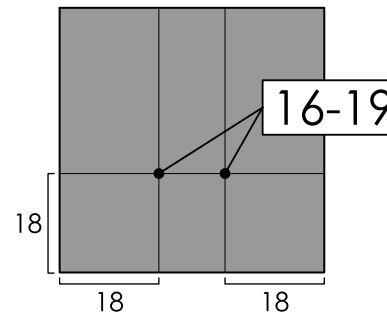
25



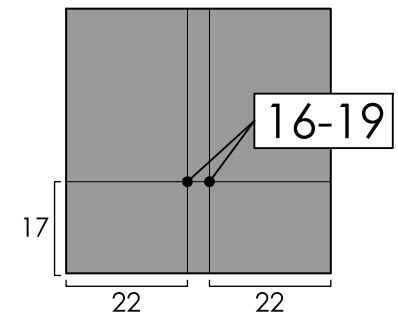
26



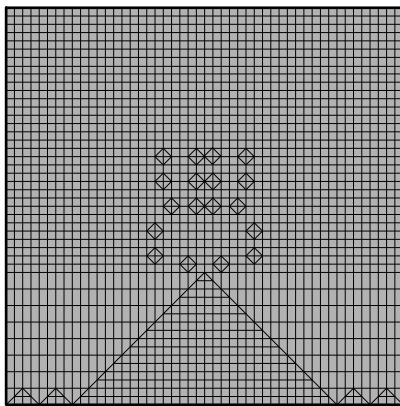
27



28

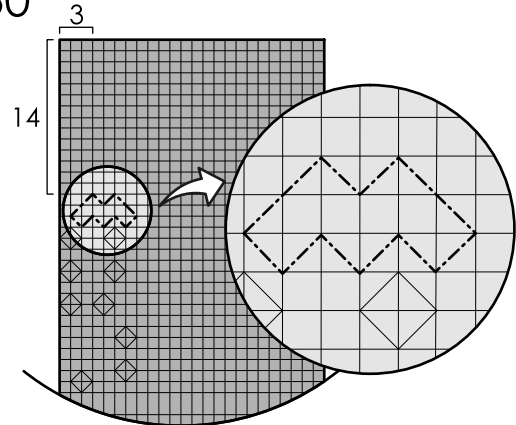


29



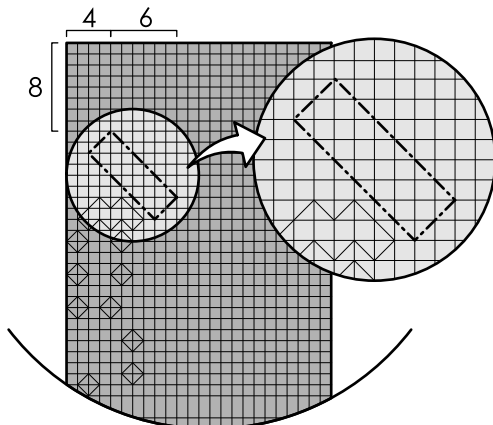
The next few steps will not show the left part of the paper.

30



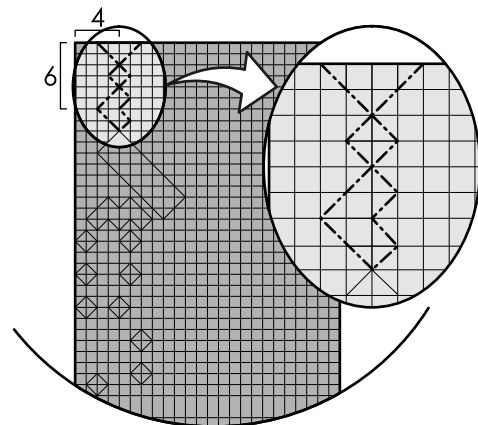
Precrease.

31



Precrease.

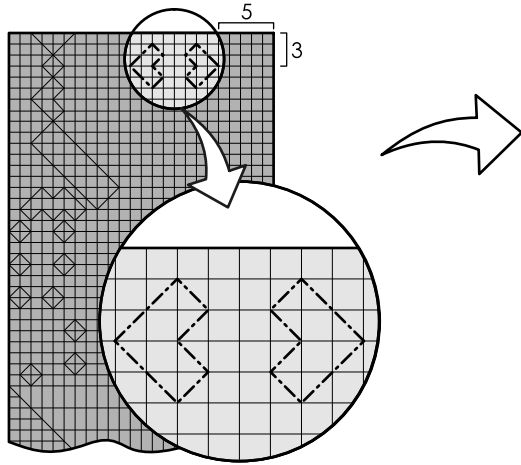
32



Precrease.

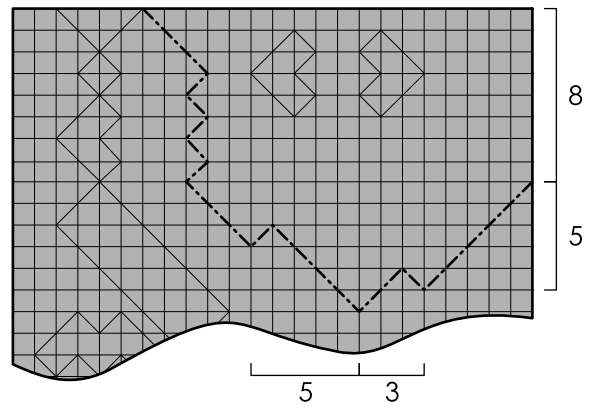


33



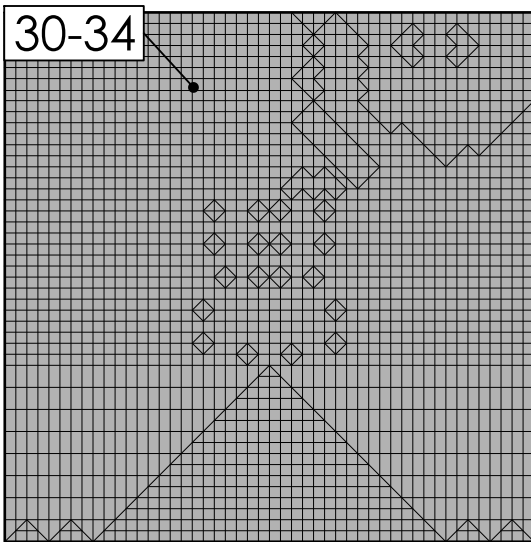
Precrease.

34



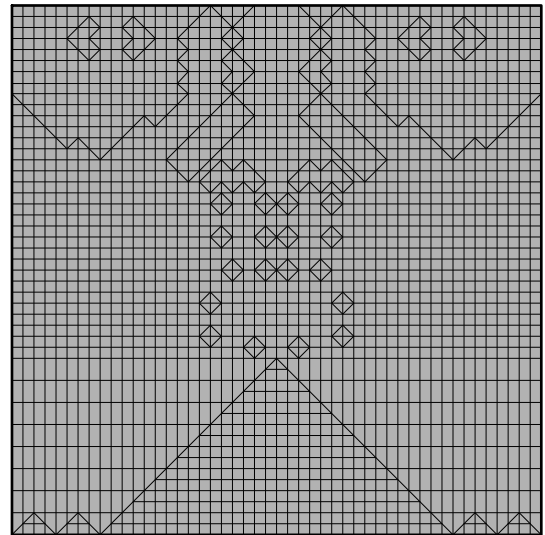
Precrease.

35

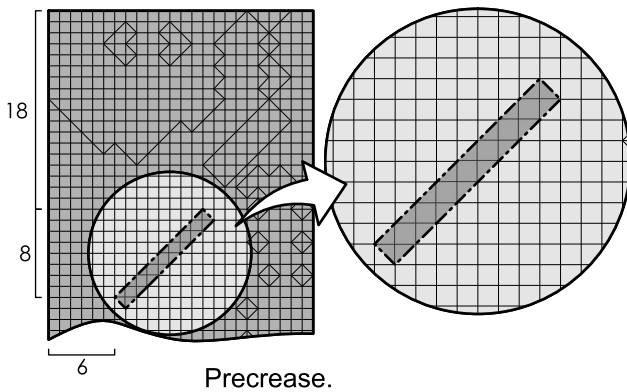


Repeat steps 30-34 on the left.

36

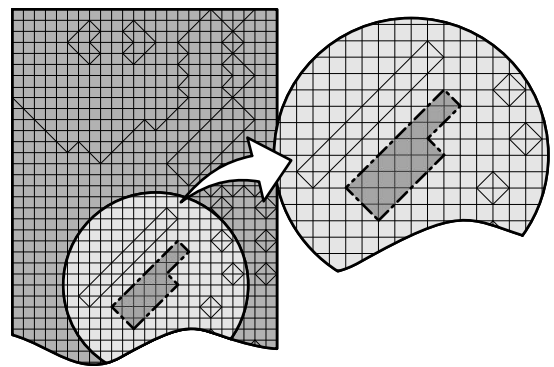


37



Precrease.

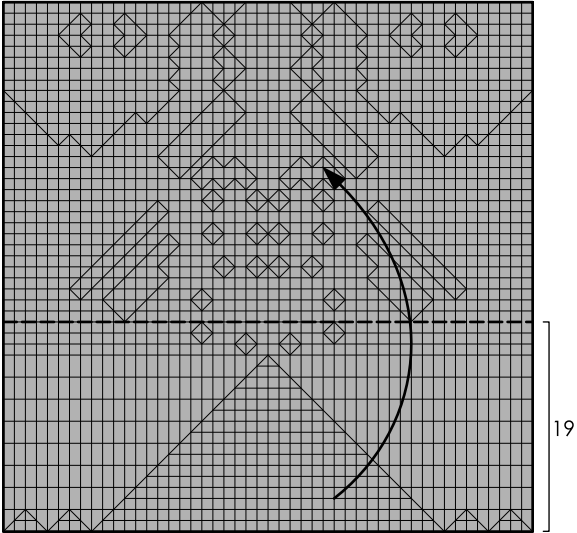
38



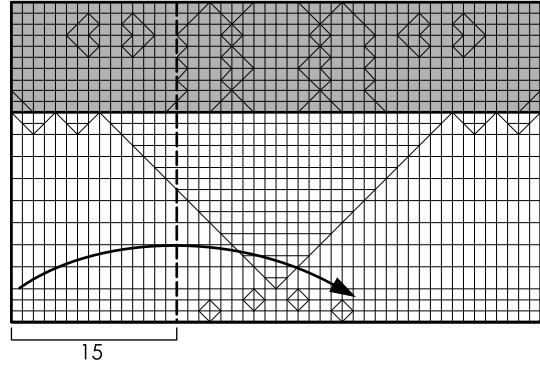
Precrease.



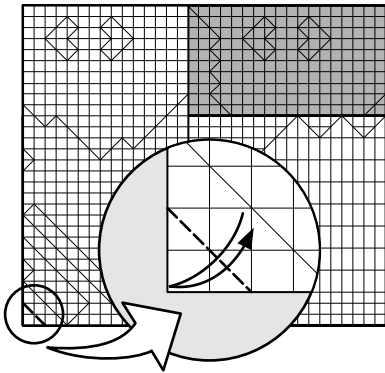
39



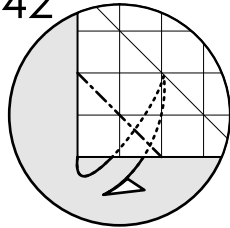
40



41

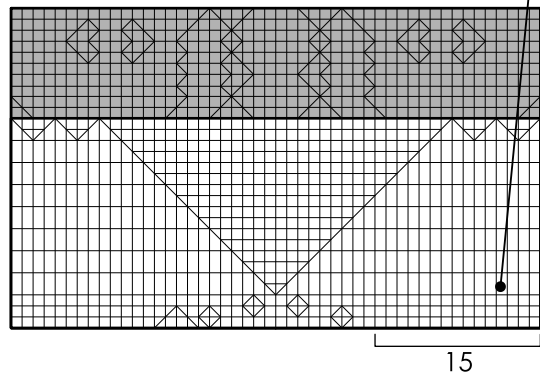


42



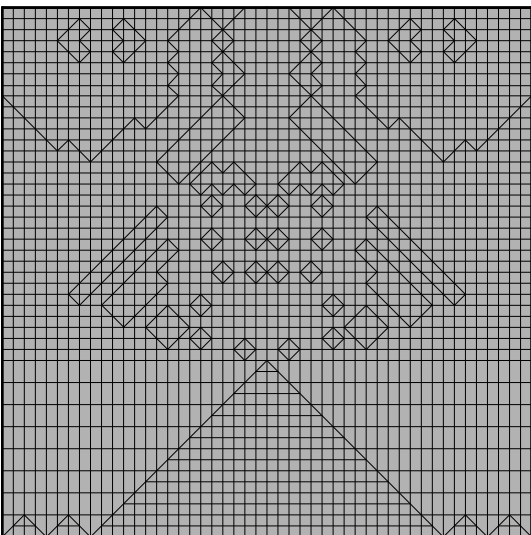
i. Mountain-folds.  
ii. Unfold to step 40.

43



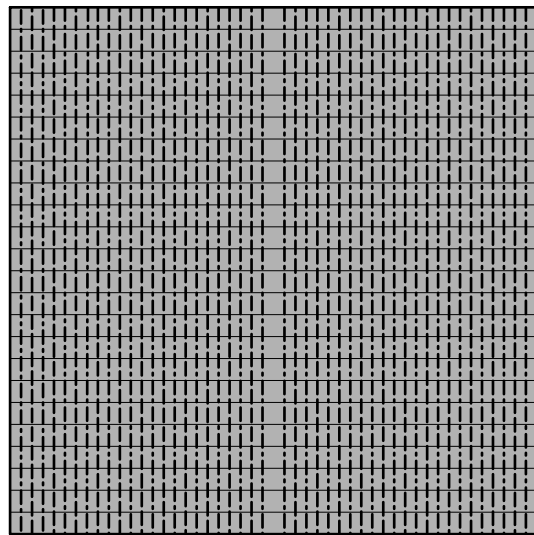
Repeat steps 42-44 on the right.

44

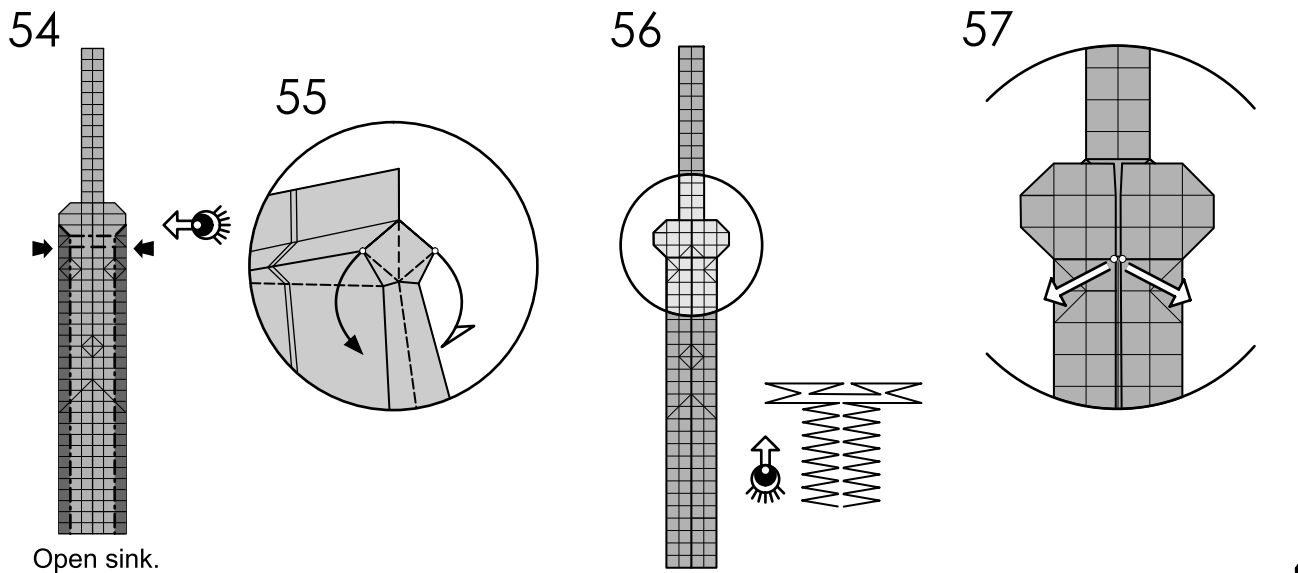
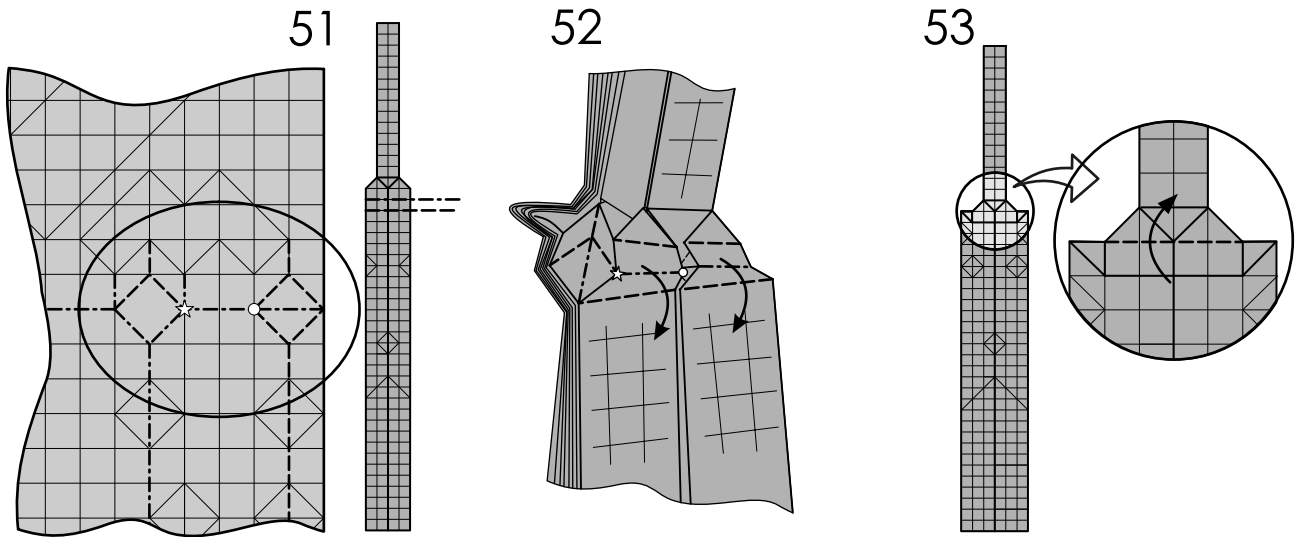
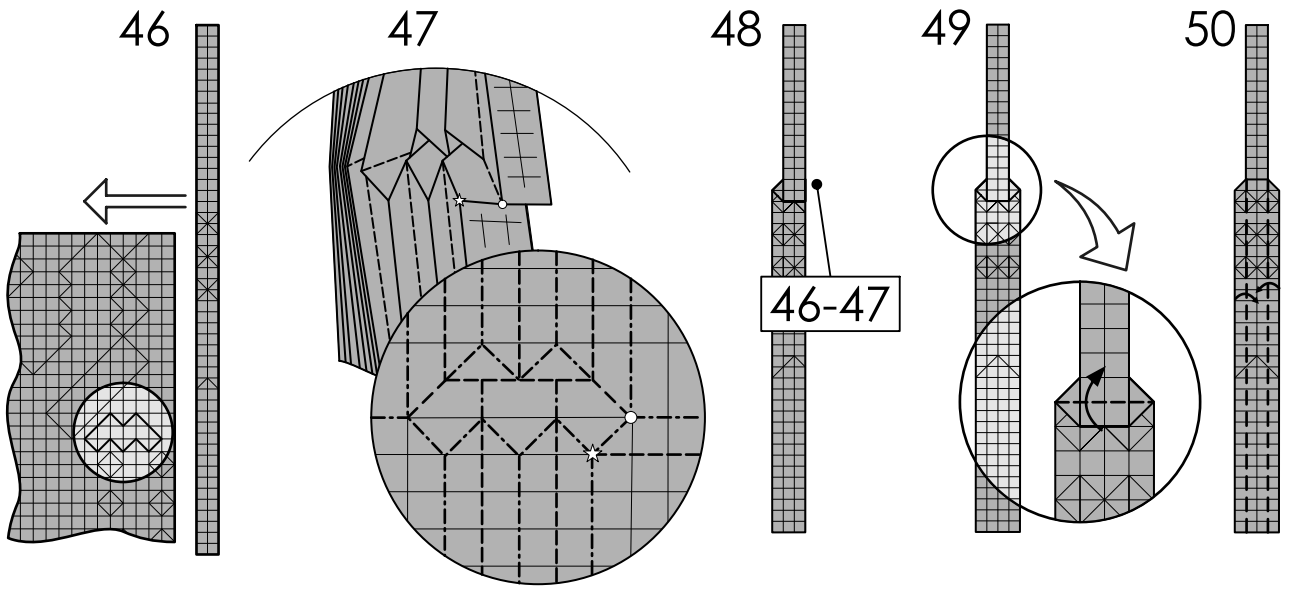


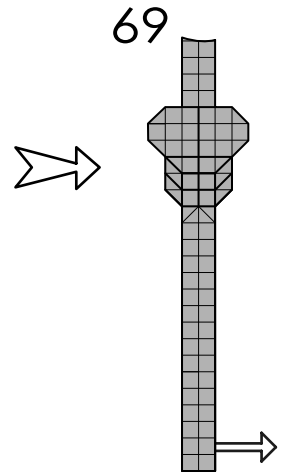
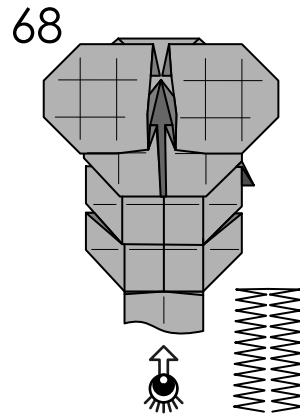
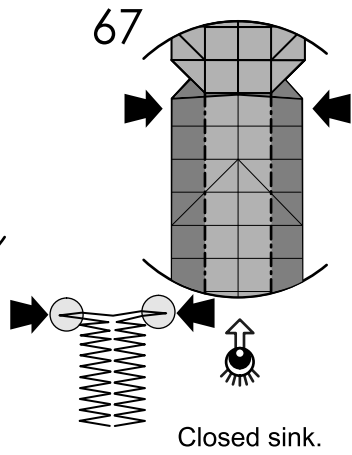
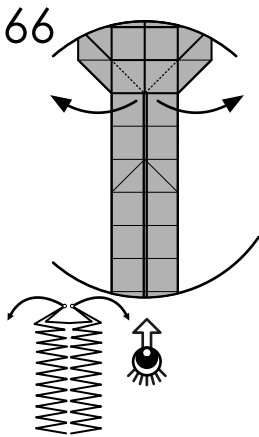
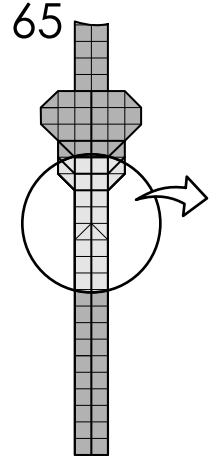
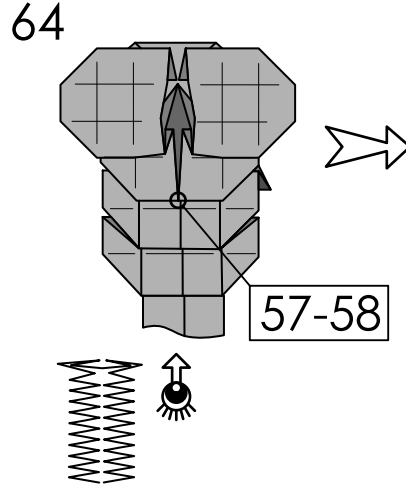
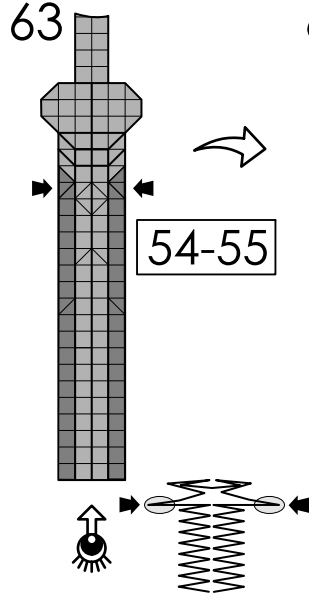
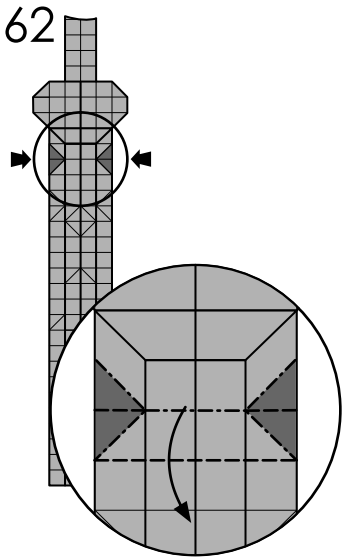
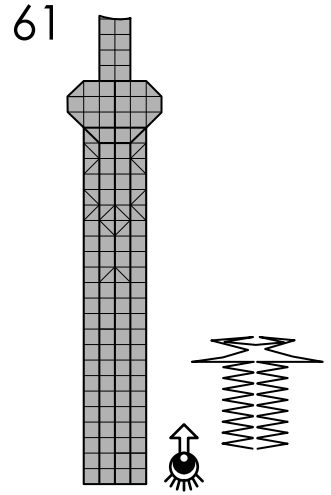
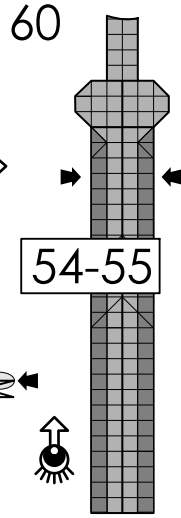
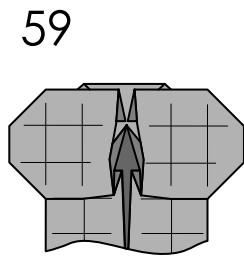
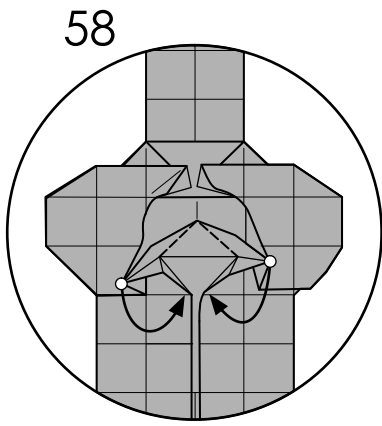
Precreasing completed.

45

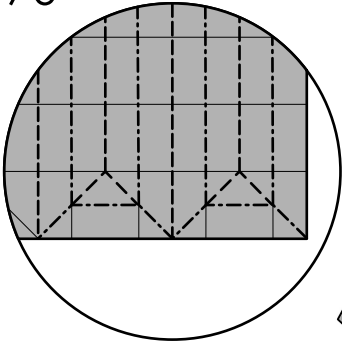




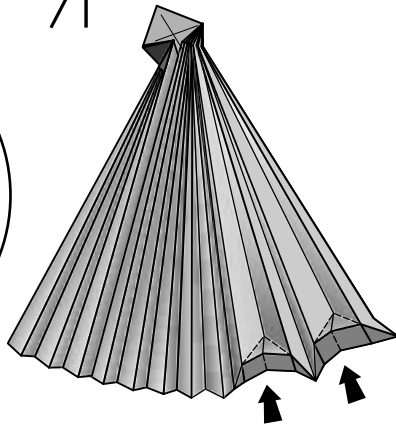




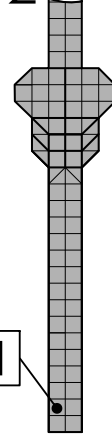
70



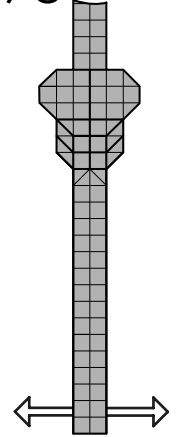
71



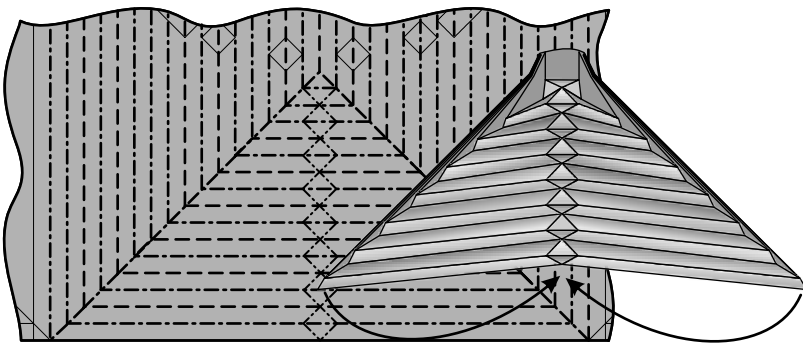
72



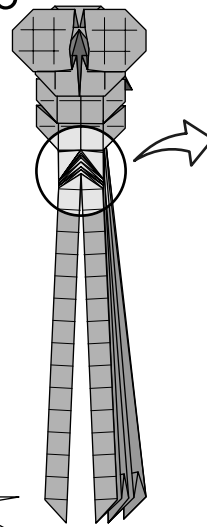
73



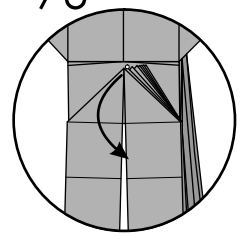
74



75

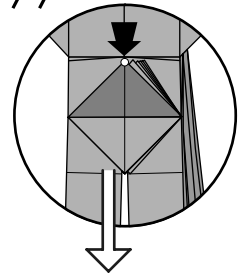


76

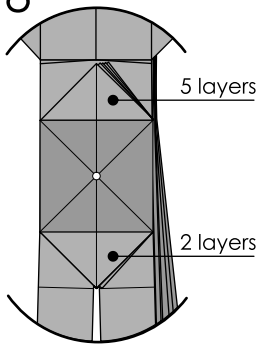


Fold down 2 layers.

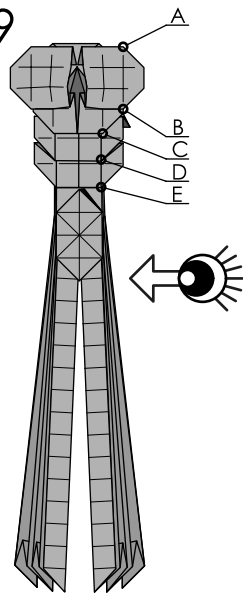
77



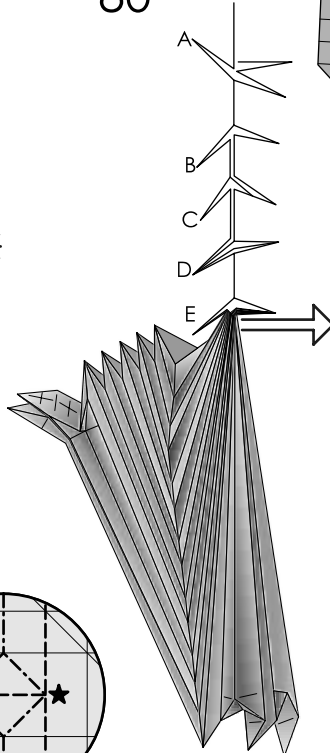
78



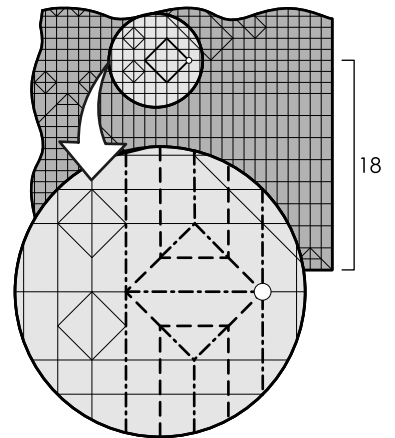
79



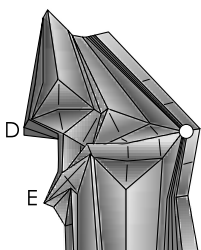
80



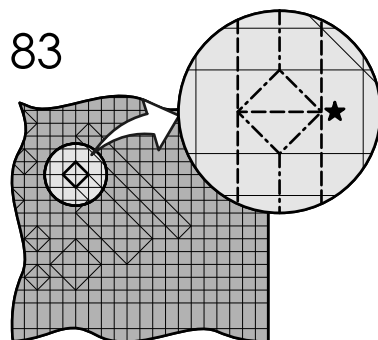
81



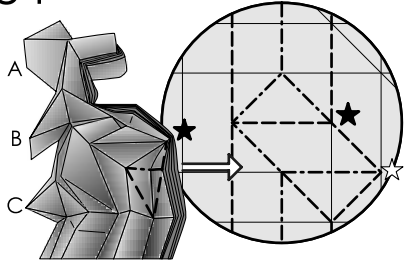
82



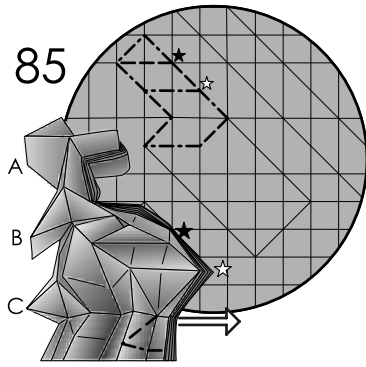
83



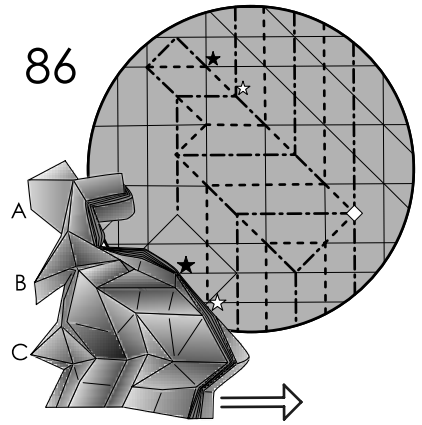
84



85

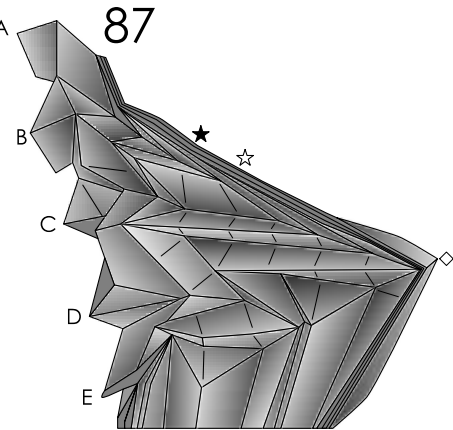


86

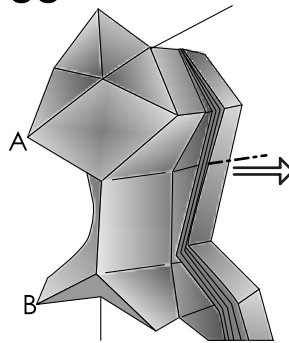


A

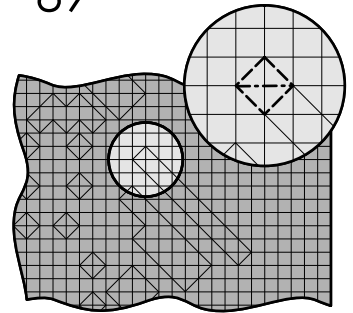
87



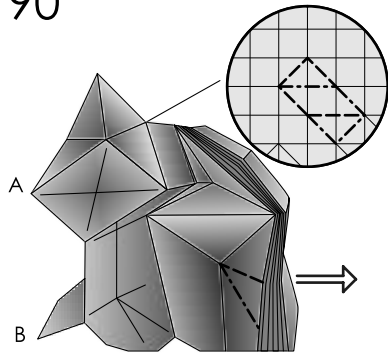
88



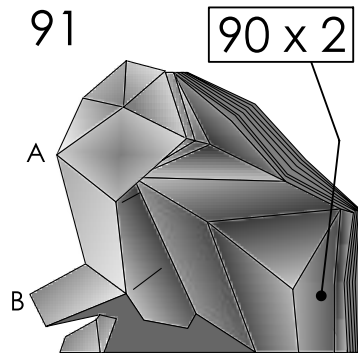
89



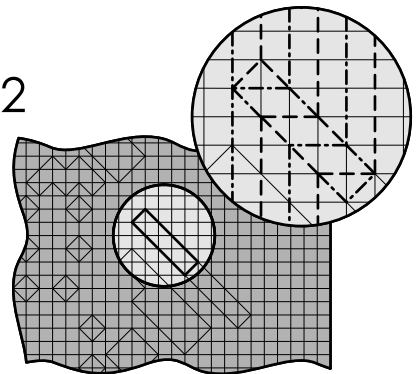
90



91

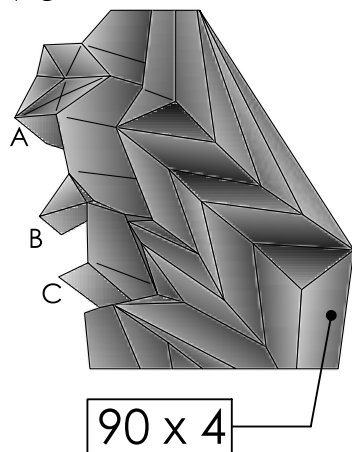


92

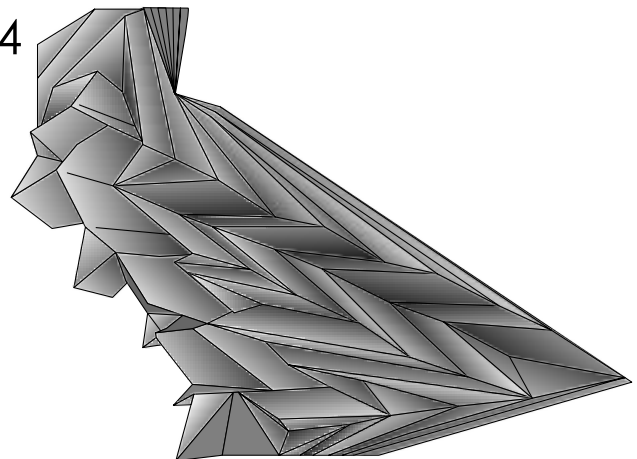


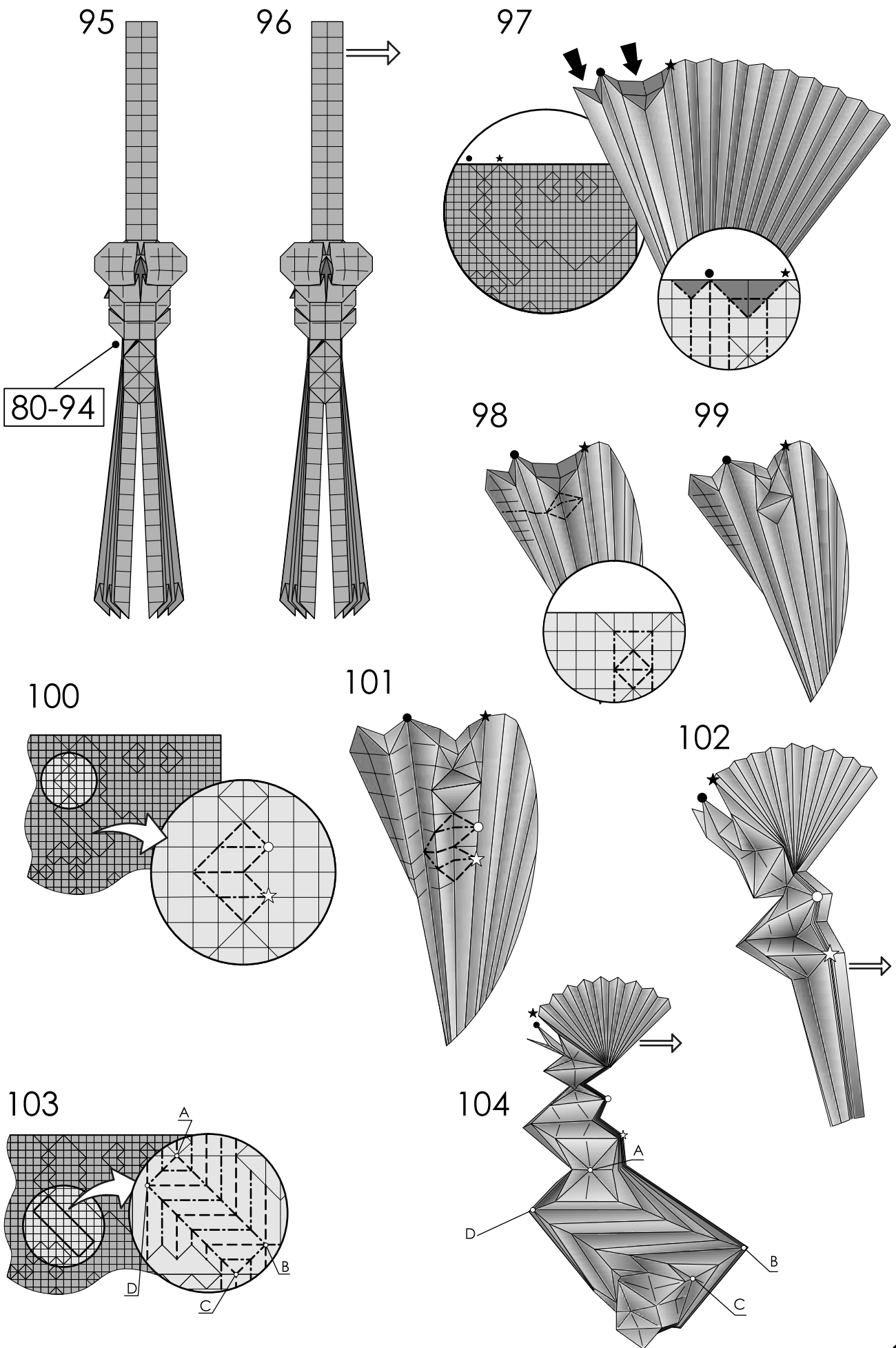
Repeat step 90 twice.

93

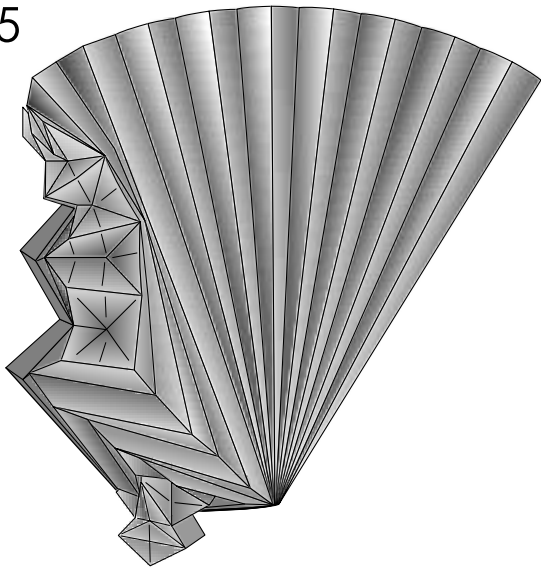


94

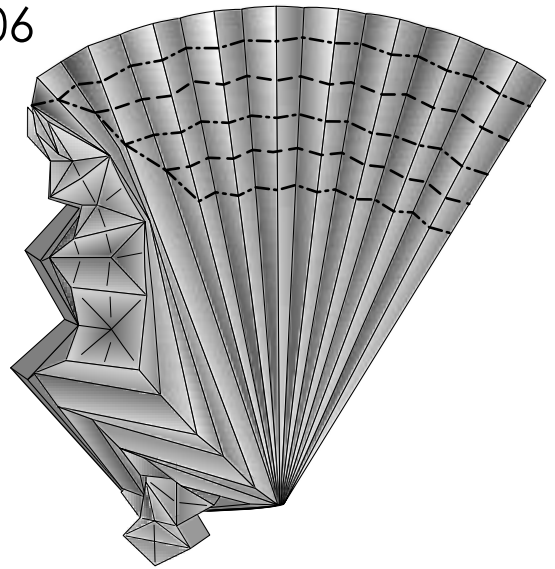




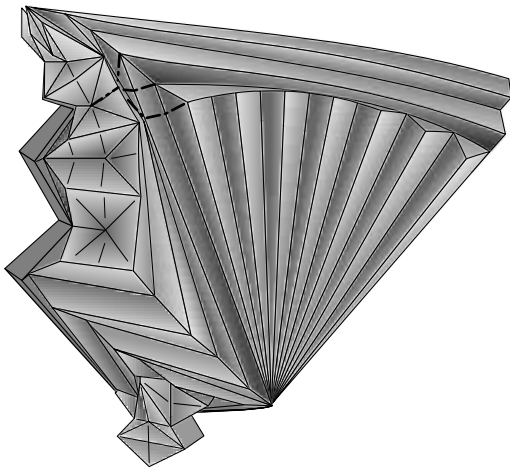
105



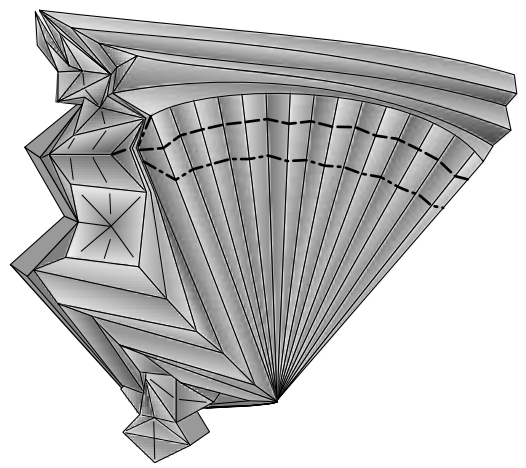
106



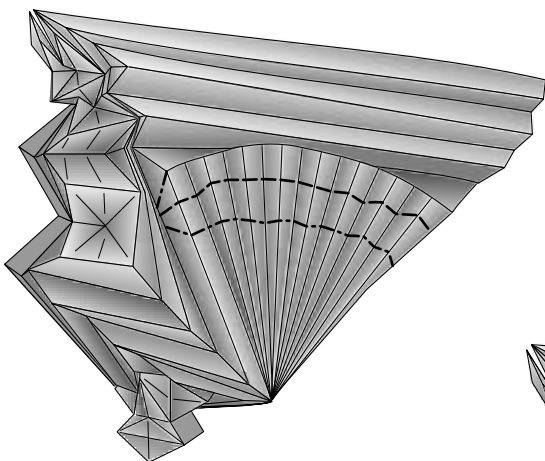
107



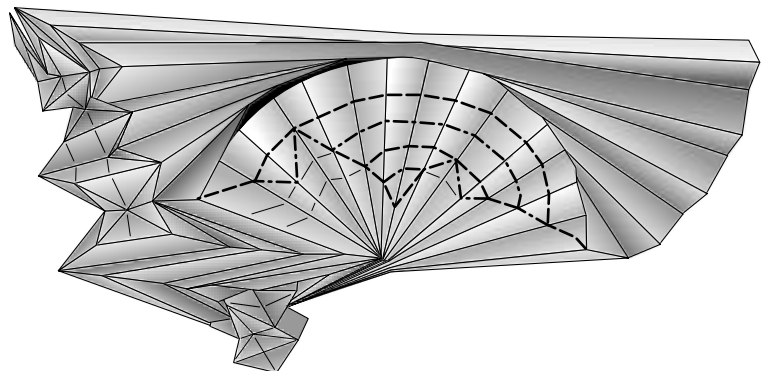
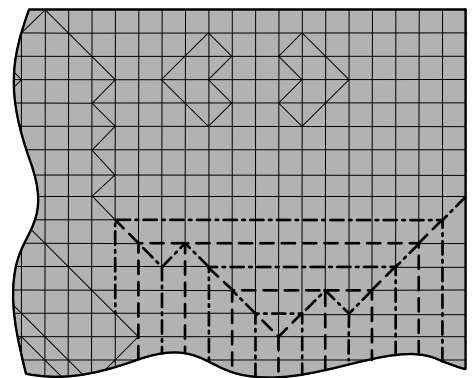
108



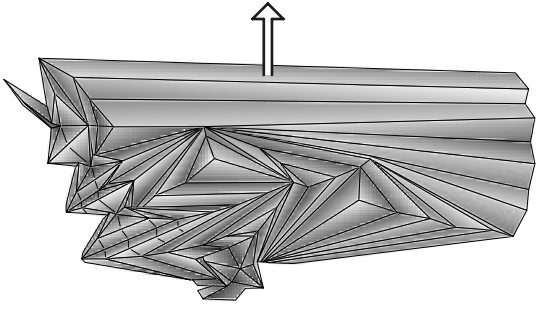
109



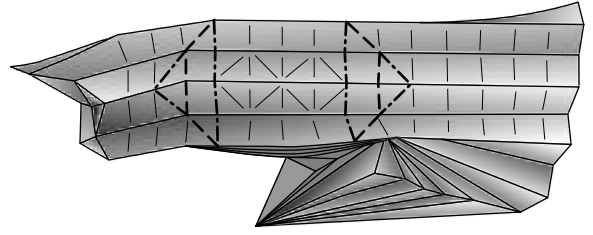
110



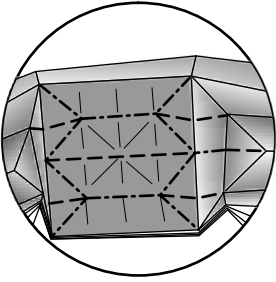
111



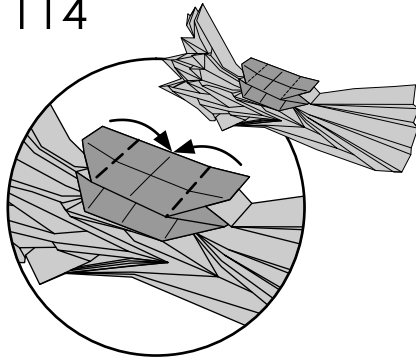
112



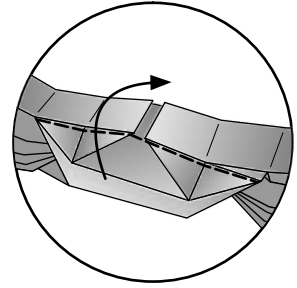
113



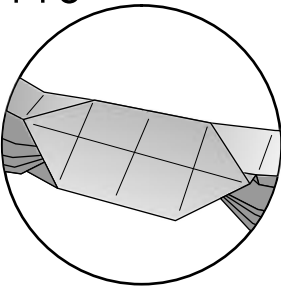
114



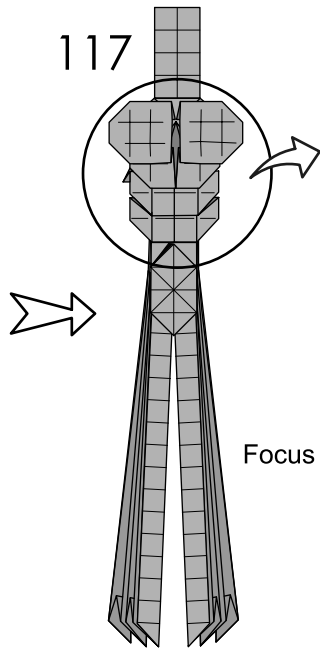
115



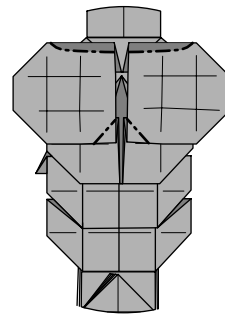
116



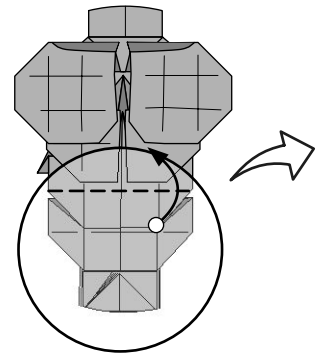
117



118

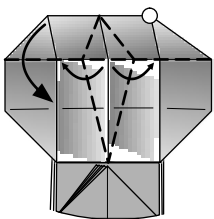


119

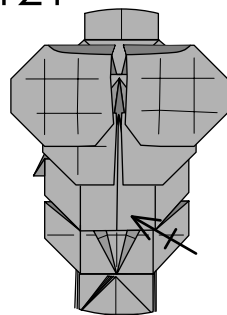


Focus on the body.

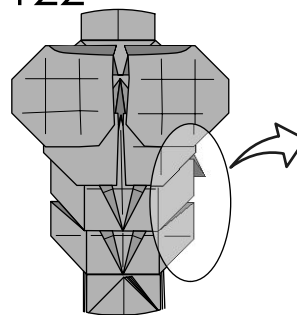
120



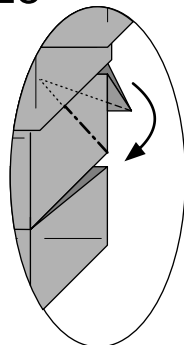
121



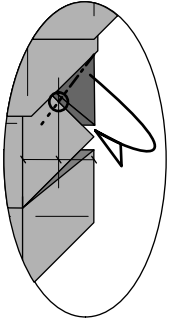
122



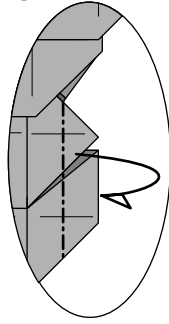
123



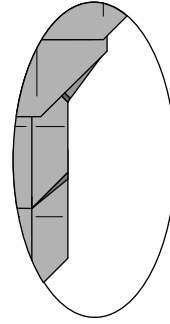
124



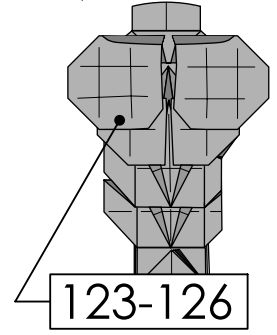
125



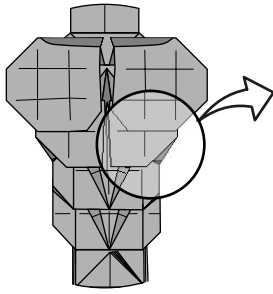
126



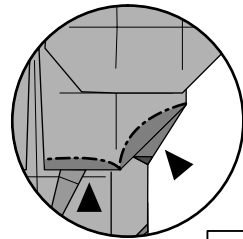
127



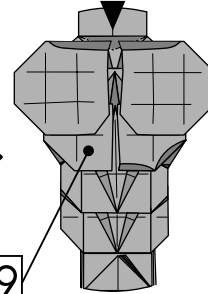
128



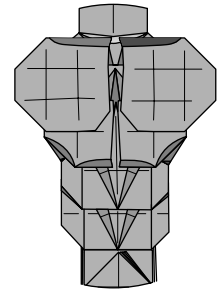
129



130

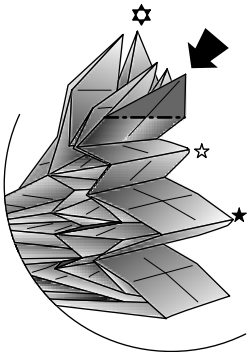


131



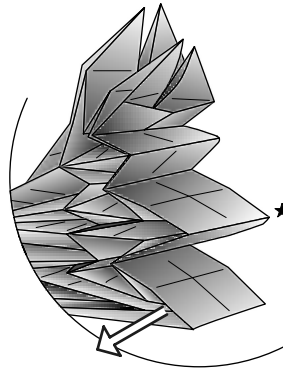
Completed body.

132

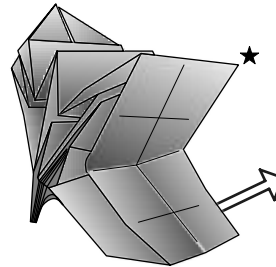


Focus on the Head.  
Open sink.

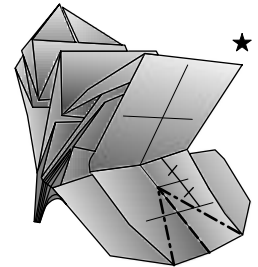
133



134

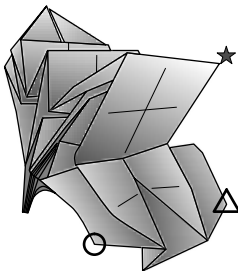


135

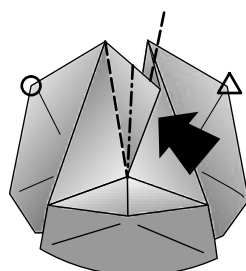


The next several steps are three-dimensional.  
Do not flatten the model.

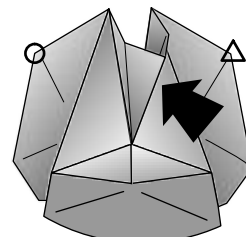
136



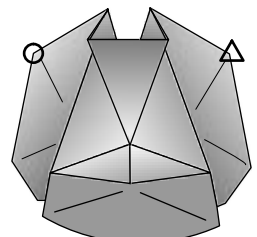
137



138



139

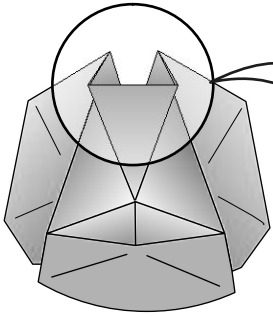


View from the bottom.

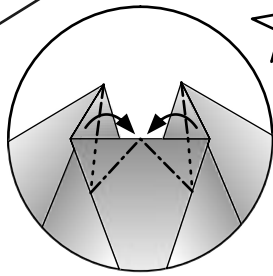




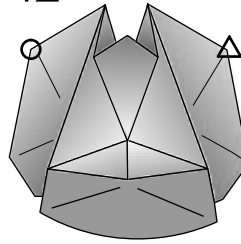
140



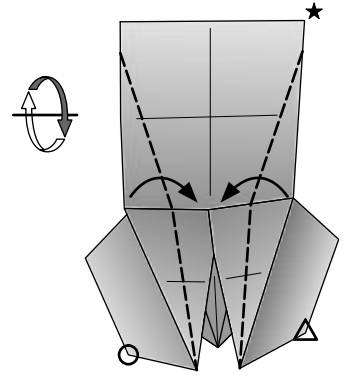
141



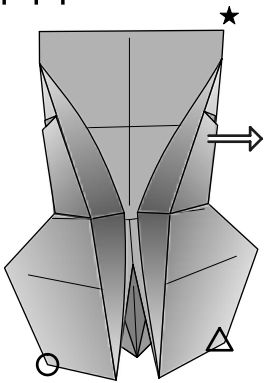
142



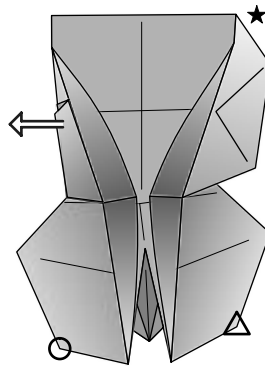
143



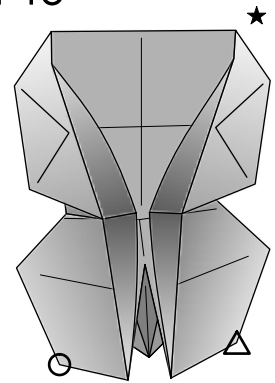
144



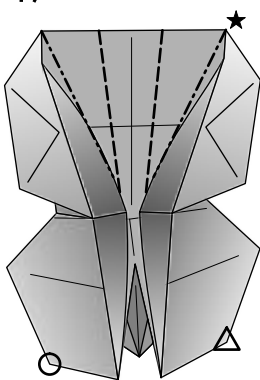
145



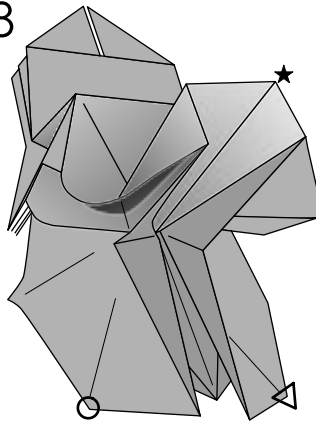
146



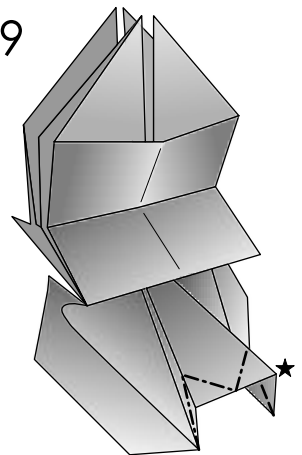
147



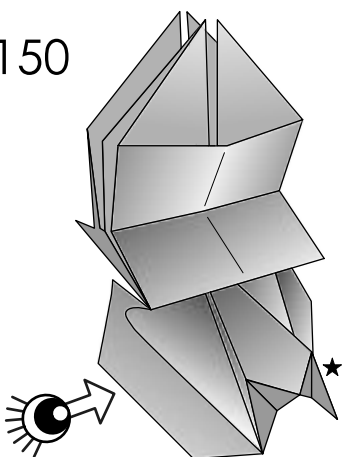
148



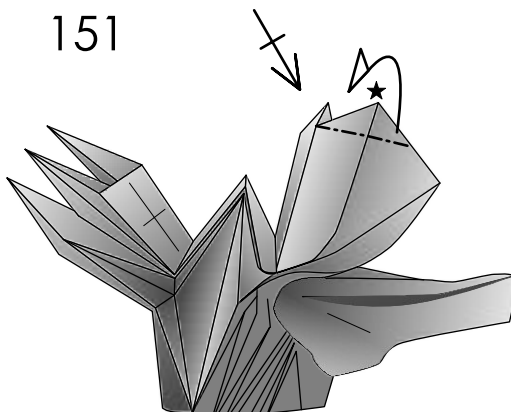
149



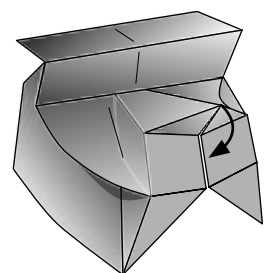
150



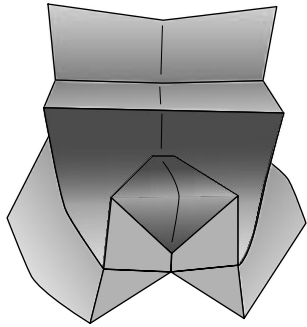
151



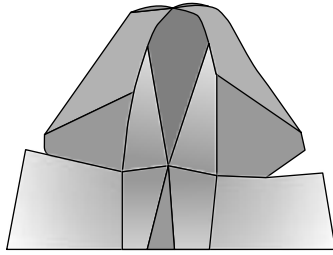
152



153

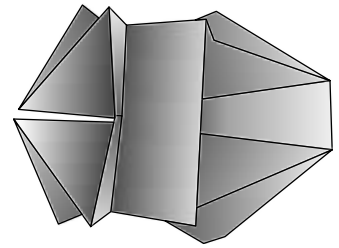


154



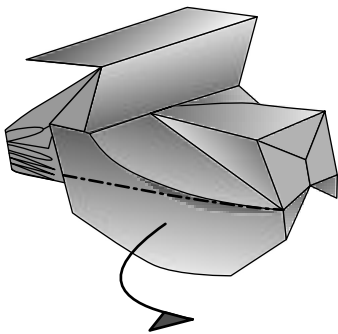
View from the bottom.

155

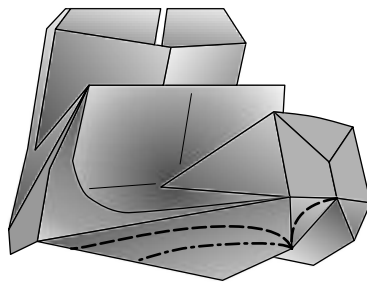


View from the top.

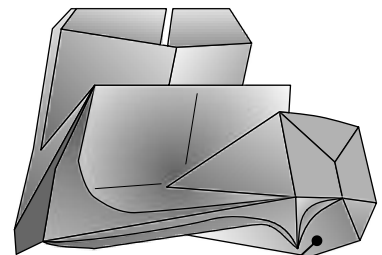
156



157

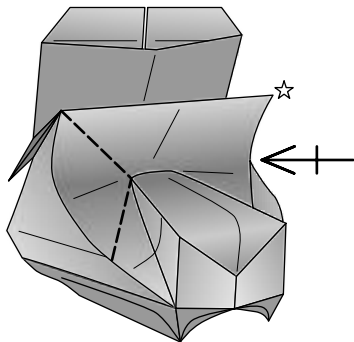


158

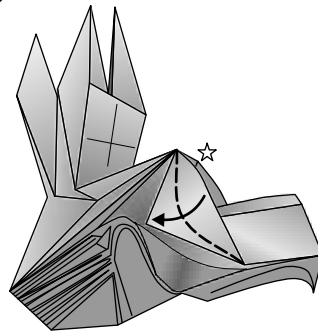


156-157

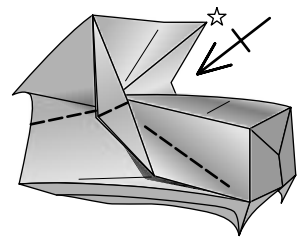
159



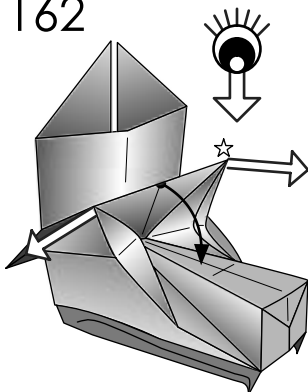
160



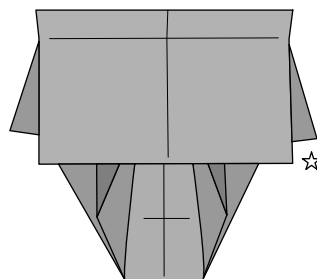
161



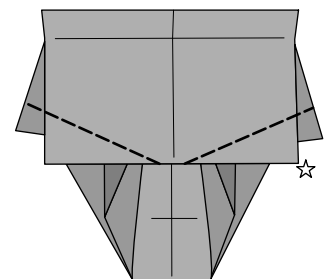
162

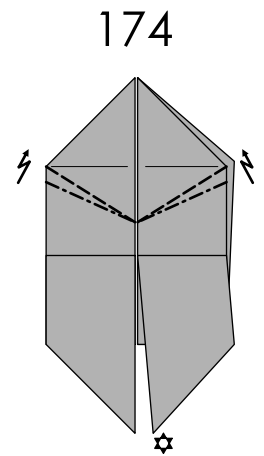
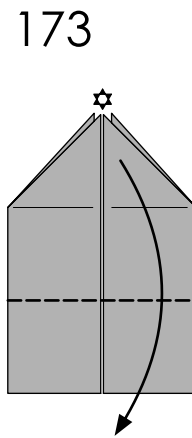
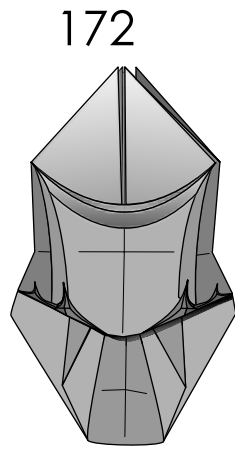
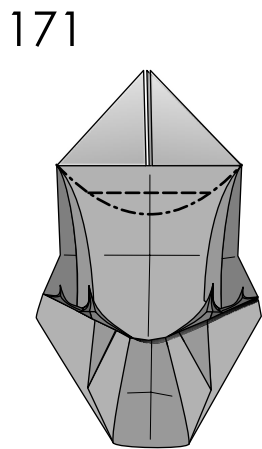
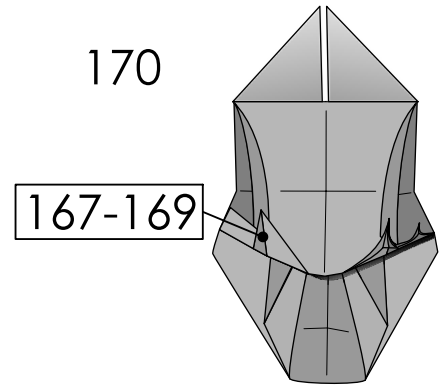
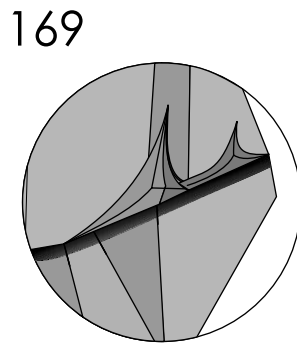
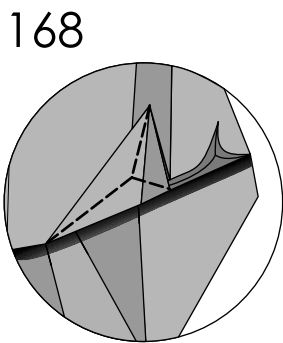
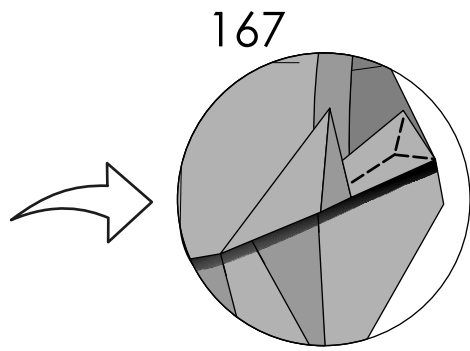
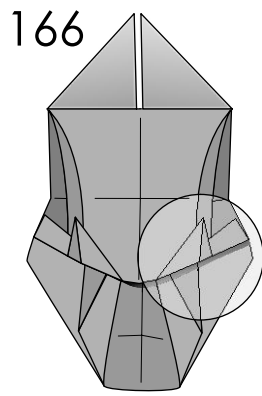
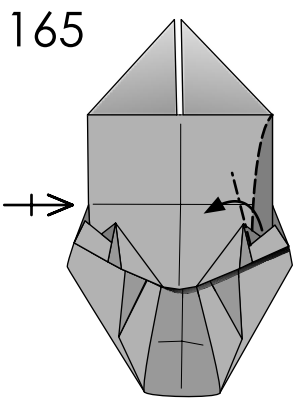


163

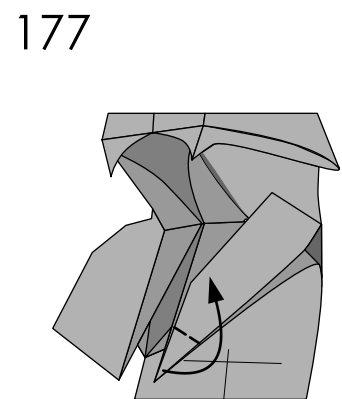
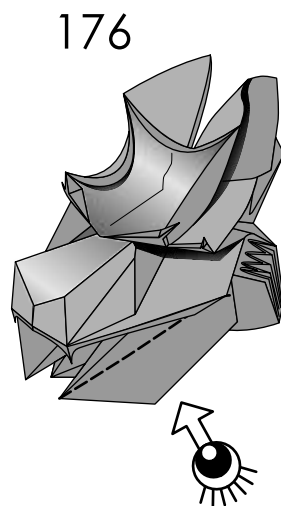
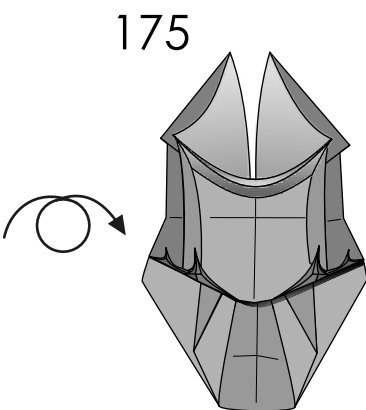


164

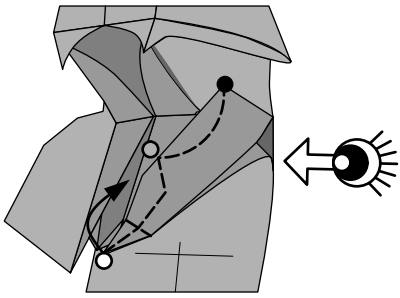




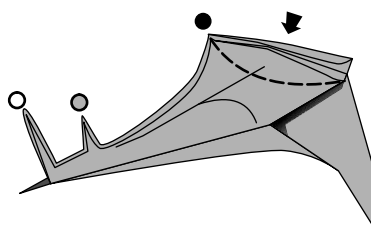
Crimp 1 layer.



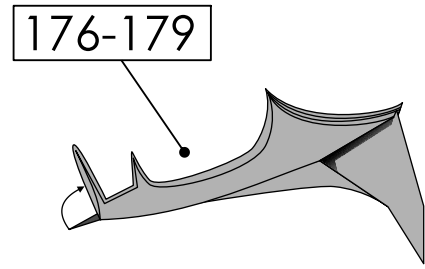
178



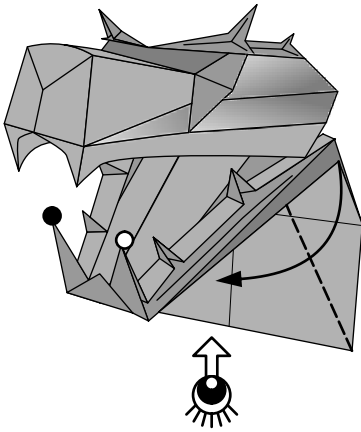
179



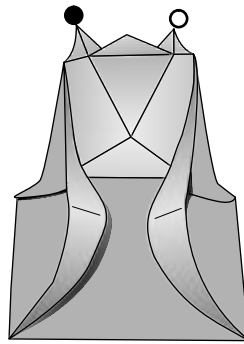
180



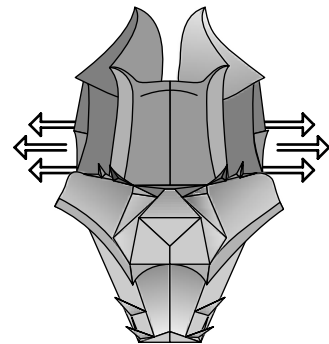
181



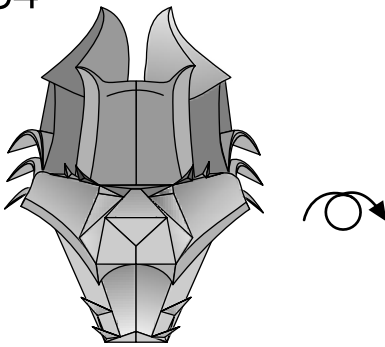
182



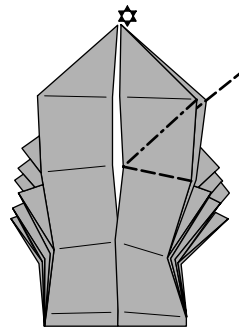
183



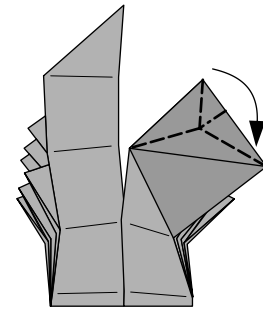
184



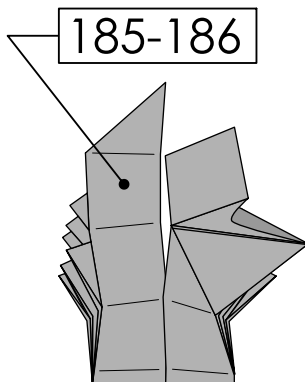
185



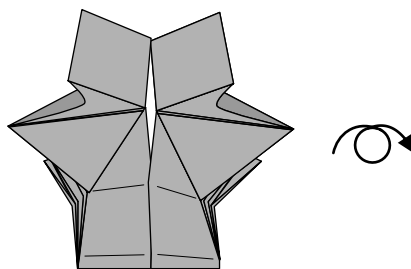
186



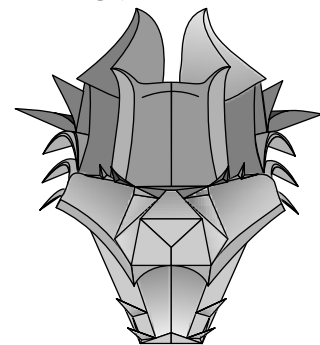
187



188



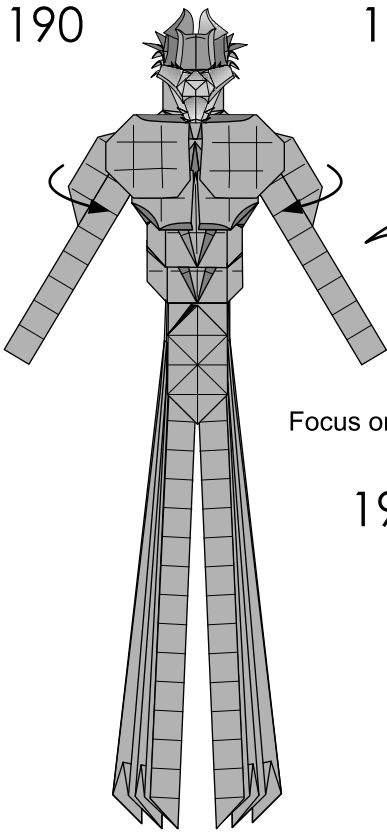
189



Completed head.

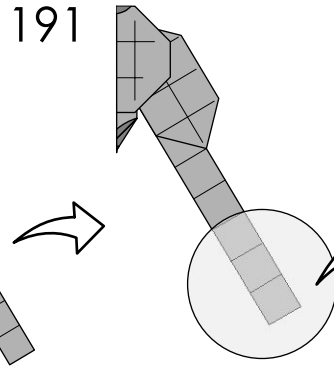


190



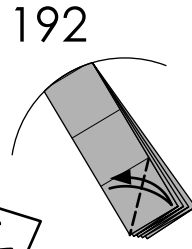
Global view.

191

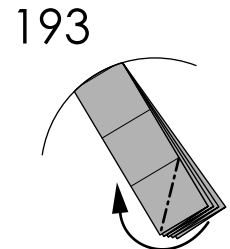


Focus on the hand.

192

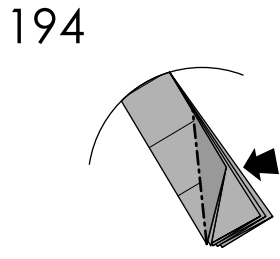


193

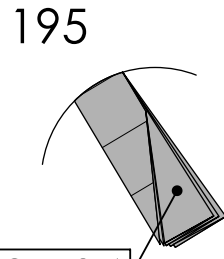


Reverse-fold.

194

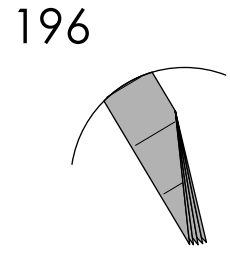


195

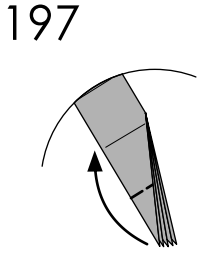


192-194 x 3

196

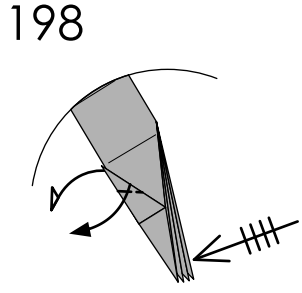


197

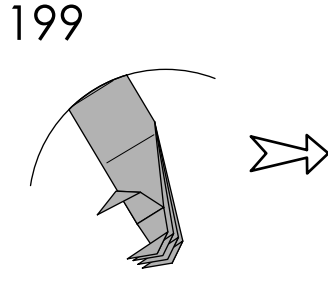


Valley-fold 1 finger.

198

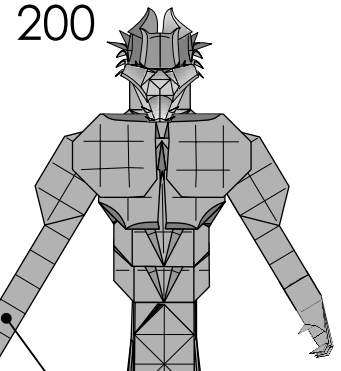


199



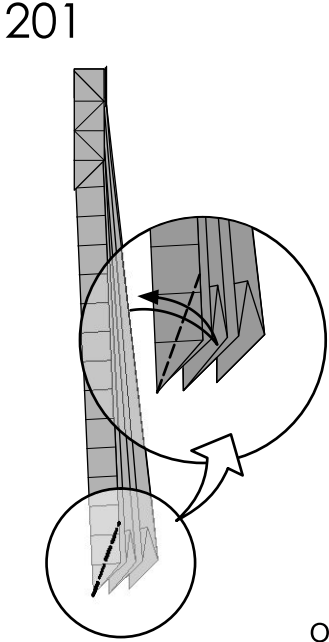
Completed hand.

200

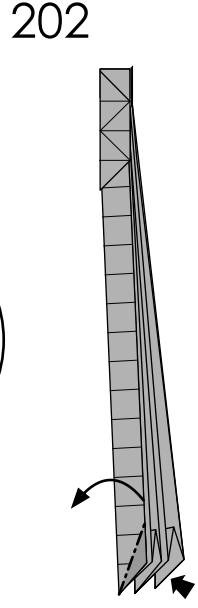


192-198

201

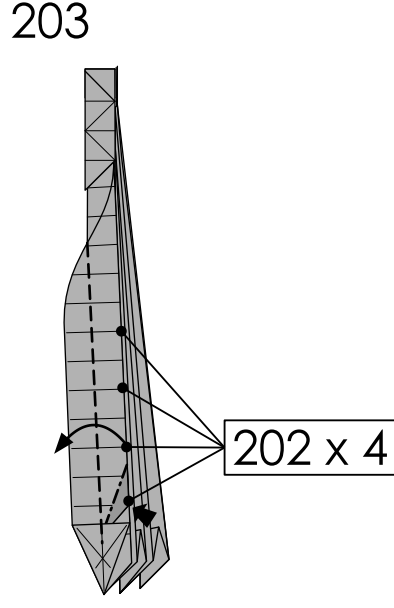


202



Open 1 layer to the left.

203

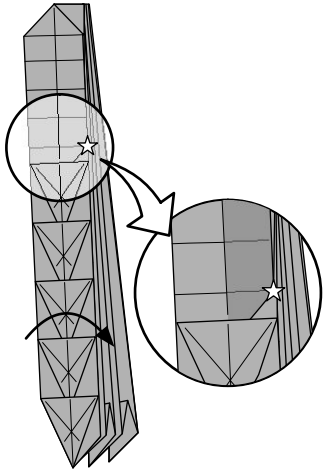


202 x 4

Focus on the leg.

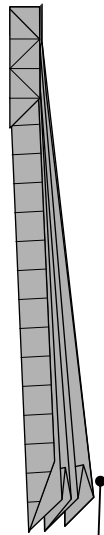


204



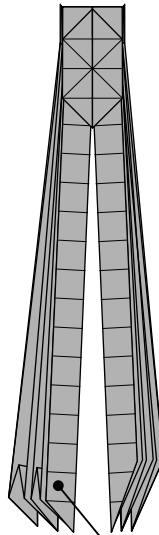
Remember the point ☆

205



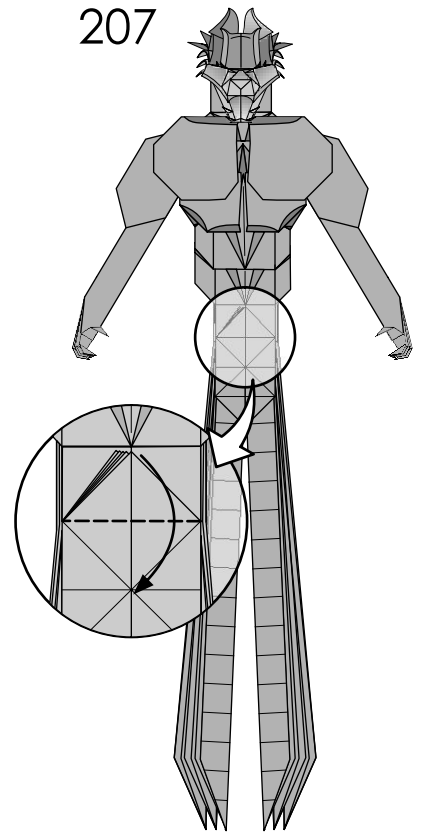
194 x 4

206

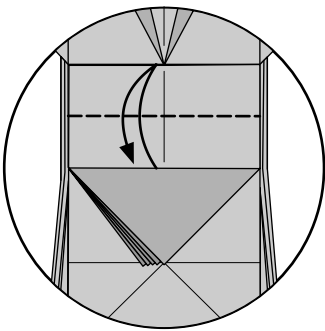


201-205

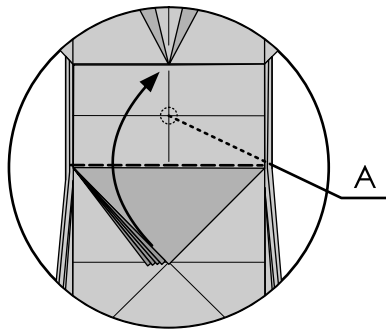
207



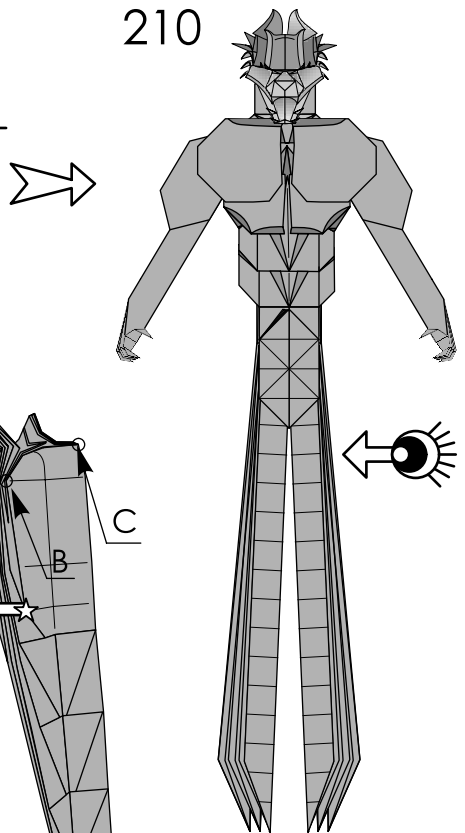
208



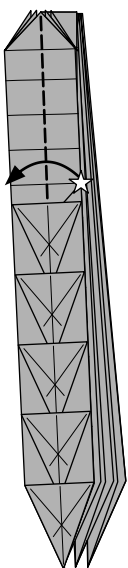
209



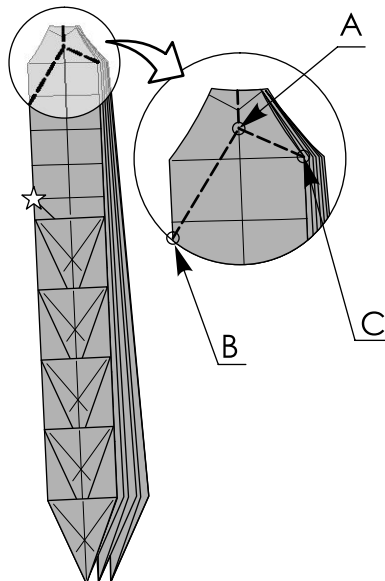
210



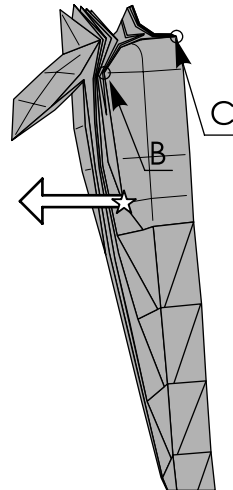
211



212



213

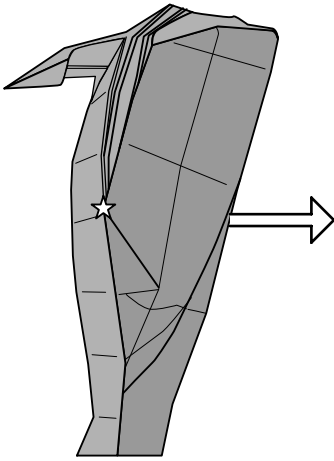


Pull out.

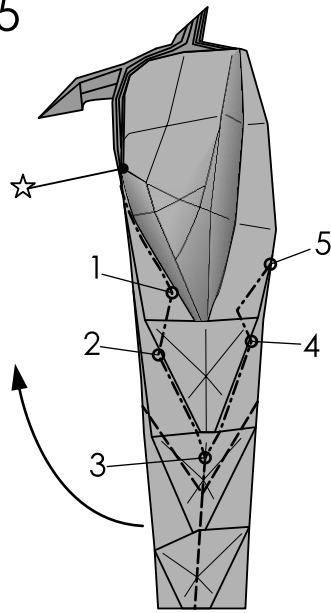


Turn ☆ to left.

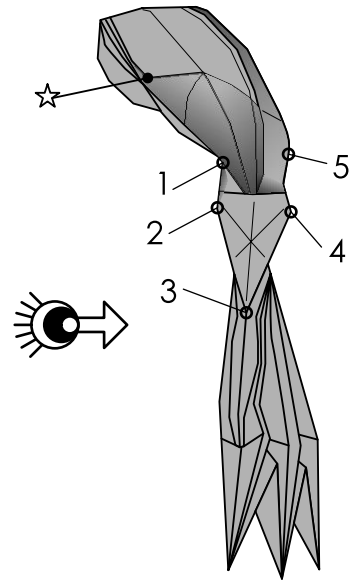
214



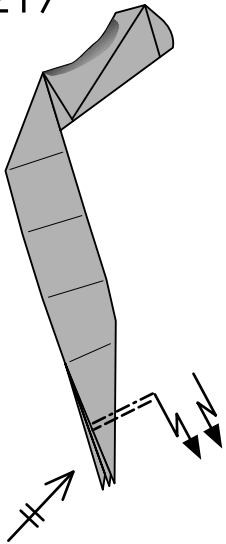
215



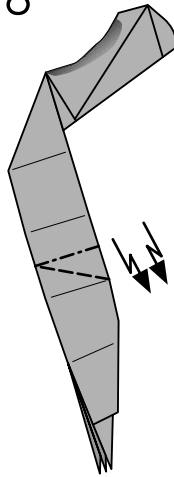
216



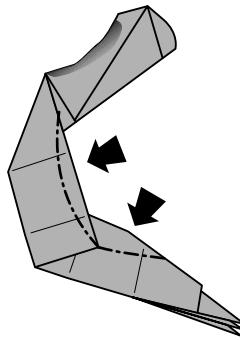
217



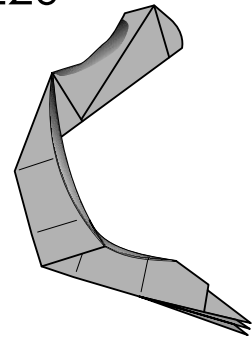
218



219

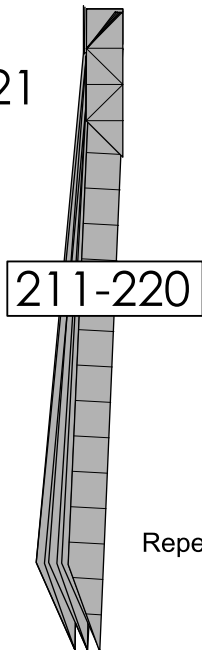


220



Completed leg.

221

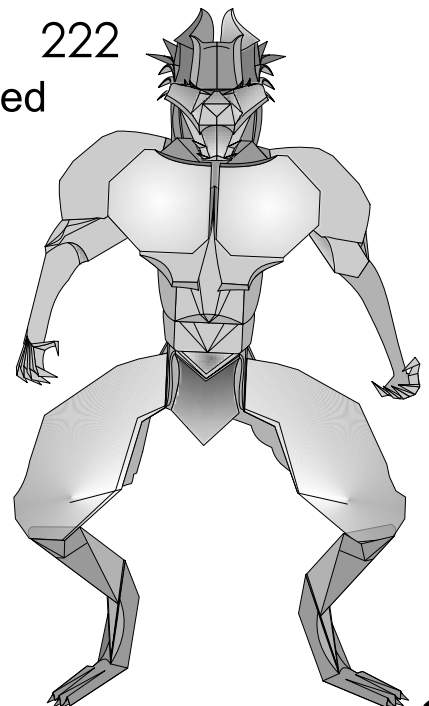


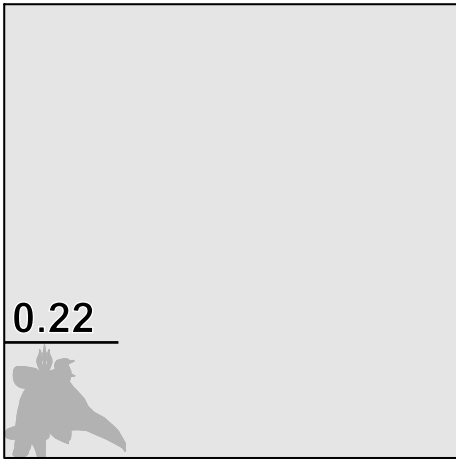
Repeat 211-220 on the left.



Completed model.

222





0.22



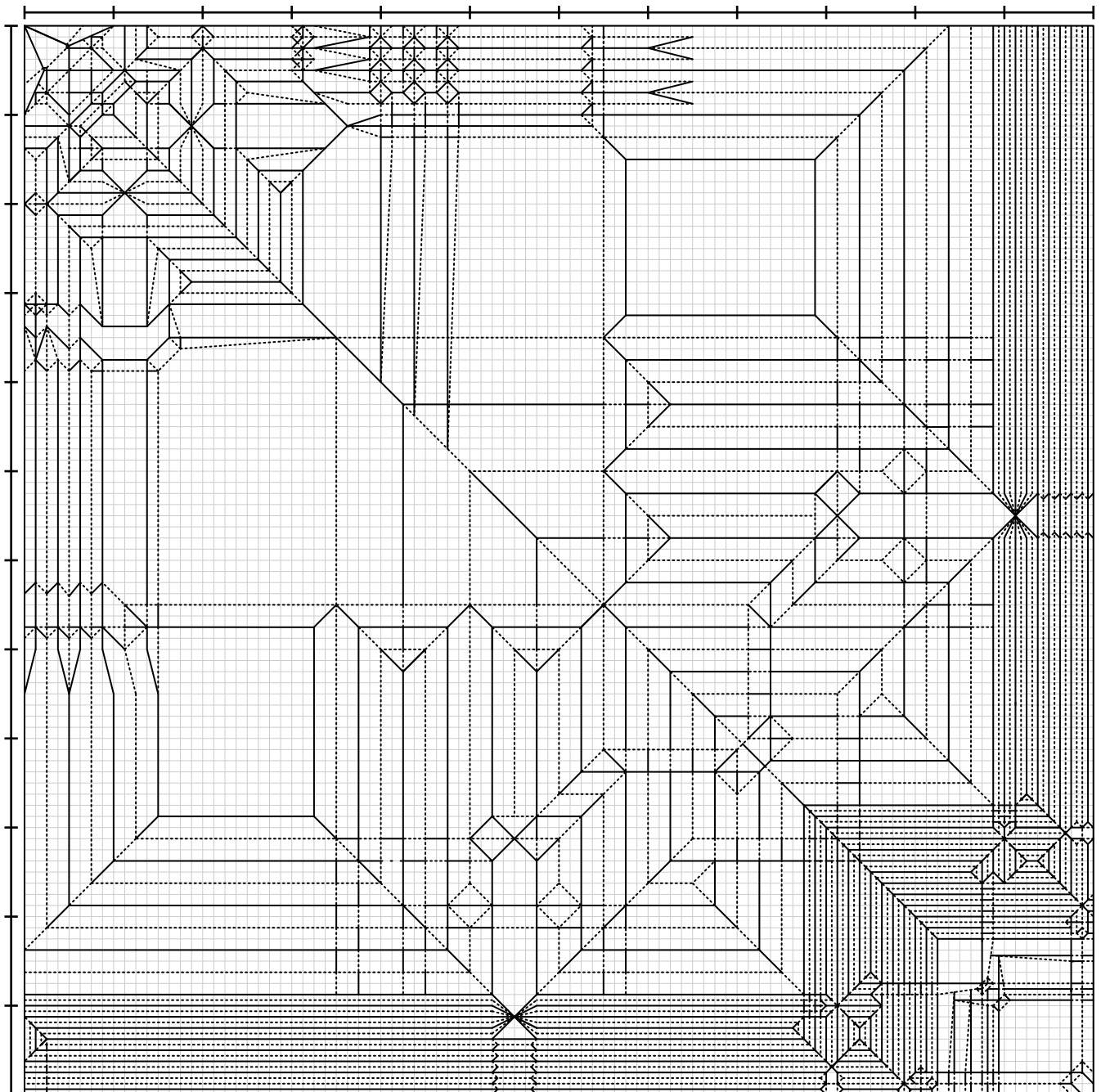
# Lich King

Le Roi Lich

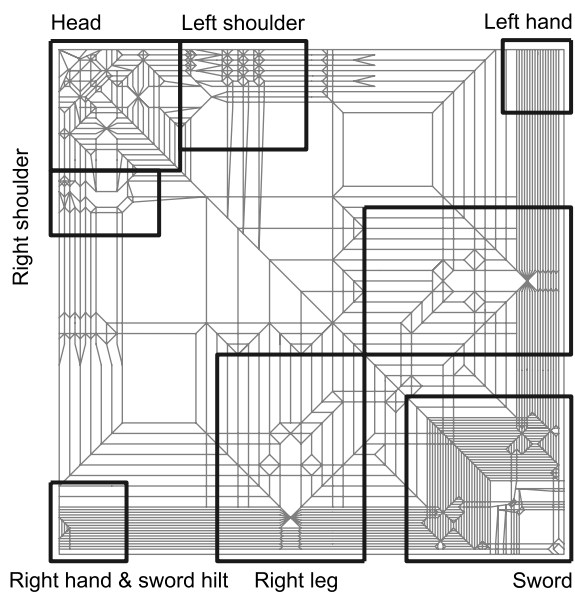
Nguyen Tuan Anh

xx/03/2010

Level / Niveau : ★★★★★★  
Time to fold / Pliage : 30hrs  
Paper size /  
Taille du papier : 100x100cm

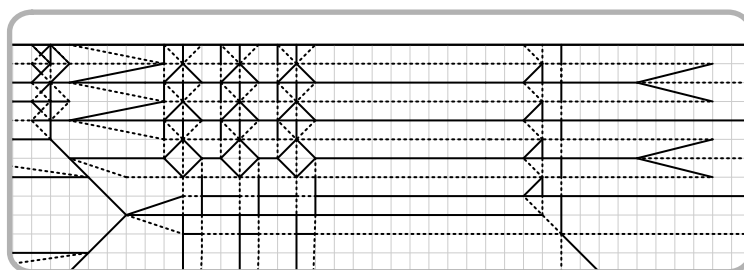
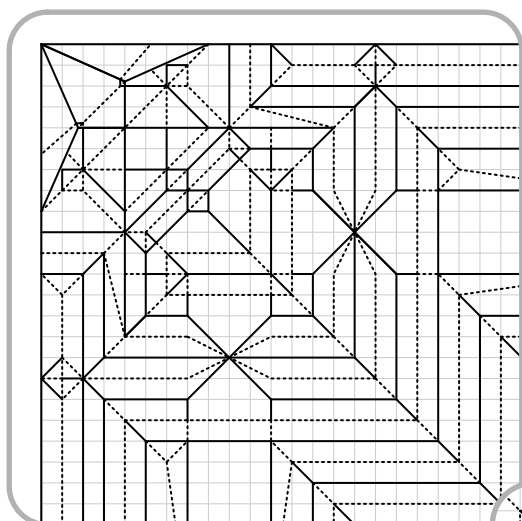






In 2009, I was very inspired with Eric Joisel's "The Lord of the Rings" series. So I thought of trying a similar subject. I started with a computer game character that I really like, Lich King from "World of Warcraft". The first version was very simple and the proportions or details were not quite right. The model shown here is the improved second version created in the beginning of 2010.

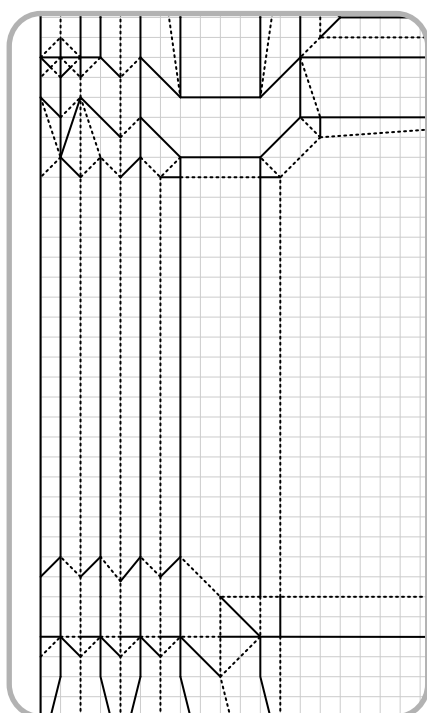
*J'ai été très impressionné par la série de modèles d'Eric Joisel "Le Seigneur des anneaux" en 2009 et j'ai souhaité m'atteler à un projet similaire. J'ai commencé avec un personnage du jeu que j'aime vraiment, le roi Lich dans "World of Warcraft". La première version était assez simple avec des proportions et des détails qui ne convenaient pas encore. Le modèle présenté ici est la seconde version améliorée, créée au début de 2010.*



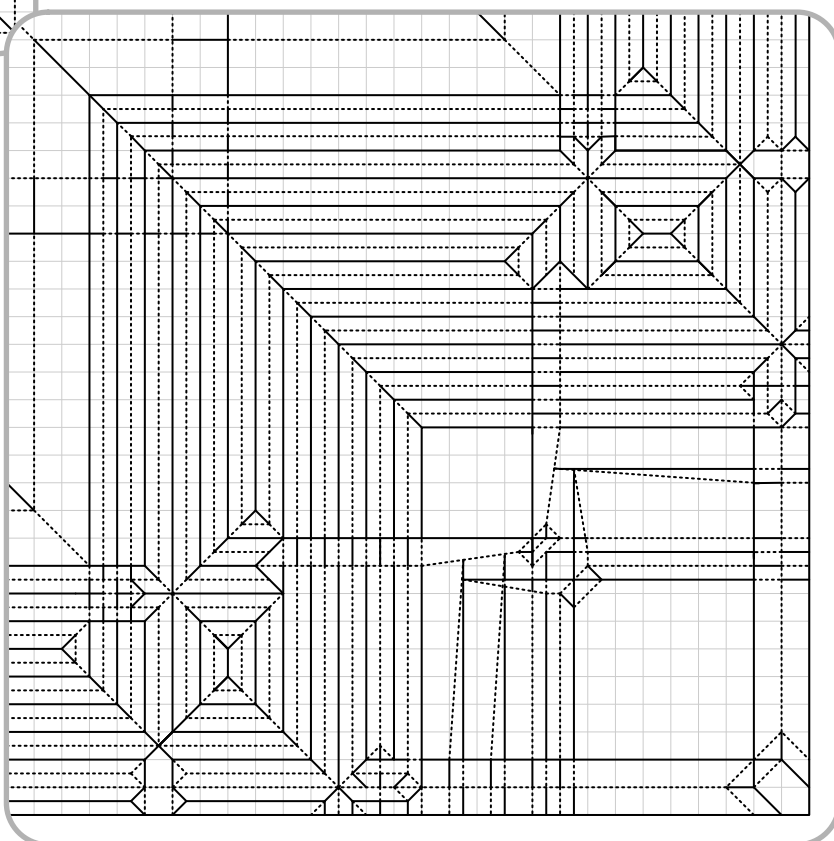
▲ Left shoulder detail /  
Détail de l'épaule gauche

◀ Head enlarged / Détail de la tête

▼ Sword detail / Détail de l'épée



▲ Right shoulder detail /  
Détail de l'épaule droite



I started by deciding that the head, hands and the sword will come from the four corners of the square. Using the box-pleating technique, I folded the head and the sword separately a few times to study the appropriate proportion. The hands and fingers were simpler to create. Notice that the sword handle comes from the right hand portion, not from the sword itself.

The most difficult and time-consuming part was to arrange each of those parts on a square piece of paper. The extra paper was used for the coat. The first version was completed.

Not satisfied with the result, I continued to improve it for the second version by changing the proportion of the head and adding the legs. At the moment, I am satisfied with the result but might try new versions in the future.

Good luck solving the CP and happy folding!

*Au départ, j'ai choisi de placer la tête, les deux mains et l'épée dans chacun des coins du carré. En utilisant la technique du box-pleating, j'ai plié la tête et l'épée séparément, à plusieurs reprises, pour trouver les bonnes proportions. Les mains et les doigts furent plus simples à créer. Vous remarquerez que la poignée de l'épée vient de la partie droite, et non pas de l'épée elle-même.*

*Le plus difficile fut d'organiser ces différentes parties sur le carré de papier et ce fut un travail de longue haleine. Un volet supplémentaire a été utilisé pour la cape. J'ai ainsi achevé la première version du modèle. Peu satisfait du résultat, j'ai continué à l'améliorer en modifiant les proportions de la tête et en ajoutant les deux jambes. Je pense tout de même essayer de créer de nouvelles versions dans l'avenir.*

*Bonne chance pour résoudre le pliage du CP et bons plis!*



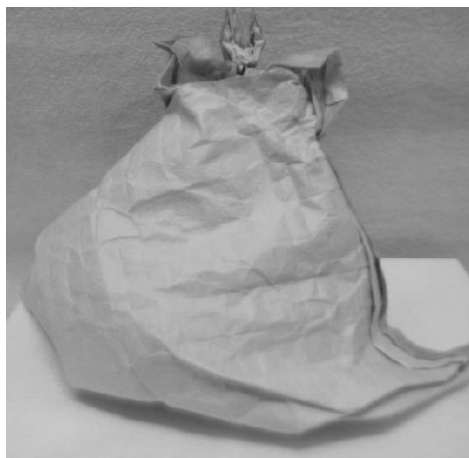
▲ Collapsing and shaping / Formation et modelage.



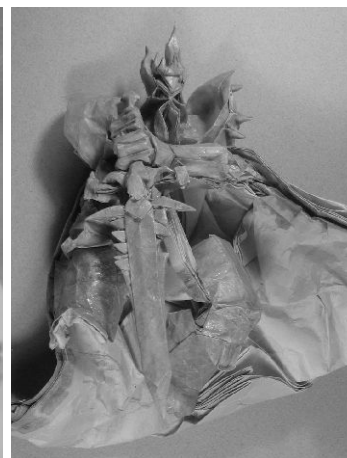
▲ Right leg, hand and sword /  
Jambe droite, main et épée.



▲ Head, left hand and shoulder /  
Tête, main gauche et épaule.



▲ Back view / Vue arrière.



▲ Bottom view / Vue du dessous.



Level / Niveau : ★★★★★  
Time to fold / Pliage : 5h  
Paper size /  
Taille du papier : 60x60cm

# Swordman Samourai

Dang Viet Tan

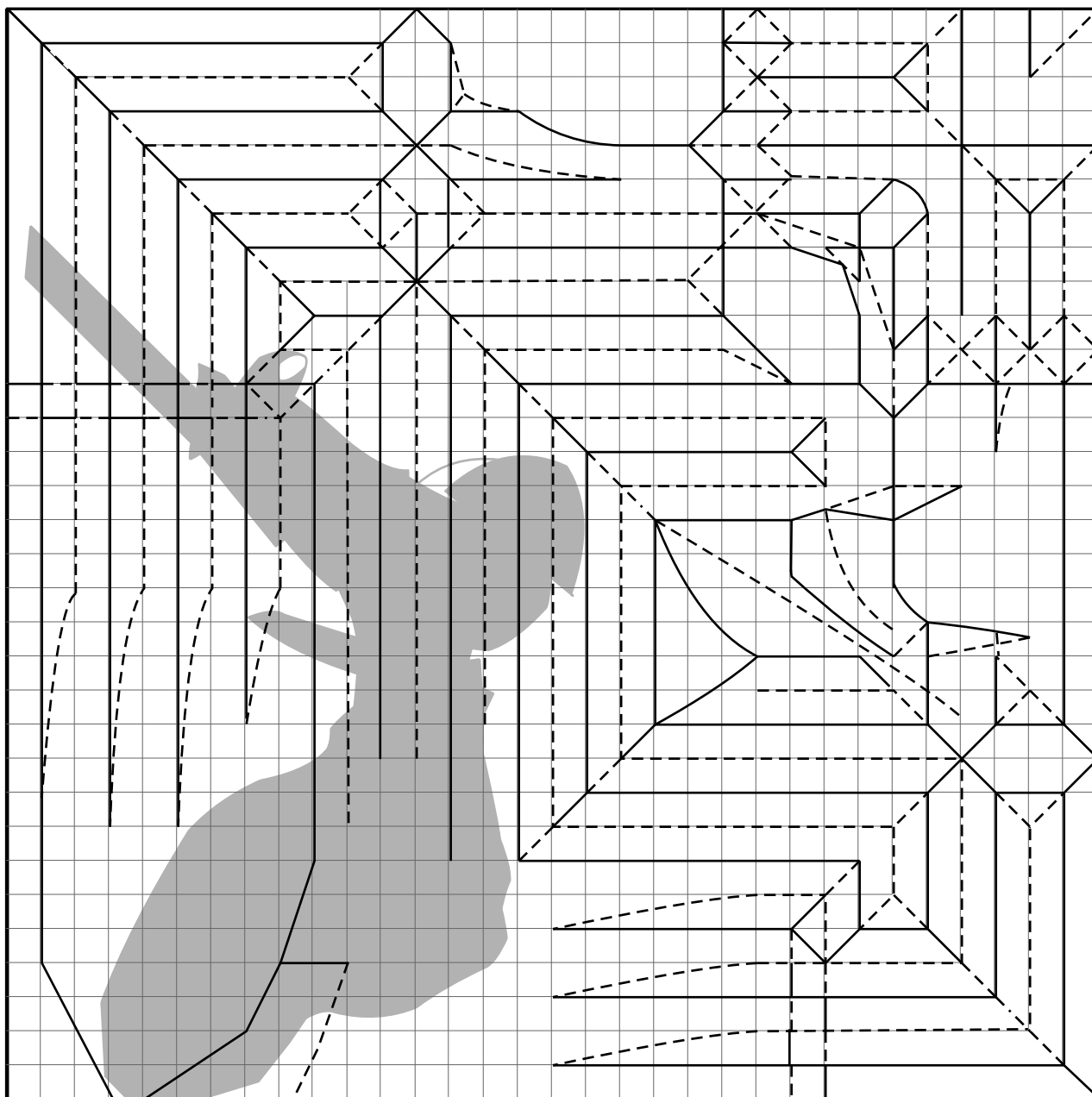
23/01/2010



This model was designed in August 2009 and displayed at the JOAS convention 15. The idea came from the image of the last death blow to finish the opponent of ancient sword-men. It is a combination of box pleating 32x32 and 3d folds. It is pretty complex, but I hope you will enjoy folding it.

*Ce modèle a été créé en août 2009 et exposé à la convention JOAS n°15. L'idée est venue de l'image du coup de grâce donné par les samourais à leur adversaire. Le design est un mixte entre la technique du box-pleating sur une grille de 32x32 et de plis réalisés en 3D. Il est assez complexe, mais j'espère que vous apprécierez de le plier.*

0.791



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## Informations

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