

おりがみはうす ガレージブックシリーズ 7

# 西川誠司 作品集

Works of  
Seiji Nishikawa

西川誠司・著

山口 真・編 立石浩一・英訳

Model Designer : Seiji Nishikawa

Editor : Makoto Yamaguchi

Translator : Koichi Tateishi



ドラゴン / Dragon (P.28)



魔女 / Witch (P.10)



マーメイド / Mermaid (P.16)



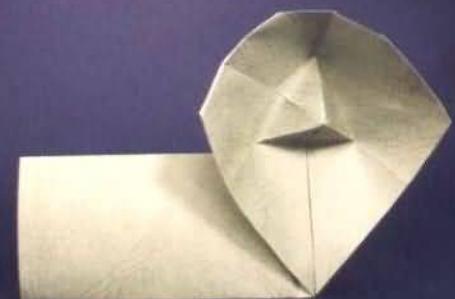
鳥獣戯画の蛙 / A Frog in "Choju Giga (Frolicking Birds and Animals)" (P.44)



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カニ / Crab (P.142)



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シャチ / Grampus (P.148)



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キリン / Giraffe (P.72)



縞のあるトラ / Tiger (with Stripes) (P.115)



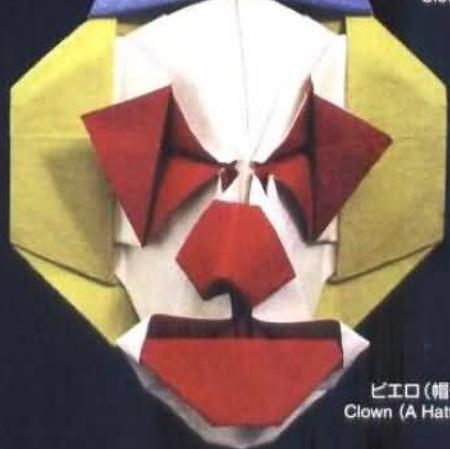
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ピエロ(フリルバージョン) /  
Clown (A Frilled Version) (P.178)



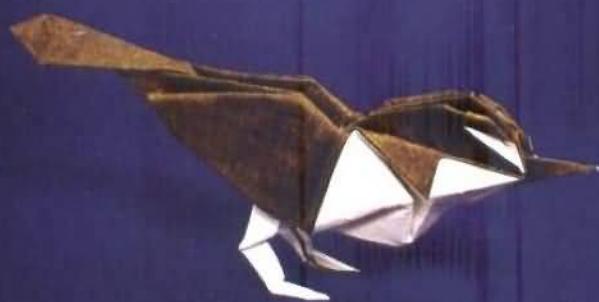
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ピエロ(帽子バージョン) /  
Clown (A Hatted Version) (P.178)



シェバード / Shepherd (P.85)



セキレイ / Wagtail (P.126)



プードル / Poodle (P.90)



はくちょう座 / Cygnus (P.169)



わし座 / Aquila (P.167)



こと座 / Lyra (P.171)



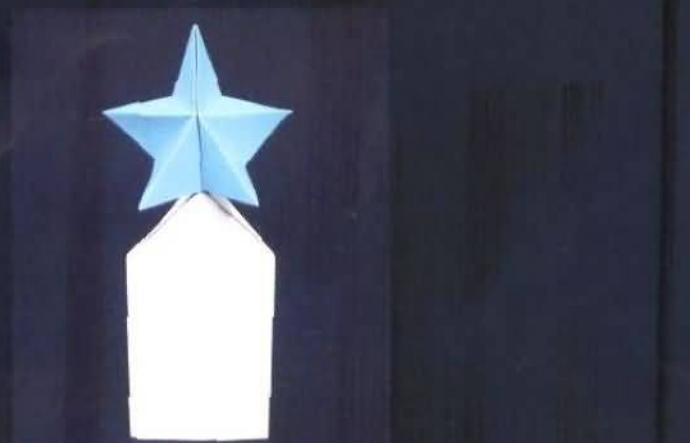
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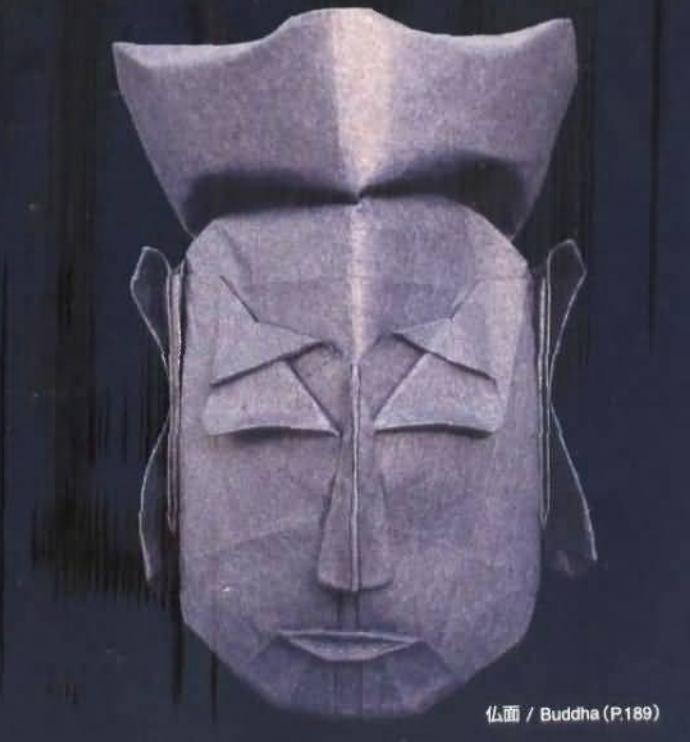
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仏面 / Buddha (P.189)

## まえがき Foreword

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本書に収載した作品はその創作年が1977年から1998年と20年以上にわたっています。この約20年間というのは、私にとって折り紙を通じて本当にかけがえのない体験を重ねた充実した年月です。この間に作品に何らかの進歩が見受けられるかどうかは別にして、こうしてあらためて気に入った作品を眺めてみるとそれぞれに思い出があって感慨無量です。作品は動物、空想上の生き物、宇宙などのテーマを中心に選んでいます。おりがみはうす刊の「折紙図鑑・昆虫I」（川畠文昭・西川誠司共著）の昆虫作品と併せて楽しんでいただけると幸いです。

ところで、自作を眺めて大きく2つの傾向に気がつきました。ひとつはインサイドアウト作品が多いことです。表裏を上手く活用することに関心を向けるこの技法は、近代折り紙の重要な特徴ではないでしょうか。この技法なしに作品作りがほとんど成立しない自分を再認識しました。もう一つは折り出しの感覚を重視している点です。本書に収載のカニ、キリン、ライオン、パンダ（胴体）など、折り出しの非常に早い段階の形に魅力を感じて折り進めていることをハッキリと思い出しが出来ます。

折り紙の魅力にとりつかれてからすでに30年以上の月日を数えますが、自分の作品だけで一冊の本を作ることが出来るとは、考えてみれば何という幸運でしょう。紙を手にしてあれこれ折って何か新しい形を作つてみると、それを折り図（しかも多くの人が十分再現可能なステップに細分化して）に仕上げることの間には大きな隔たりがあります。作品と折り図が有つても、それを出版物に出来るかどうかというところにも大変な隔たりがあります。本書は、作品：西川誠司、作図：おりがみはうす、編集：山口真さん、というように、本作りの一番大変なところを、山口真さんとおりがみはうすのスタッフの皆さんの尽力に依っています。本書の制作を決断下さった山口さんをはじめ、折図、校正、英訳など制作にご協力戴いた方々には、感謝の言葉も見つかりません。そして、本書を手にしていたい折り紙ファンの皆さんにも心から感謝いたします。

This book contains origami works I created in twenty-two years (1977-1998). This period represents my full life as an origami artist. All models bring me some good memories, so they are like a part of myself. Among works in that period, insects were already published in *Origami Insects* (co-authored by Fumiaki Kawahata and Seiji Nishikawa, Origami House), so this book and the insect book are complementary to each other.

From the creator's point of view, works in this book are notable in two points. First, so many inside-out works are included. The inside-out method using a sheet of paper colored differently on the two sides is one of the significant characteristics of modern origami. I myself would have a hard time if I did not use the inside-out method. Secondly, the flavor of my works are revealed in the very early steps of folding. For example, the basic skeletal shapes of many works (like Crab, Giraffe, Lion, and Panda) can be already grasped after only a few steps at the beginning. Perhaps the early steps and outputs are one of the most attractive parts of creation of origami works for me.

This is the first book which contains only origami works of mine. However, creating a book cannot in any sense be my sole work. The staff members of the Gallery Origami House, especially Mr. Makoto Yamaguchi who took responsibility of all the editorial work, did a marvelous job of putting my works into one printed book. I would like to express my gratitude to them first of all. It is also true that a book of this kind cannot be possible without origami enthusiasts all over the world, so I would like to thank them as well.

西川 誠司  
Seiji Nishikawa

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# 折り図記号 Symbols for Folding

## 折り線の種類 Types of crease lines

### 谷折り線 Valley fold



手前に折る  
Fold paper forwards

### 谷折り Valley fold

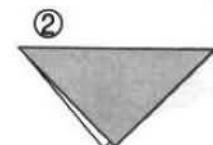


### 山折り線 Mountain fold



後ろへ折る  
Fold paper backwards

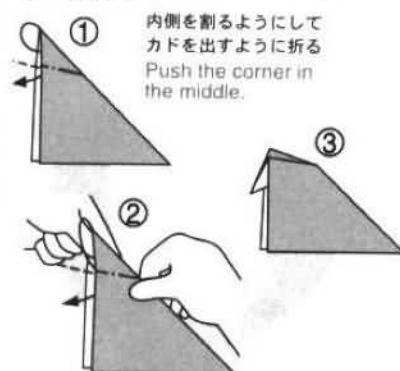
### 山折り Mountain fold



### ①

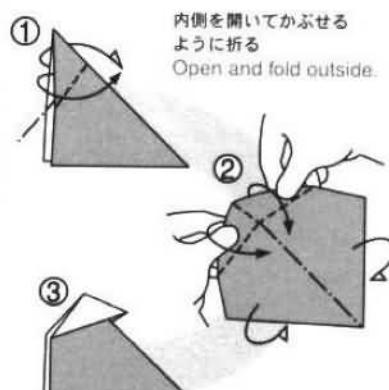
## 折り方の技法 Basic Folding Skills

### 中わり折り Inside-reverse fold



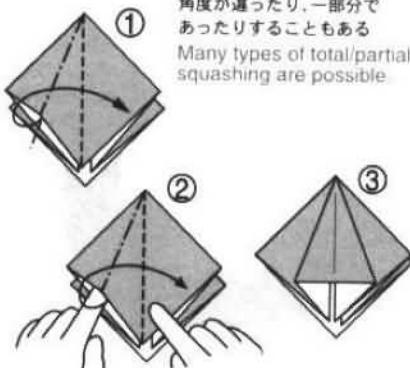
内側を割るようにして  
カドを出すように折る  
Push the corner in  
the middle.

### かぶせ折り Outside-reverse fold



内側を開いてかぶせる  
ように折る  
Open and fold outside.

### 内側をひろげてつぶすように折る Squash fold



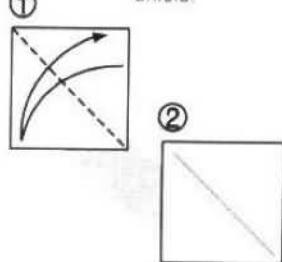
角度が違ったり、一部分で  
あったりすることもある  
Many types of total/partial  
squashing are possible.

## いろいろな記号 Symbols

### 折り筋をつける

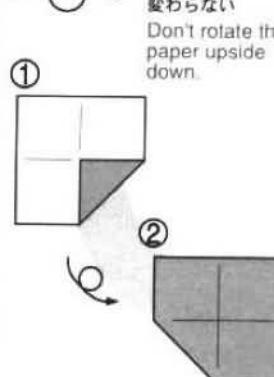
#### Making a crease line

一度折ってから戻して  
折り筋をつける  
Fold and mark a  
crease line, then  
unfold.



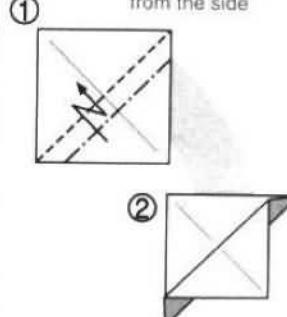
### 裏返す Turn paper over

おりがみを裏返す  
上下の位置は  
変わらない  
Don't rotate the  
paper upside down.



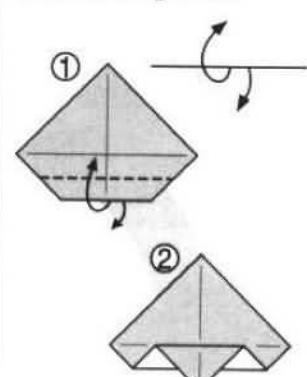
### 段折り Pleat fold

横から見ると  
段になっている  
よう見える  
Pleats are formed  
when you look  
from the side



### 下の部分を出すように折る

Release bottom flap  
when making a fold



### 次の図が 大きくなる A magnified view



### 仮想線・透視線 A hidden line

### ひろげる Open up



### 押す・つぶす Push paper in



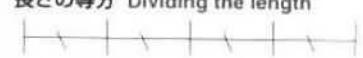
### 引き出す Pull out



### 次の図の見る位置が変わる Paper position changes (rotation)

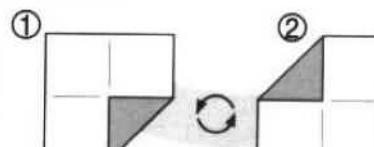
### 等分記号 Division

#### 長さの等分 Dividing the length



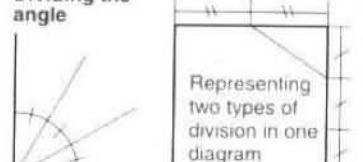
数字で表す場合もある

The ratio is often represented  
with numbers.

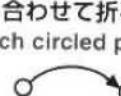


### 角度の等分 Dividing the angle

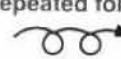
#### 1つの図で2種類の 等分を表す場合



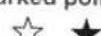
### ○と○を 合わせて折る Match circled points



### 巻くように折る Roll the flap by repeated folds



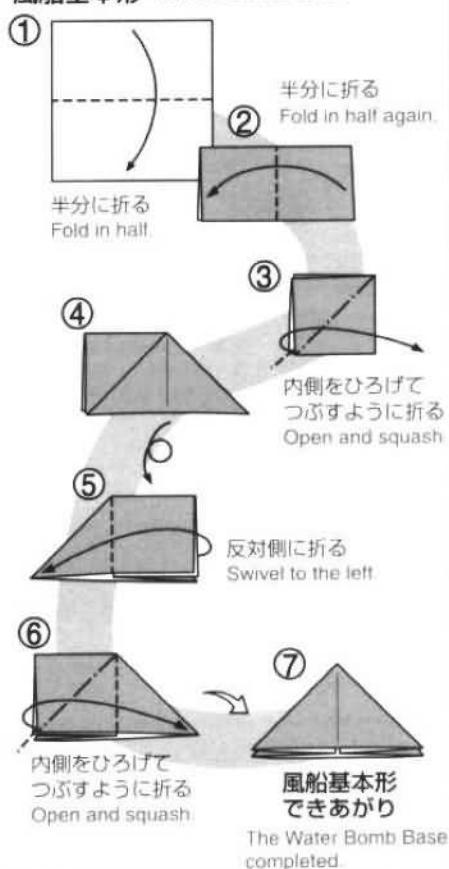
### 注意するところ Marked points



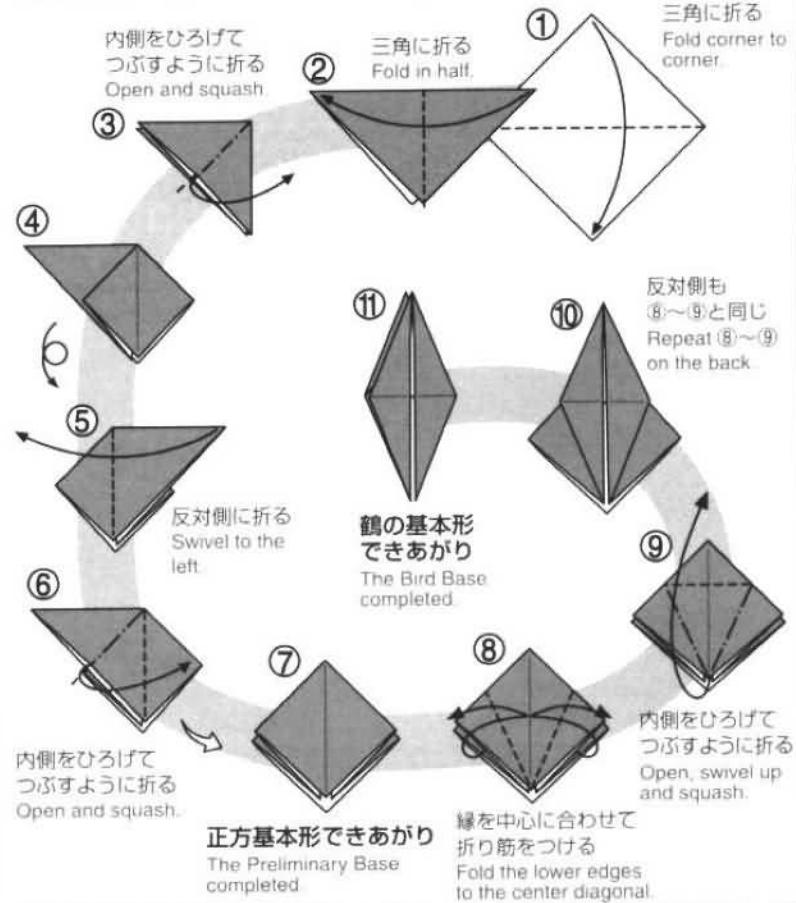
# 基本形／沈め折り Preliminary Bases and Sink

## 基本形 Preliminary bases

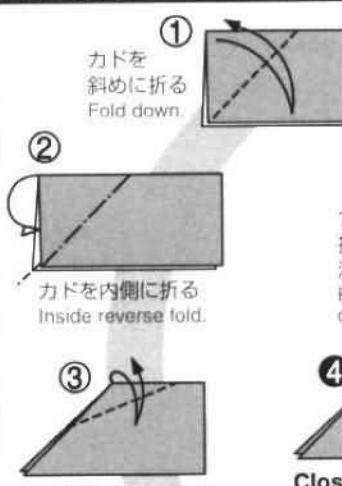
### 風船基本形 Water Bomb Base



### 正方基本形と鶴の基本形 Preliminary Base / Bird Base



## 沈め折り Open sink / Closed sink



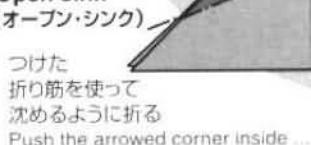
### Closed sink (クローズド・シンク)



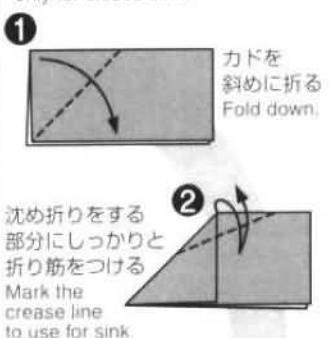
紙のひだが開いた  
(open)かたちになっている  
The layers can be reopened.



### Open sink (オープン・シンク)



ひだの形によってはclosed sink  
にしかできない場合もあります  
Certain complexes of layers allows  
only for closed sink.



紙のひだが開いた  
(open)かたちになっている  
The layers can be reopened.



### Open sink completed

つけた折り筋を使って沈める  
ように折る  
Push in the corner.

### Closed sink completed

# 西川誠司作品集

西川誠司 著

山口 真 編／立石浩一 英訳



## Works of Seiji Nishikawa

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# 魔女

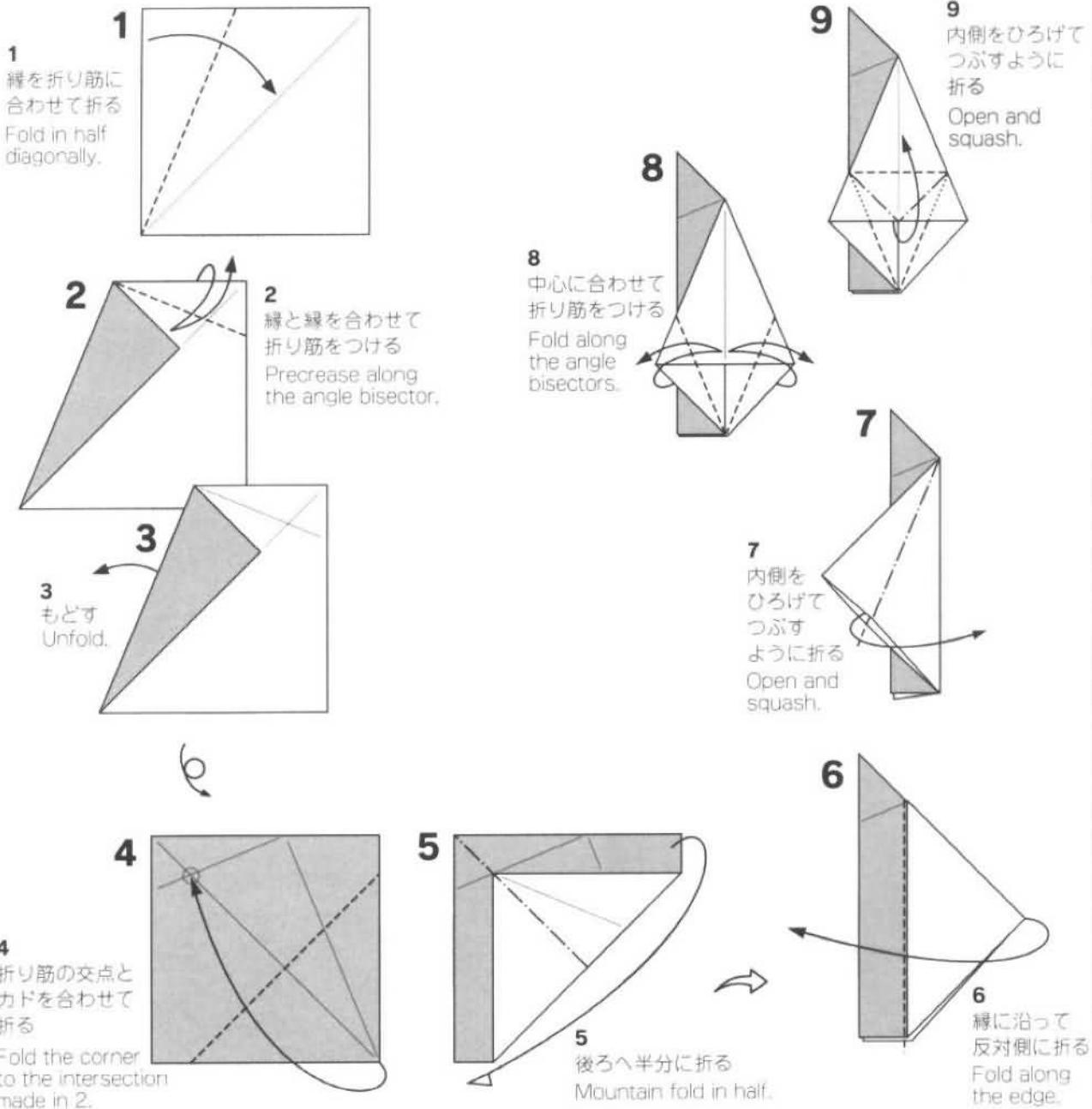
## Witch

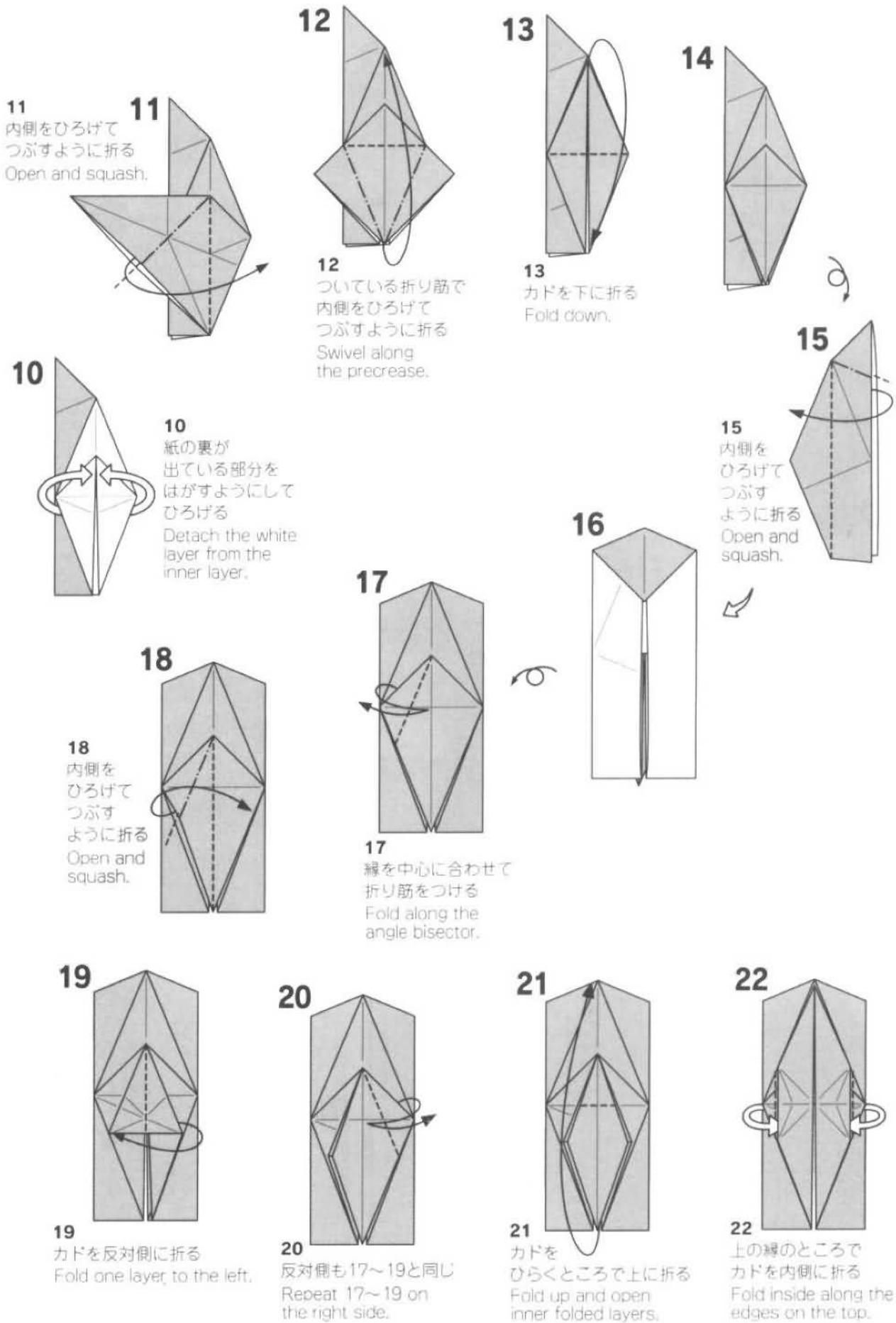
大きな袖をデザインの特徴にしました。鷺鼻を作れば、自然と“魔女顔”となります。ちょっと凝って頬を分離させたのが顔のシルエットをはっきりさせる大事なポイントになっていると思います。杖など持たせると更にそれらしくなります。

The wide sleeves and the detached jaw, not speaking of the hooked nose, make this work witchlike. Let her hold a staff for a better result.

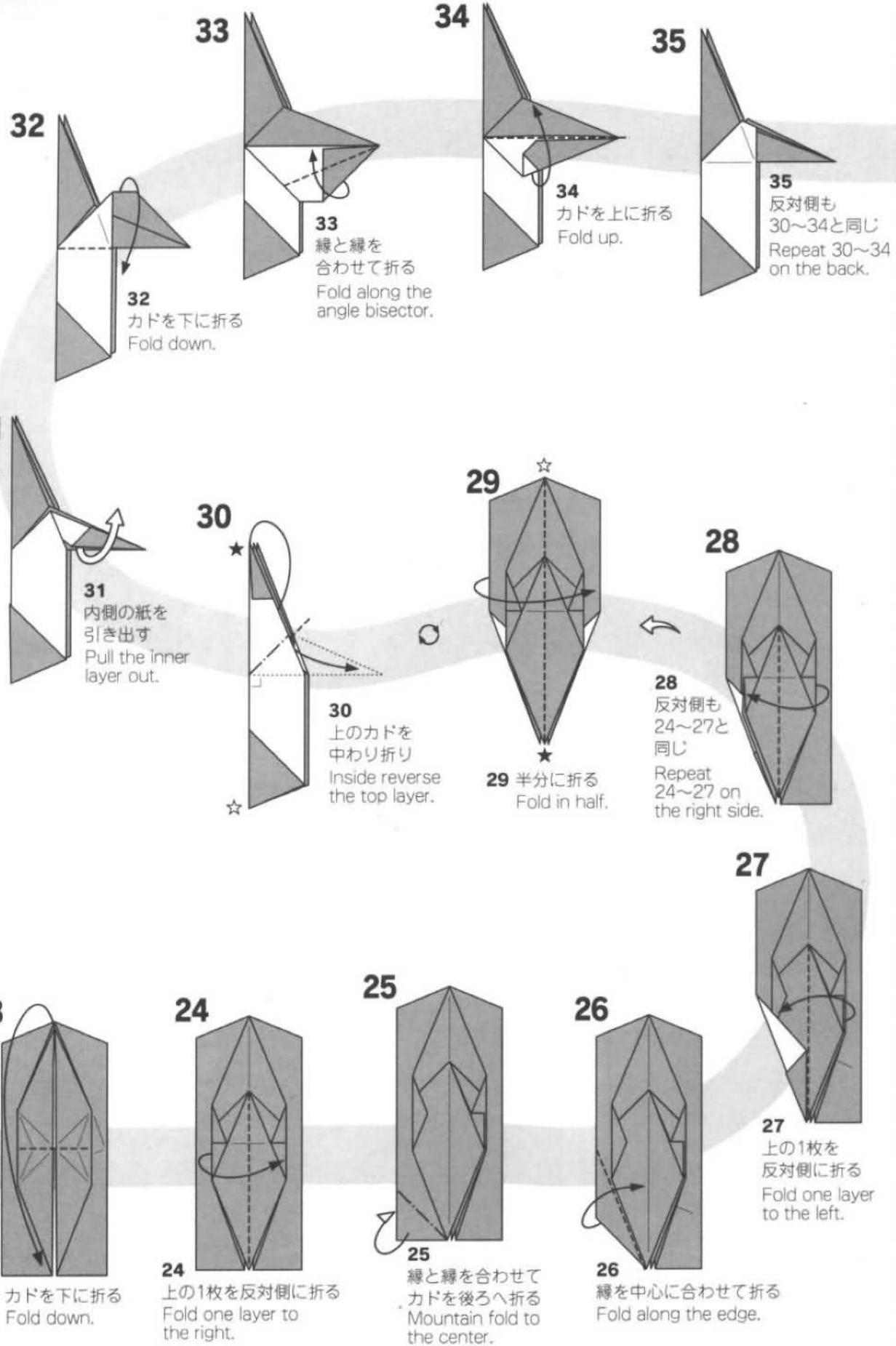


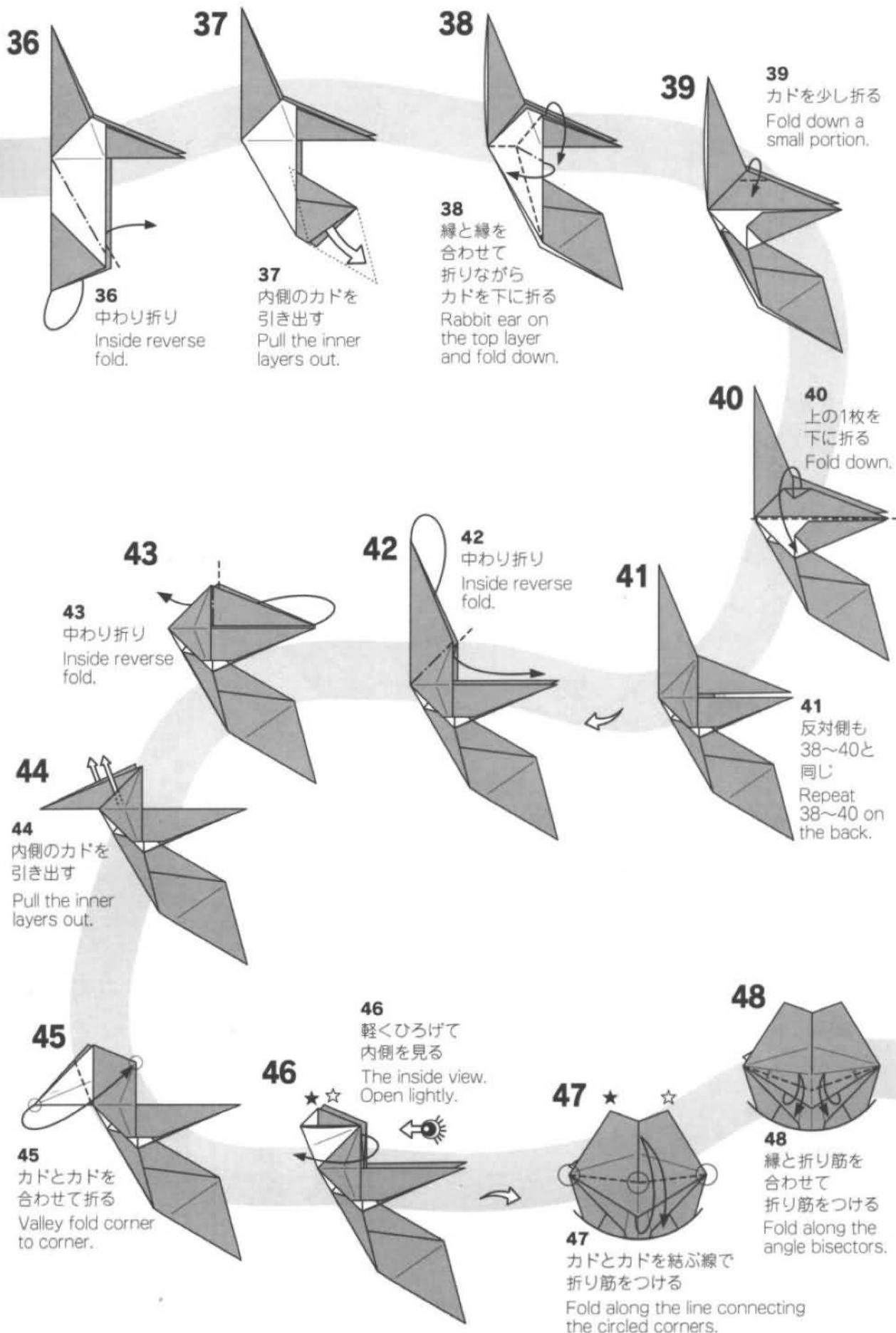
Created 1991 Paper 不切正方一枚折り: 1 piece



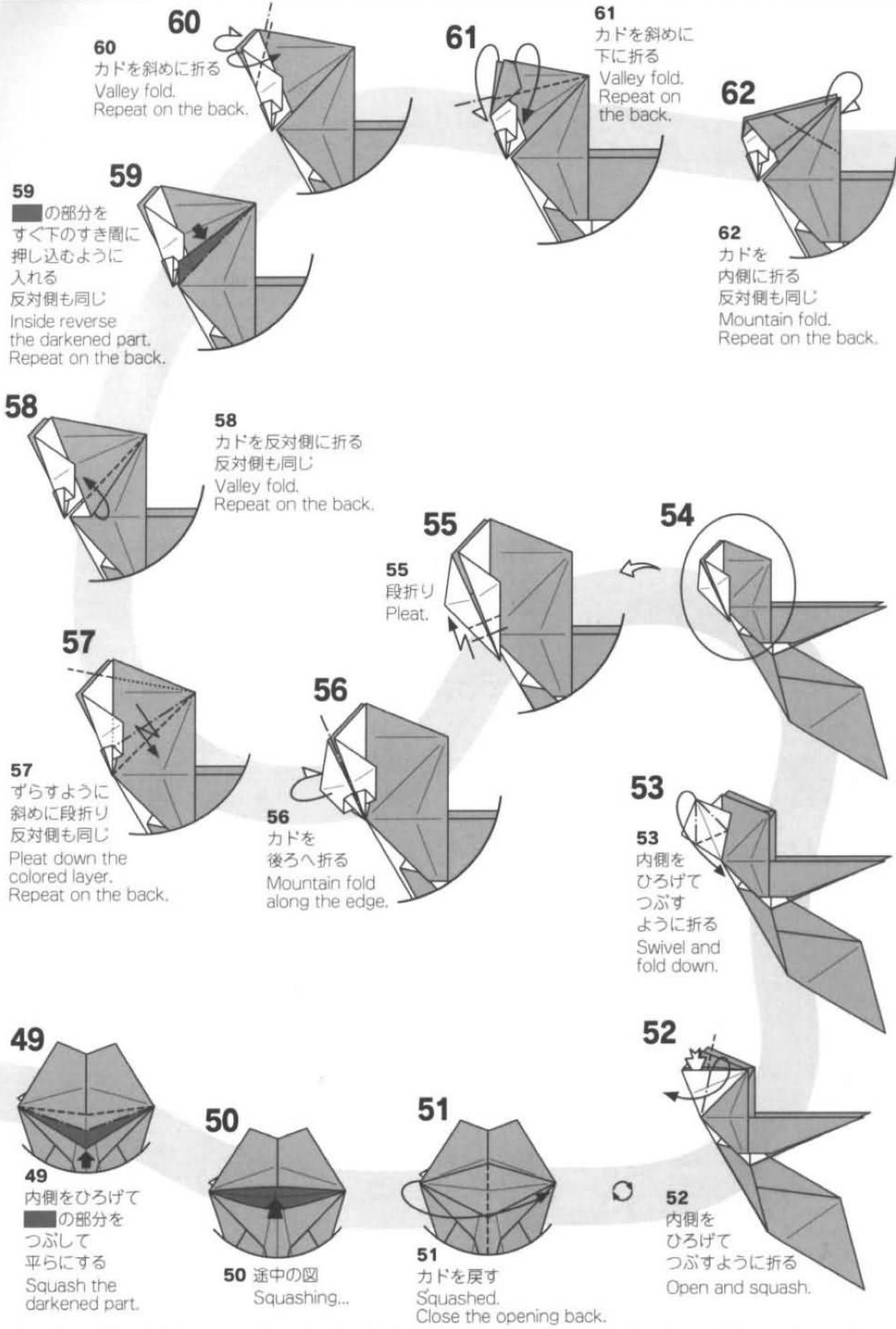


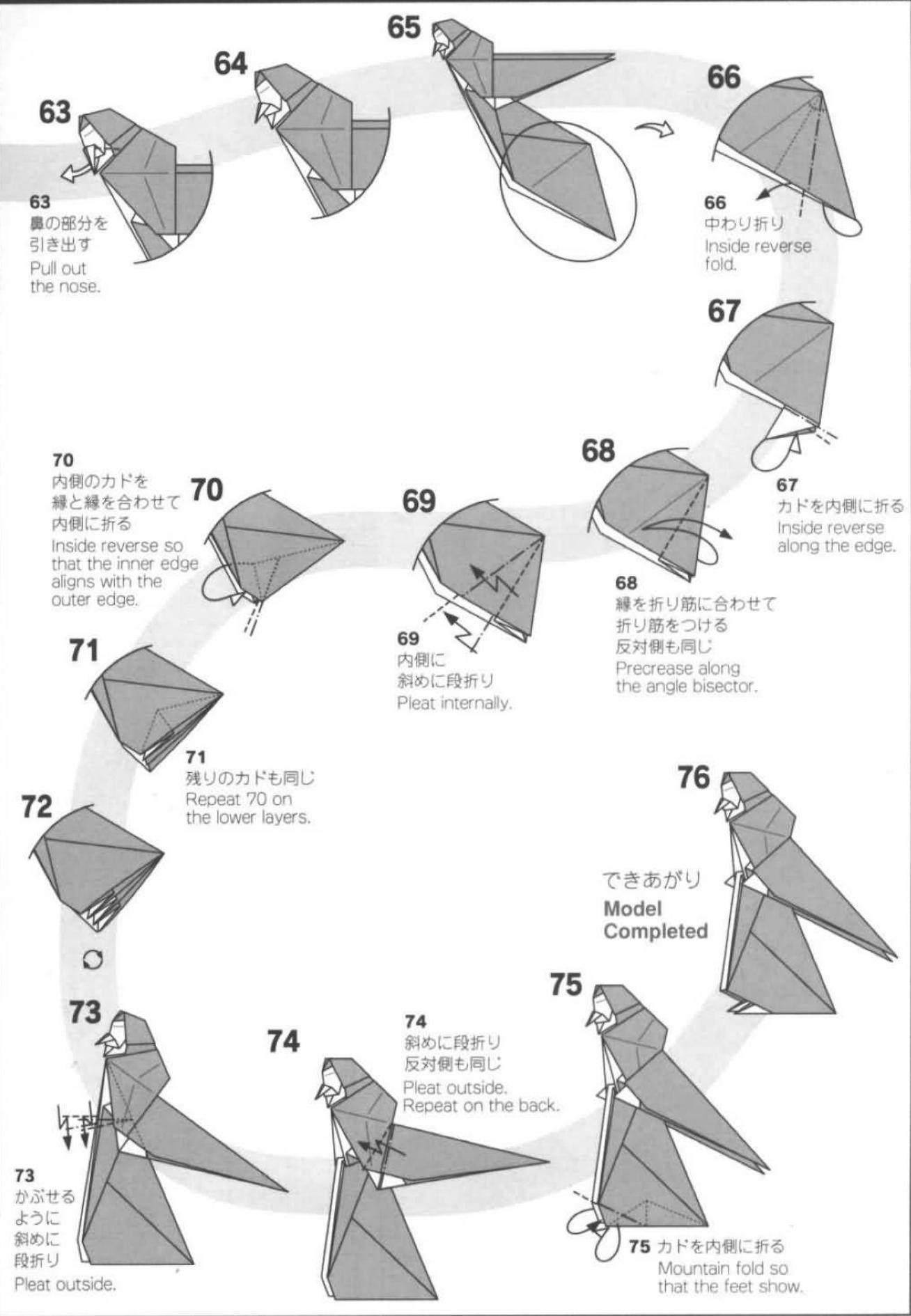
# 1 ファンタジー／魔女





# 1 ファンタジー／魔女





# マーメイド

## Mermaid

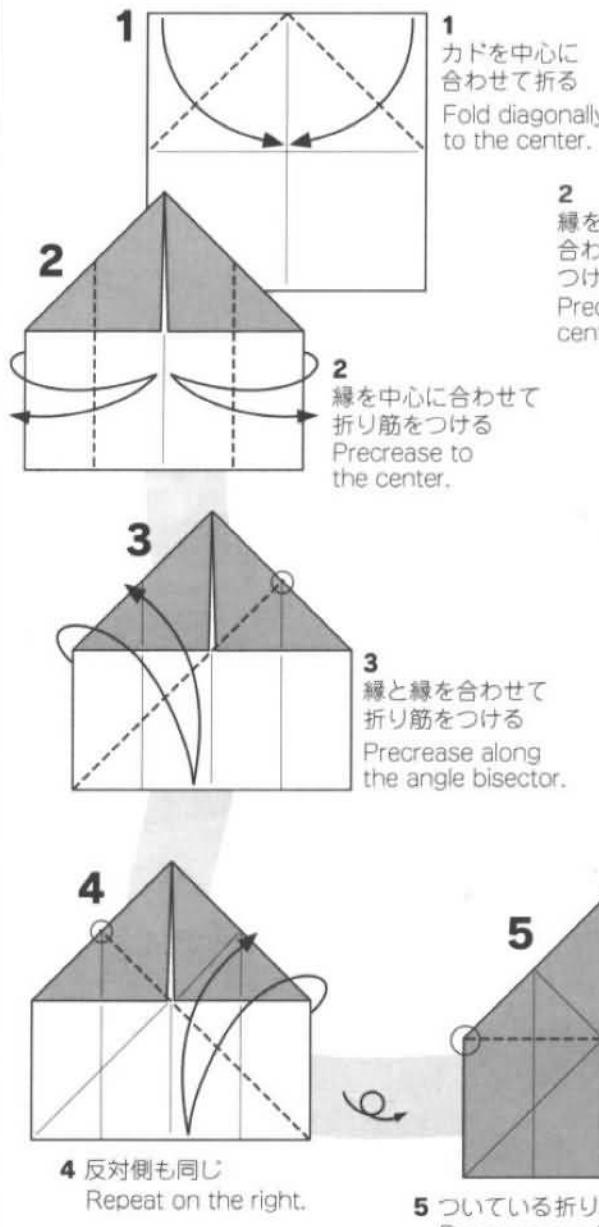
人魚の髪が水中で腕にからみつくようになびく。頭の中で“これしかない!”と思った形が、実際に手の中に現れたときの感動が忘れられません。構造が理解できれば2:3の長方形から1枚折りで試してみてください。小さく折ると結構かわいいですよ。

With her hair beautifully streamed in the sea current, this is the image of a mermaid I have in mind. You can try folding it from one 2:3 sheet of paper.

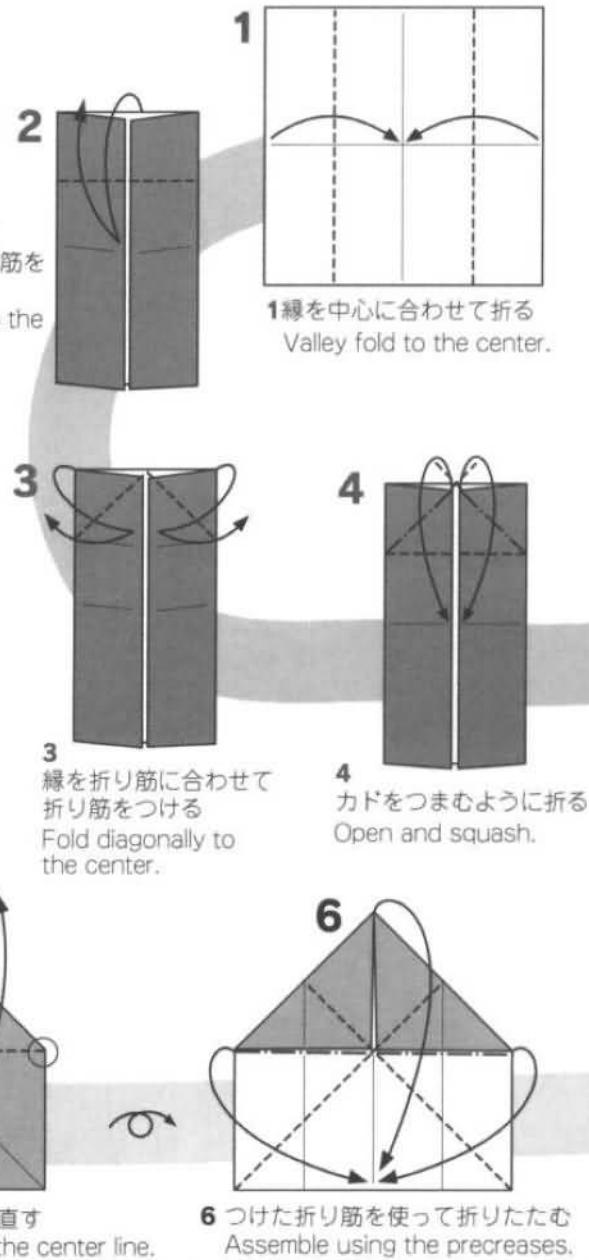


Created 1984 Paper 複合作品・2枚 : 2 pieces

### [上半身] Upper Part of the Body

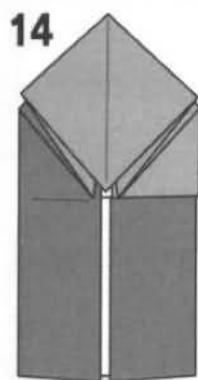


### [下半身] Lower Part of the Body

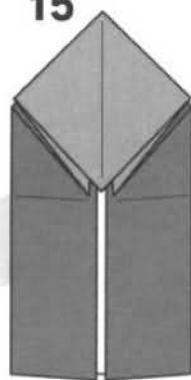


14

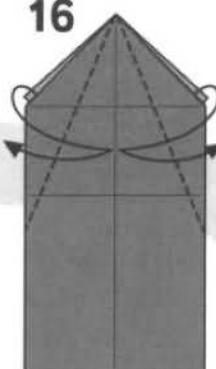
反対側も同じように  
差し込んで組み合わせる  
Repeat on the right.



15



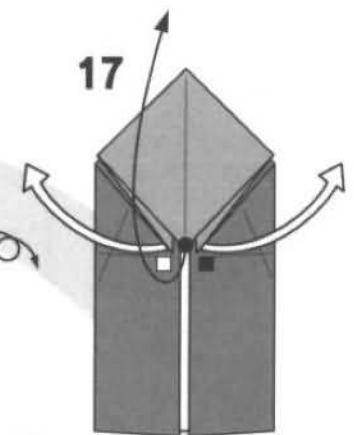
16



16

縁を中心に行わせて  
折り筋をつける  
Fold along the angle  
bisectors.

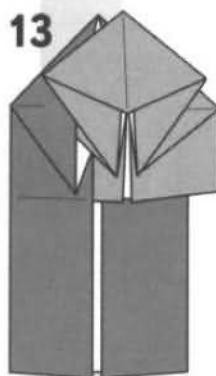
17



17

内側をひろげ●のカドを  
後ろに倒すようにして折りたたむ  
Pull up the top layer and  
open the two hidden corners.

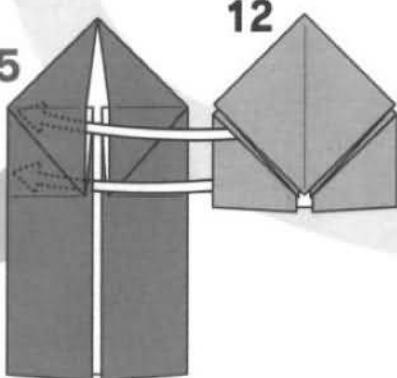
13



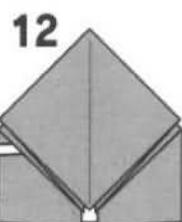
13

途中の図  
Inserting...

5



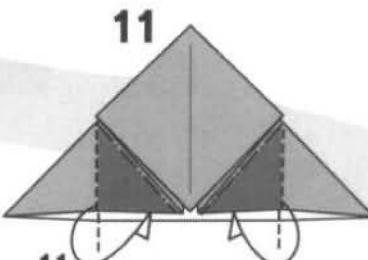
12



5

下半身のすき間に上半身を差し込む  
Insert the bottom two layers on the  
left of the upper body into the  
corresponding two pockets of the  
lower body.

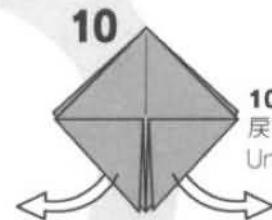
11



11

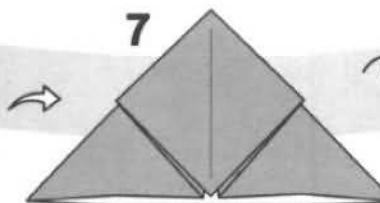
■の部分を内側に折る  
Mountain fold the darkened  
parts so that the corners  
are squashed.

10

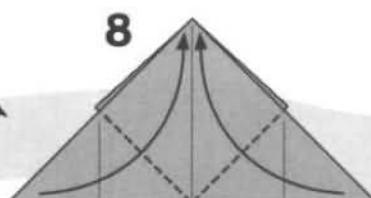


10 戻す  
Unfold.

7

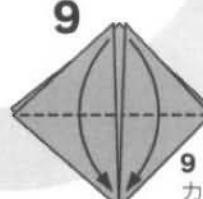


8



8 カドとカドを合わせて折る  
Fold corner to corner.

9



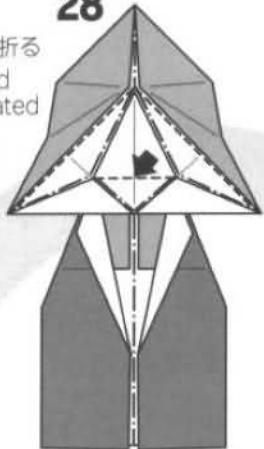
9 カドとカドを合わせて折る  
Fold down to the bottom  
corner.

# 1 ファンタジー／マーメイド

28

矢印の部分を  
押し込むようにして折る  
Push and valley fold  
along the line indicated  
by an arrow, while  
making a white bird  
base around.

28



29

途中の図

Fold the white  
bird base up  
in half.

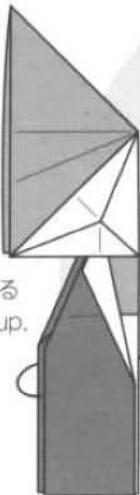
30

30

力ドを内側に折る  
Inside reverse fold.

27

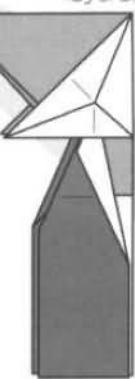
ひろげる  
Open up.



26

カドを引き上げる  
ようにして内側の  
部分を引き出す  
Pull out the hidden  
layers.

26



25

反対側も  
23~24と  
同じ  
Repeat  
23~24 on  
the back.



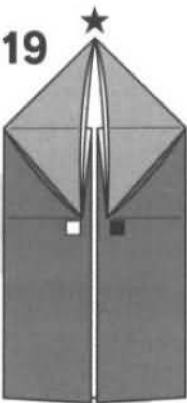
24

この部分は  
内側だけ折る

24

縁と縁を  
合わせて折る  
Fold the inner  
layer so that  
the short edge  
on the right  
aligns with  
the long edge  
on the left.

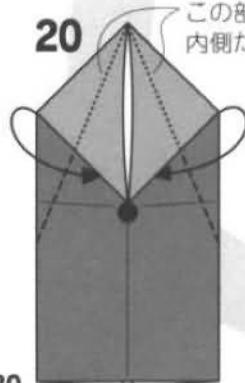
19



6

この部分は  
内側だけ折る

20



21

半分に折る  
Fold in half.



22

内側のカドを  
引き出す  
Pull out the  
inner layer.

23

縁を折り筋に  
合わせて折る  
このとき  
持ち上がって  
くる部分をつぶす  
ように折る

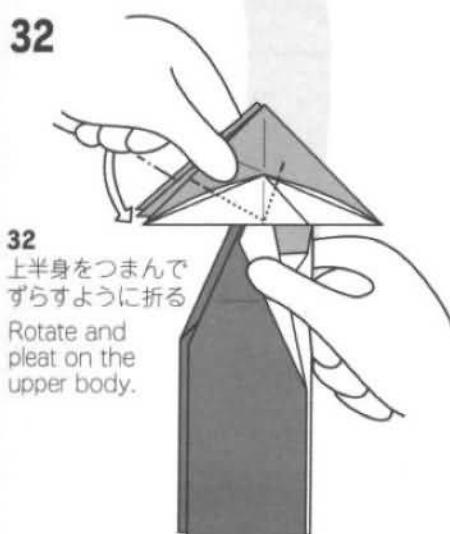
Valley fold along  
the hidden edge  
while squashing  
the hidden layer.

20

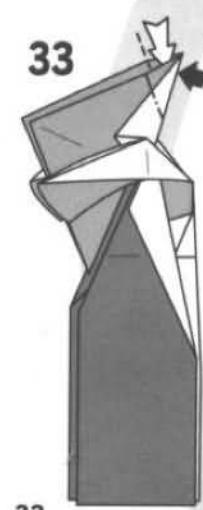
カドを中心  
に合わせて折る  
Fold only inner layers to  
the center.



**31**  
カドを少し折る  
反対側も同じ  
Fold up the inner layer a little.  
Repeat on the back.  
  
この部分は  
内側だけ  
折る



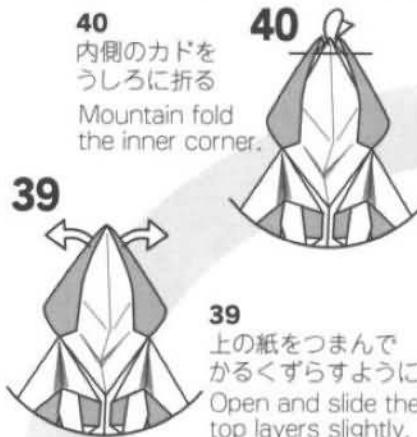
**32**  
上半身をつまんで  
ずらすように折る  
Rotate and  
pleat on the  
upper body.



**33**  
内側をひろげて  
押しつぶすように折り  
顔になる部分を  
平らにする  
Squash and mold  
the face to the taste.



**34** 途中の図  
Squashing...



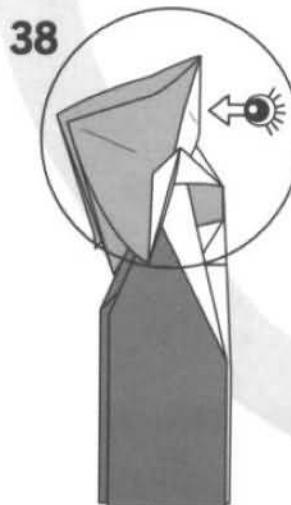
**40**  
内側のカドを  
うしろに折る  
Mountain fold  
the inner corner.



**39**  
上の紙をつまんで  
かるくずらすようにする  
Open and slide the  
top layers slightly.



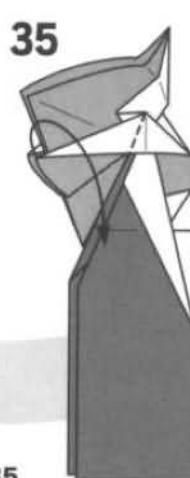
**41**  
ずらした紙を戻す  
Put back the滑ed  
layers.



**38**  
見る位置が  
変わ  
Front view.



**37**  
反対側も  
35~36と同じ  
Repeat  
35~36  
on the back.



**35**  
カドを下の線のところで折る  
Fold down along the edge.



**36**  
カドをすき間に差し込む  
Tuck the corner  
into the pocket.

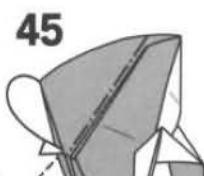
# 1 ファンタジー／マーメイド



42



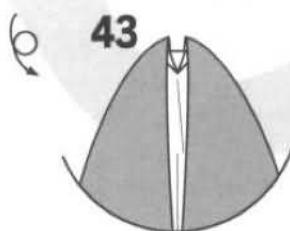
44



45



46



43

44  
カドを内側に  
折り込む  
Inside reverse  
fold.

45  
反対側も  
同じ  
Repeat on  
the back.

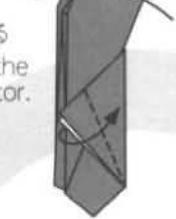
46  
中わり折り  
Inside reverse fold.



51

50  
縁と縁を  
合わせて折る  
Fold along the  
angle bisector.

50

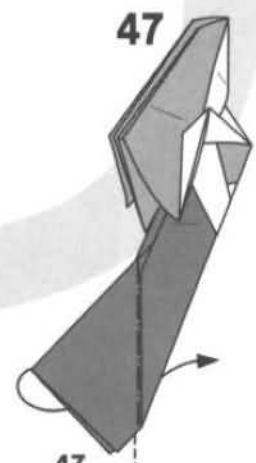


49

49  
カドを反対側に折る  
Valley fold.



48



47

縁に沿って中わり折り  
Inside reverse fold  
along the edges.



52

52  
つけた折り筋で  
内側に折る  
Inside reverse fold  
along the precrease.



54



55

55  
体をひねる  
Twist the body  
to the taste.



53

53  
つけた  
折り筋で  
内側に折る  
Inside  
reverse fold  
along the  
precrease.

54  
上の1枚を  
折り上げる  
Fold up the tail.



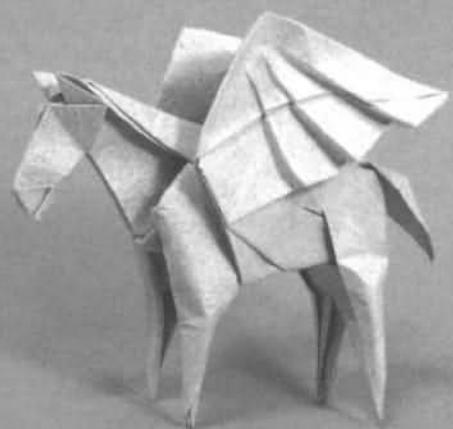
できあがり  
Model Completed

# ペガサス

## Pegasus

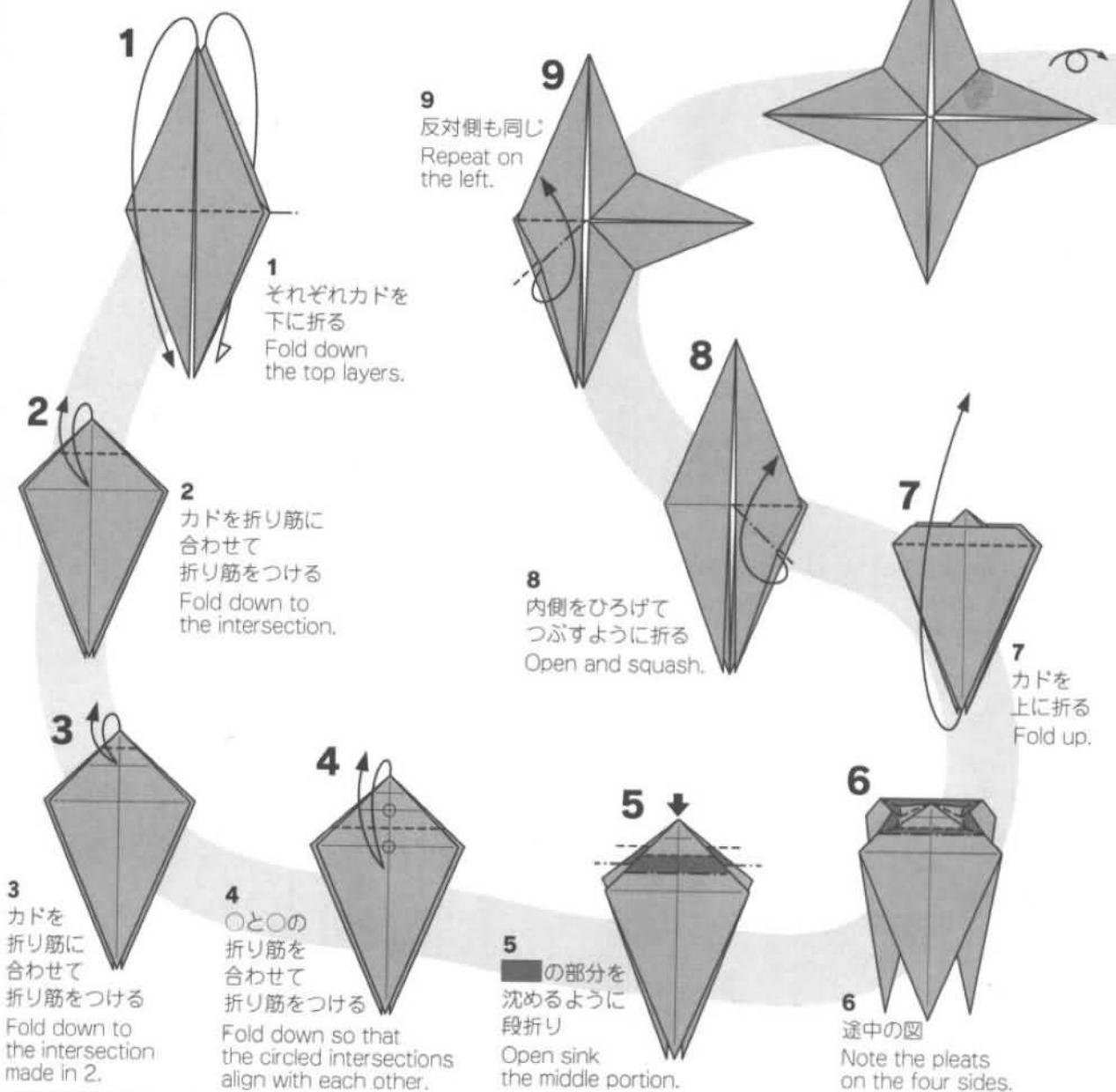
ペガサスは、馬か鳥か？ 馬に翼を付けようとして苦労していたある時、ふと鳥に足を付ければと思い至って、鶴の基本形から一気に原型ができました。鶴の背中に当たるところのボックスプリートの隙間に余分な角を差し込み、同時に後ろ足が出来る工程がお気に入り。

Structurally, this Pegasus is a bird with four legs rather than a horse with wings. Starting from a bird base, this work makes a good use of the "back of a crane" (note 56-61).

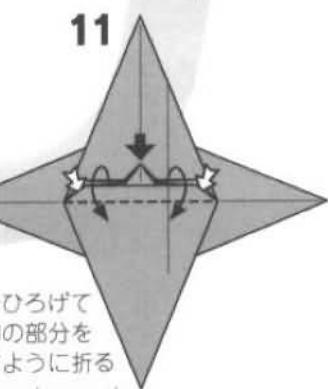
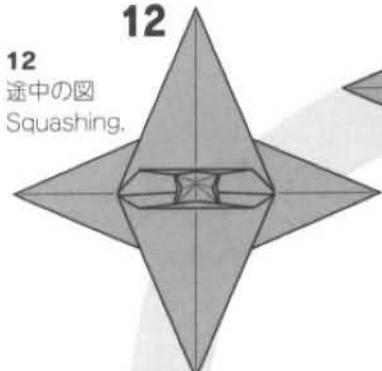


Created 1993 Paper 不切正方一枚折り: 1 piece

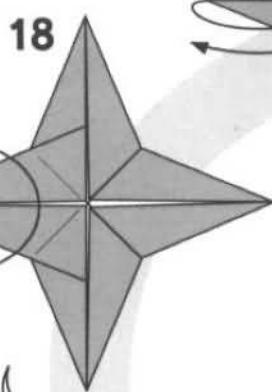
P. 8 [鶴の基本形] からはじめる  
Start with [Bird Base] (P.8)



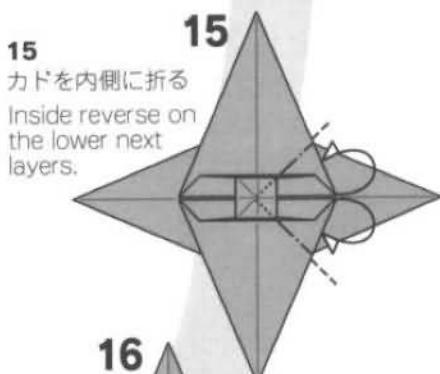
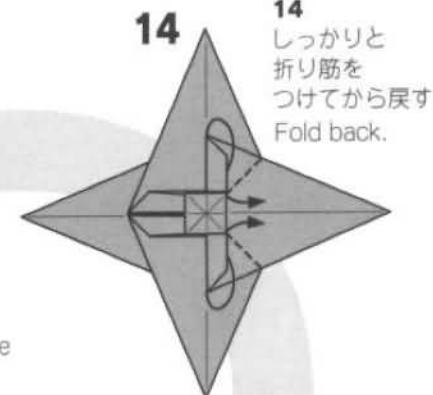
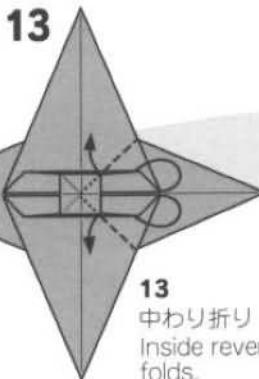
# 1 ファンタジー／ペガサス



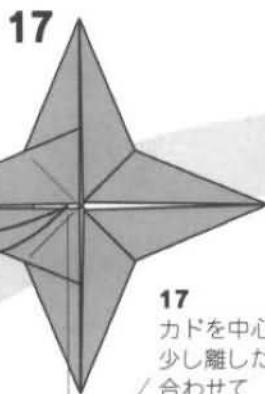
11  
内側をひろげて  
黒矢印の部分を  
つぶすように折る  
Open and squash  
the corner into  
a small square.



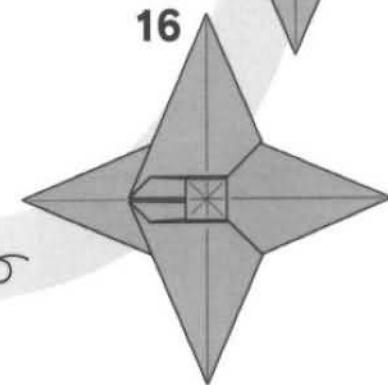
12  
途中の図  
Squashing.



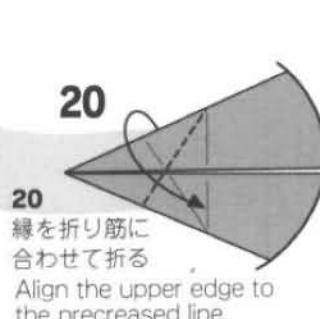
13  
中わり折り  
Inside reverse folds.



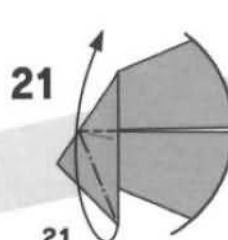
17  
カドを中心より  
少し離したところに  
合わせて  
折り筋をつける  
Fold the corner to  
the point slightly  
left of the center.



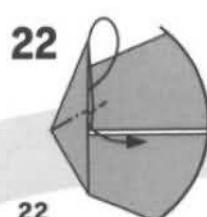
18  
カドを中心より  
少し離したところに  
合わせて  
折り筋をつける  
Fold the corner to  
the point slightly  
left of the center.



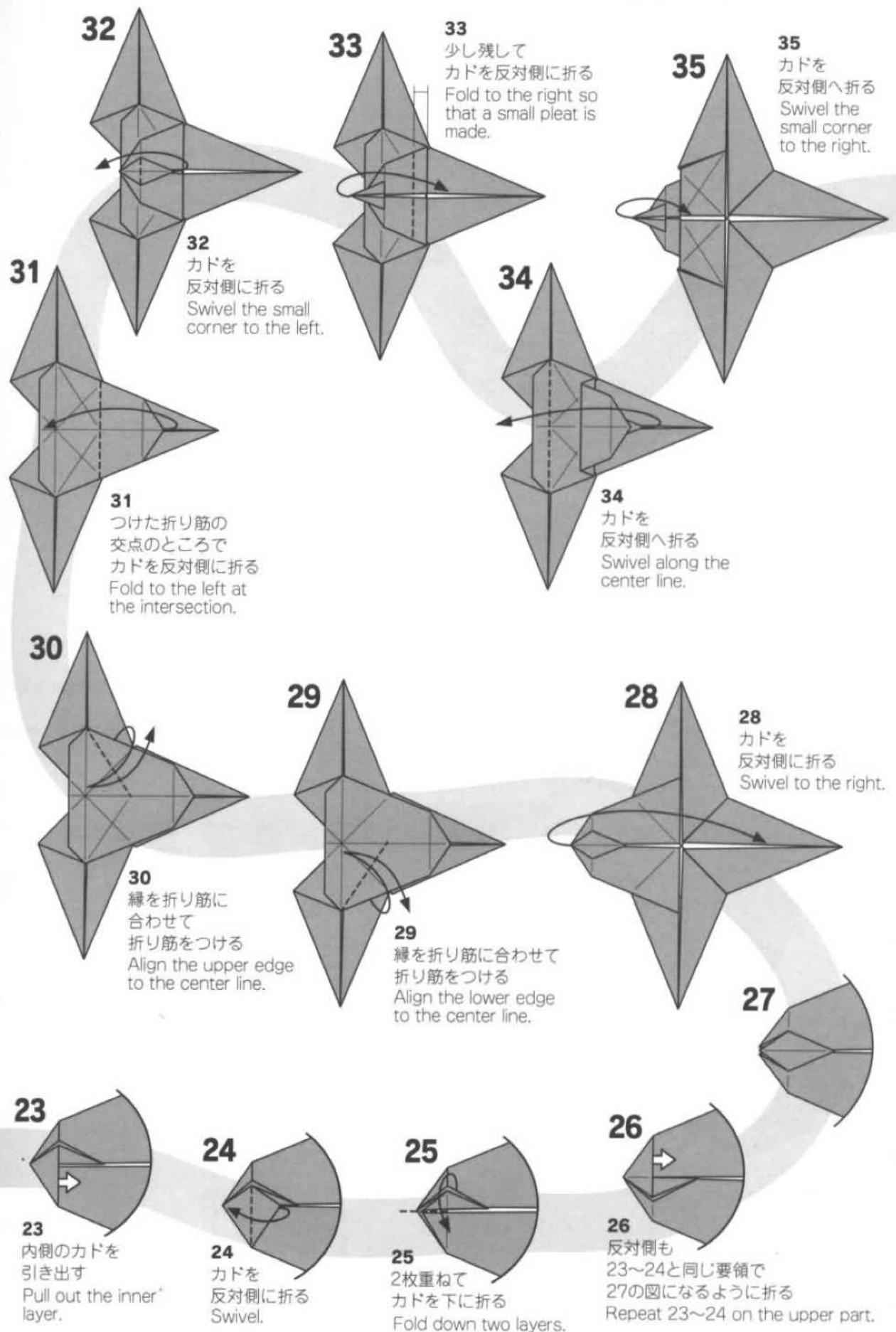
19  
縁を折り筋に  
合わせて  
折り筋をつける  
Align the lower edge to  
the precreased line.



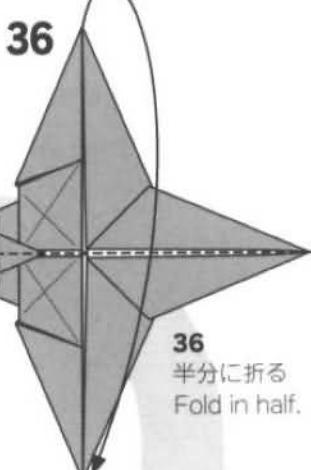
20  
縁を折り筋に  
合わせて  
折る  
Align the upper edge to  
the precreased line.



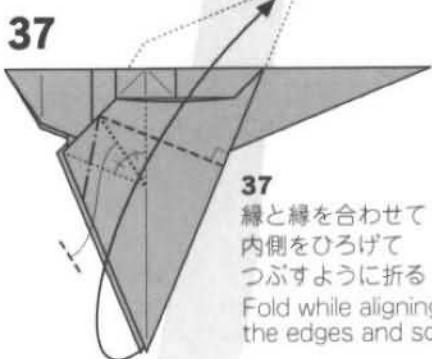
21  
カドをつまむ  
ように折る  
Rabbit ear and fold up.



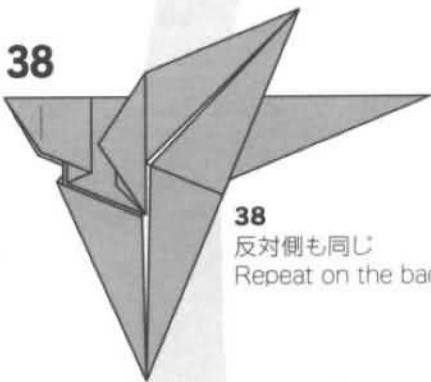
# 1 ファンタジー／ペガサス



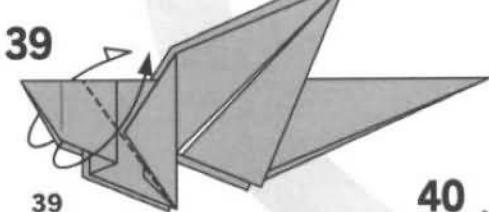
36  
半分に折る  
Fold in half.



37  
縁と縁を合わせて  
内側をひろげて  
つぶすように折る  
Fold while aligning  
the edges and squash.

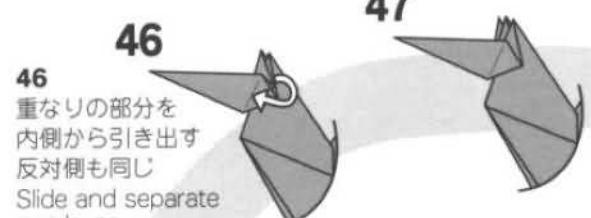


38  
反対側も同じ  
Repeat on the back.

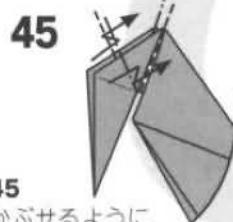


39  
かぶせ折り  
Outside reverse fold.

40  
カドを起こす  
反対側も同じ  
Bring the corner  
to the left.  
Repeat on the back.



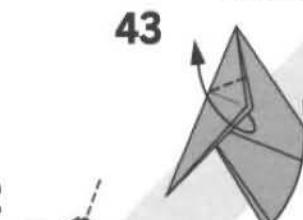
46  
重なりの部分を  
内側から引き出す  
反対側も同じ  
Slide and separate  
one layer.  
Repeat on the back.



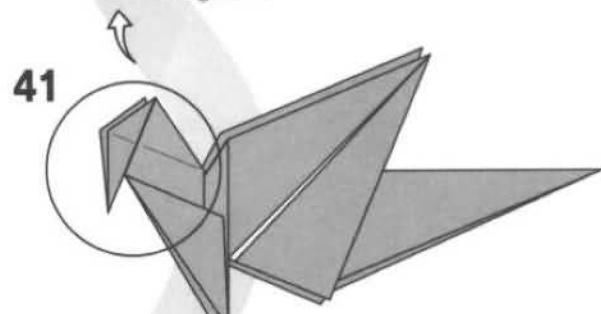
45  
かぶせるように  
斜めに段折り  
Pleat outside.



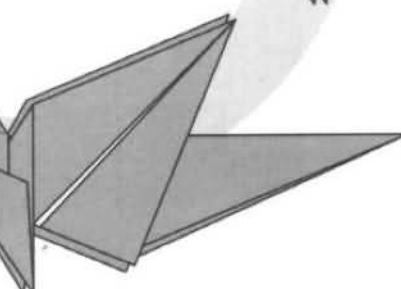
44  
しっかりと  
折り筋を  
つけてから戻す  
Unfold.

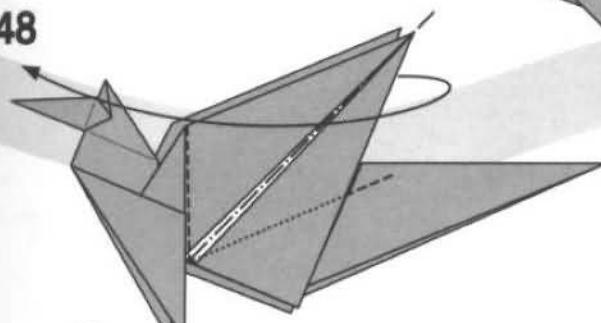


43  
2枚いっしょに  
カドを縁に合わせて折る  
Valley fold two layers  
so that the middle corner  
touches the left edge.

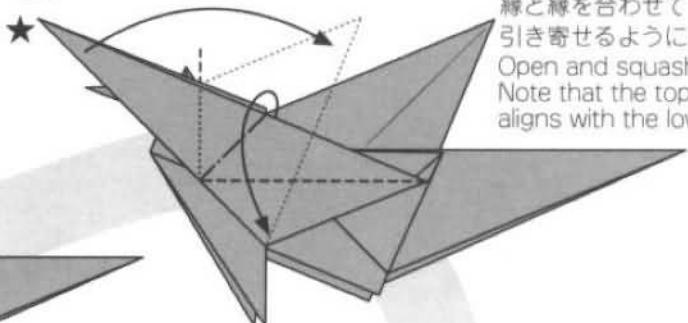


42  
2枚いっしょに  
縁のところで折る  
Valley fold two layers  
together.

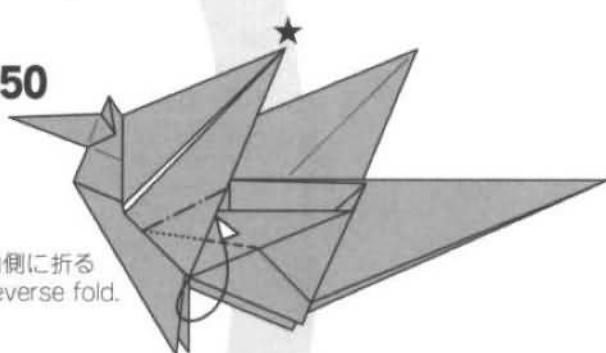


**48****48**

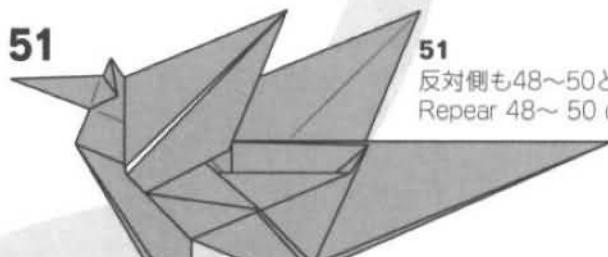
上の縁のところ  
カドをつまむように折る  
Fold a huge rabbit ear.

**49****49**

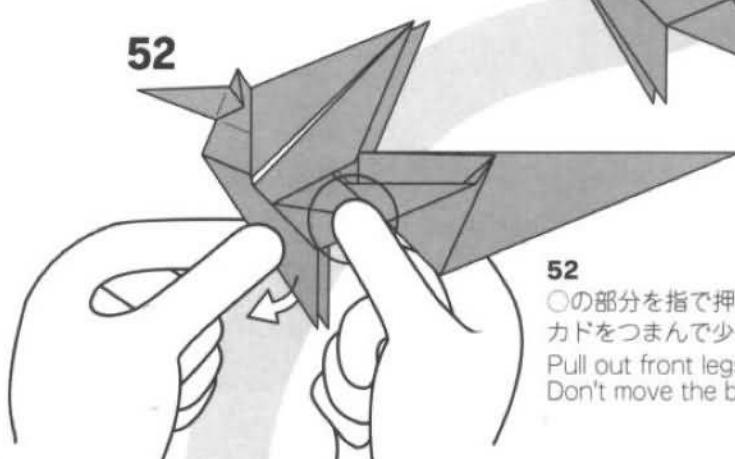
縁と縁を合わせて  
引き寄せるように折る  
Open and squash.  
Note that the top edge now  
aligns with the lower edge.

**50****50**

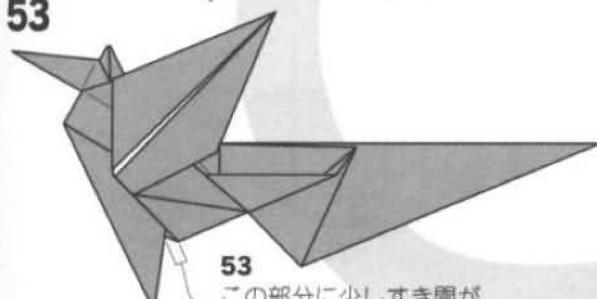
カドを内側に折る  
Inside reverse fold.

**51****51**

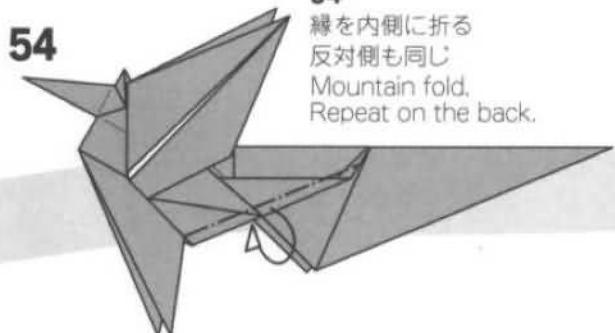
反対側も48～50と同じ  
Repeat 48～50 on the back.

**52****52**

○の部分を指で押さえながら  
カドをつまんで少し引き出す  
Pull out front legs a little.  
Don't move the body,

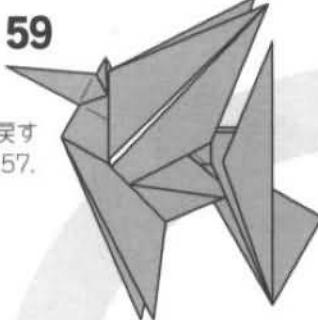
**53****53**

この部分に少しすき間が  
できるようにする  
... so that a small space can  
be seen between legs and  
the body.

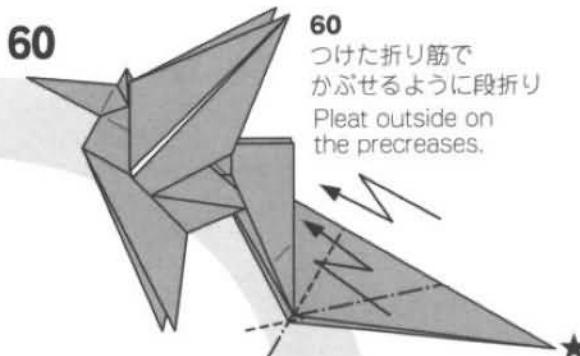
**54****54**

縁を内側に折る  
反対側も同じ  
Mountain fold.  
Repeat on the back.

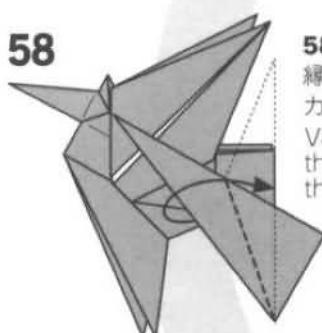
# 1 ファンタジー／ペガサス



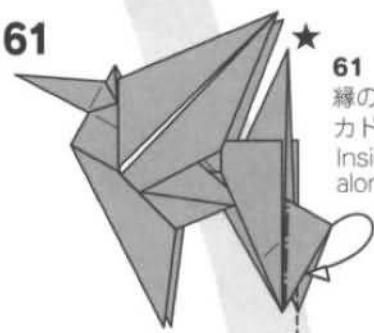
59  
57の形に戻す  
Unfold to 57.



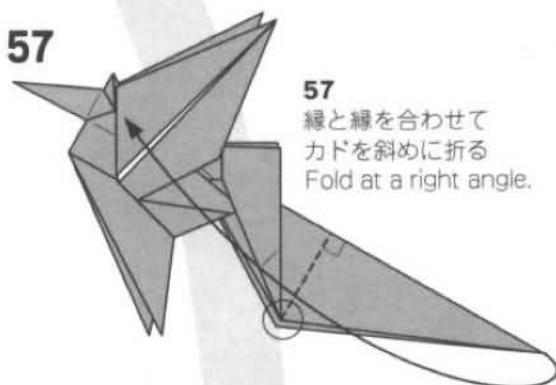
60  
つけた折り筋で  
かぶせるように段折り  
Pleat outside on  
the precreases.



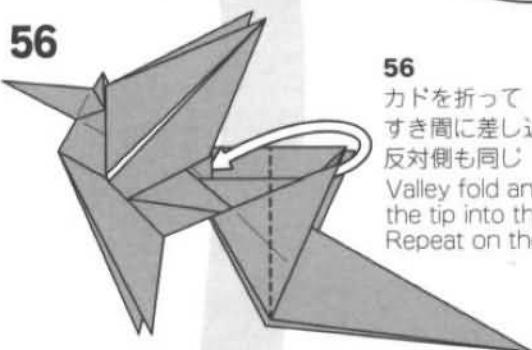
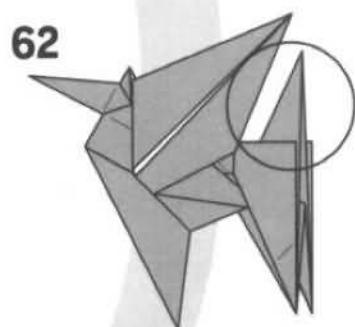
58  
縁と縁を合わせて  
カドを斜めに折る  
Valley fold so that  
the lower edge aligns with  
the edge of the legs.



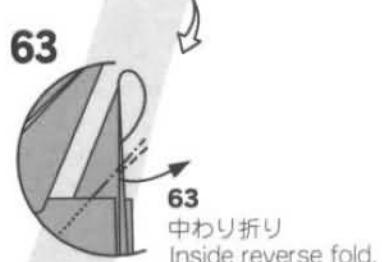
61  
縁のところで  
カドを内側へ折る  
Inside reverse  
along the edge.



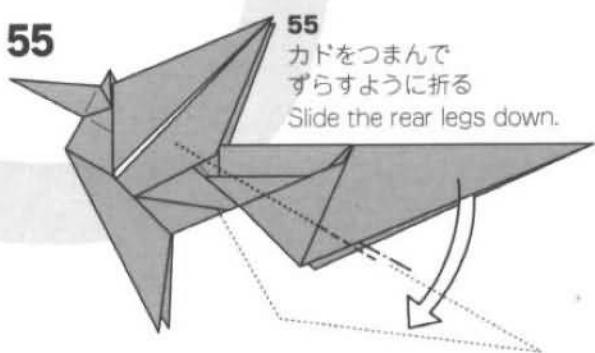
57  
縁と縁を合わせて  
カドを斜めに折る  
Fold at a right angle.



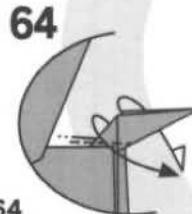
56  
カドを折って  
すき間に差し込む  
反対側も同じ  
Valley fold and tuck  
the tip into the pocket.  
Repeat on the back.



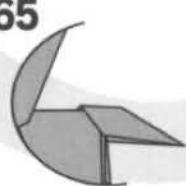
63  
中わり折り  
Inside reverse fold.

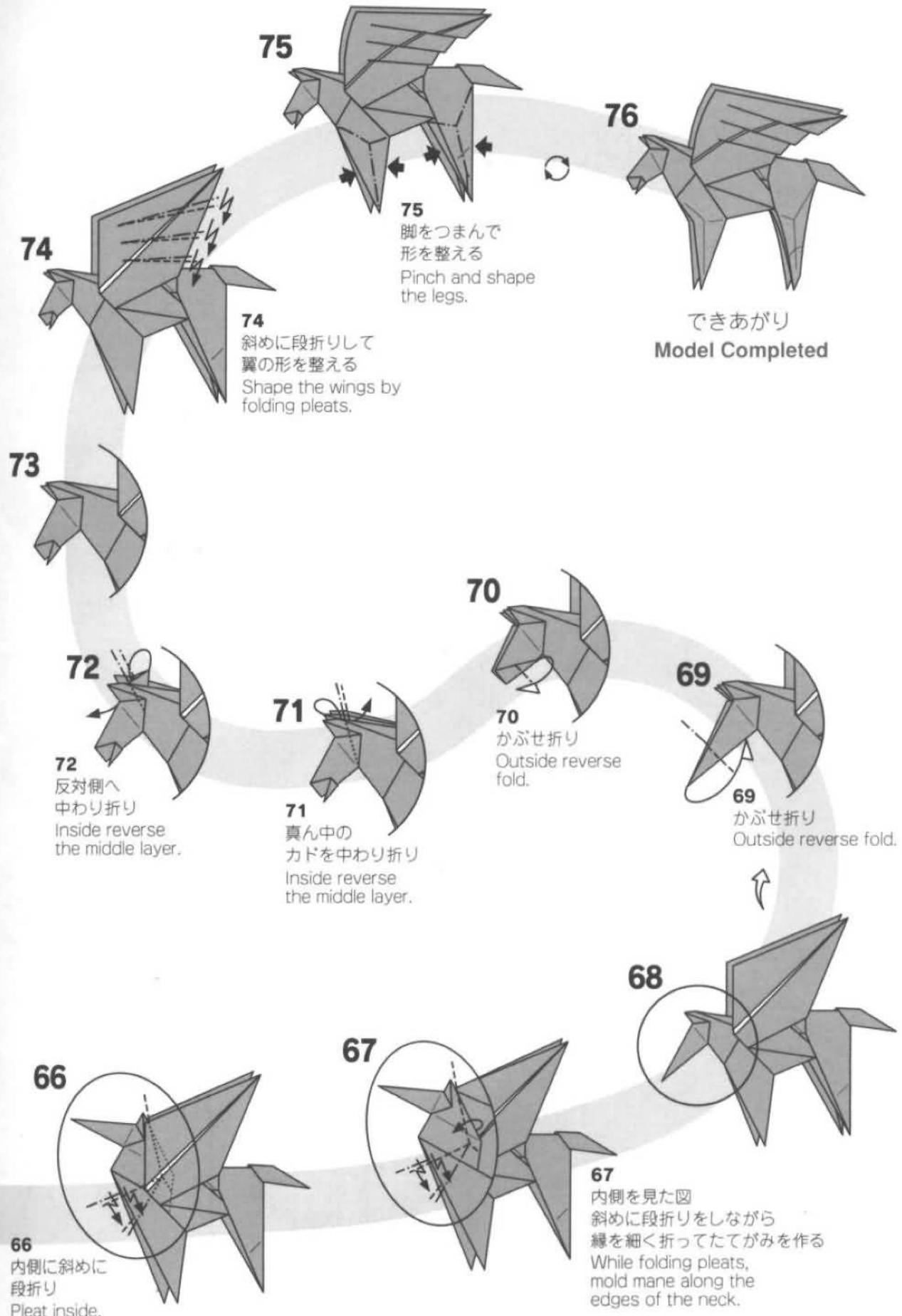


55  
カドをつまんで  
ずらすように折る  
Slide the rear legs down.



64  
かぶせ折り  
Outside reverse  
fold.





# ドラゴン

## Dragon

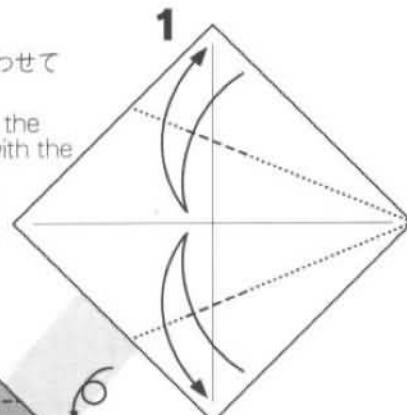
足と翼の点配置の原型は以前からあったものですが、1998年頃に前足の爪の折り方を中心に手順をまとめたものが本作です。翼の大きさを決めるはじめの仕込み折りは自由度が高くて、少しくらい比率が変わっても折り進んでいけます。頭部をしっかり作るには、35センチ以上の用紙がおすすめです。

The base of this dragon has been in my mind for quite a while. This is a new version with more sophisticated folding methods on the nails. You can change the size of the wings to your taste. Use a large sheet to fold details.



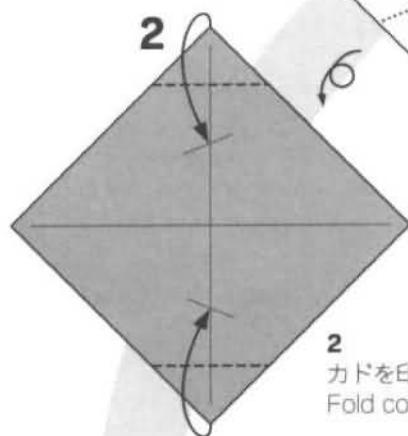
Created 1998 Paper 不切正方一枚折り: 1 piece

1 縁を中心に行わせて印をつける  
Bend so that the edges align with the center line.  
Put marks at intersections.

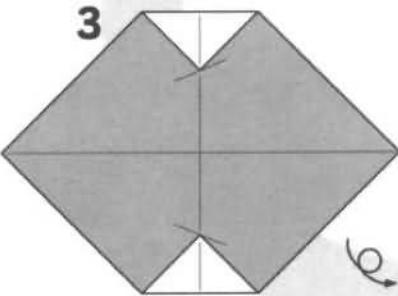


2

カドを印に合わせて折る  
Fold corners to the marks.

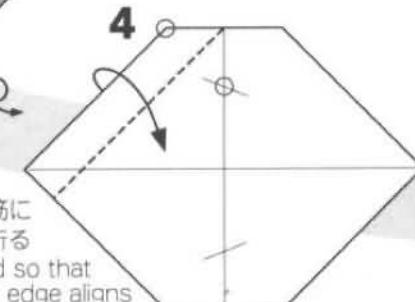


3

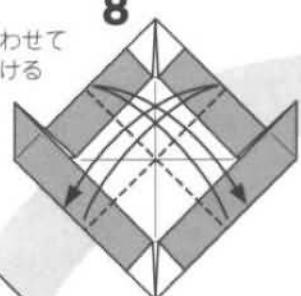


4

縁を折り筋に合わせて折る  
Valley fold so that the upper edge aligns with the center line.

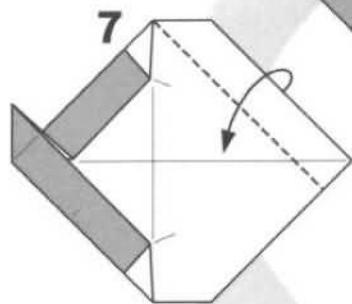


8 縁と縁を合わせて折り筋をつける  
Fold edge to edge.



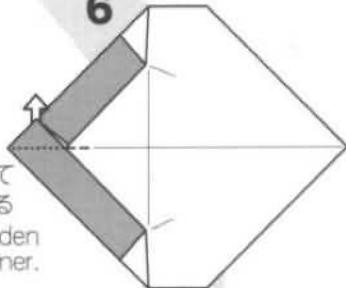
7

反対側も4~6と同じ  
Repeat 4-6 on the right.



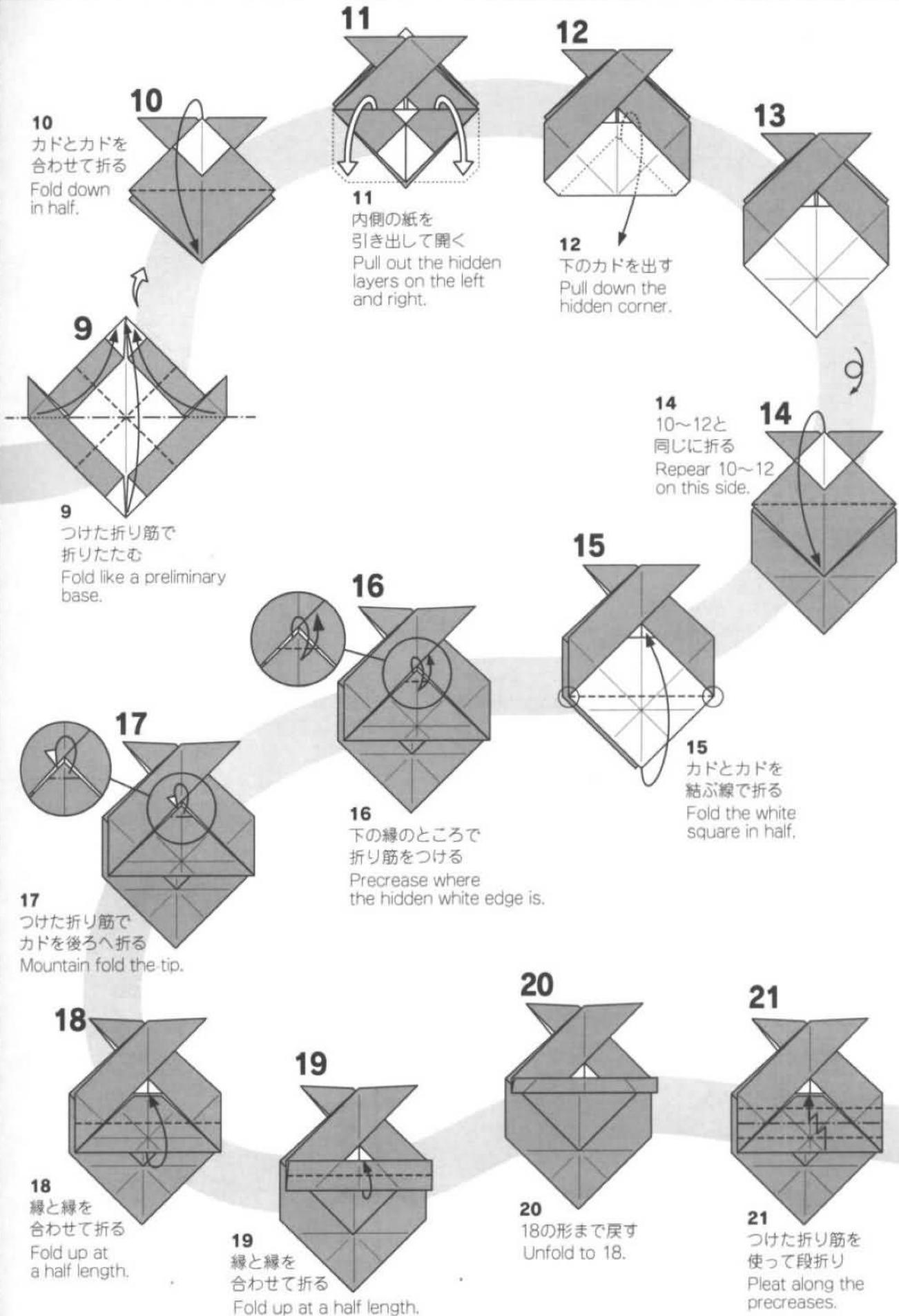
6

カドを引き出してつまむように折る  
Pull out the hidden layer with a corner.

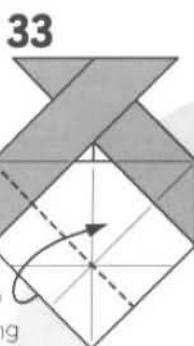


5

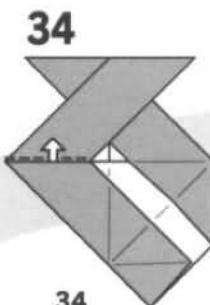
縁を折り筋に合わせて折る  
Repeat at the bottom.



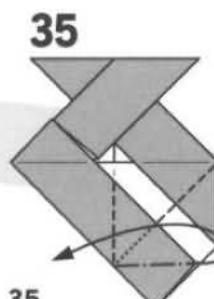
# 1 ファンタジー／ドラゴン



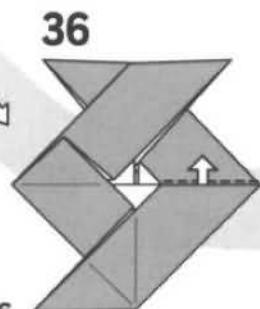
33  
ついている  
折り筋で折る  
Fold up along  
the precrease.



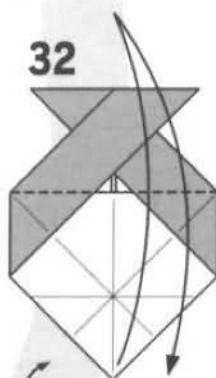
34  
内側のカドを  
引き出す  
Pull out the  
hidden corner.



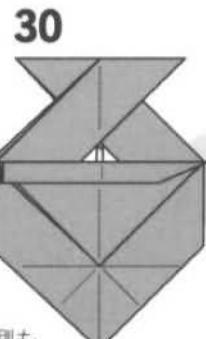
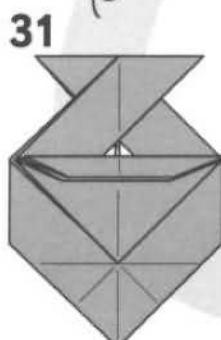
35  
ついている折り筋で  
カドをつまむように折る  
Pinch and squash  
the lower corner.



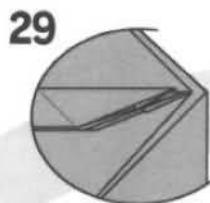
36  
内側のカドを引き出す  
Pull out the hidden corner.



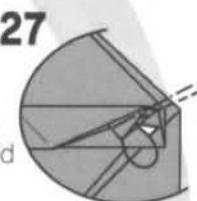
32  
開くところで  
折り筋をつける  
Precrease along  
the edge.



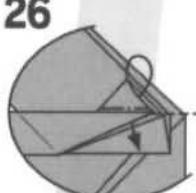
30  
反対側も  
23~29と同じ  
Repeat 23-29 on the left.



28  
残りも23~27と  
同じように折る  
Repeat 23~27 on  
the hidden layers.



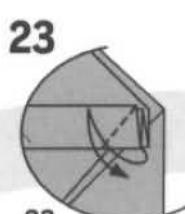
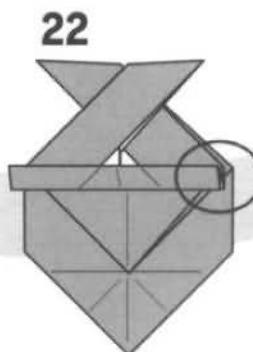
27  
縁のところで  
カドを内側に折る  
Inside reverse fold  
along the edge.



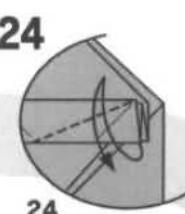
26  
縁のところで  
中わり折り  
Inside reverse  
fold along  
the edge.



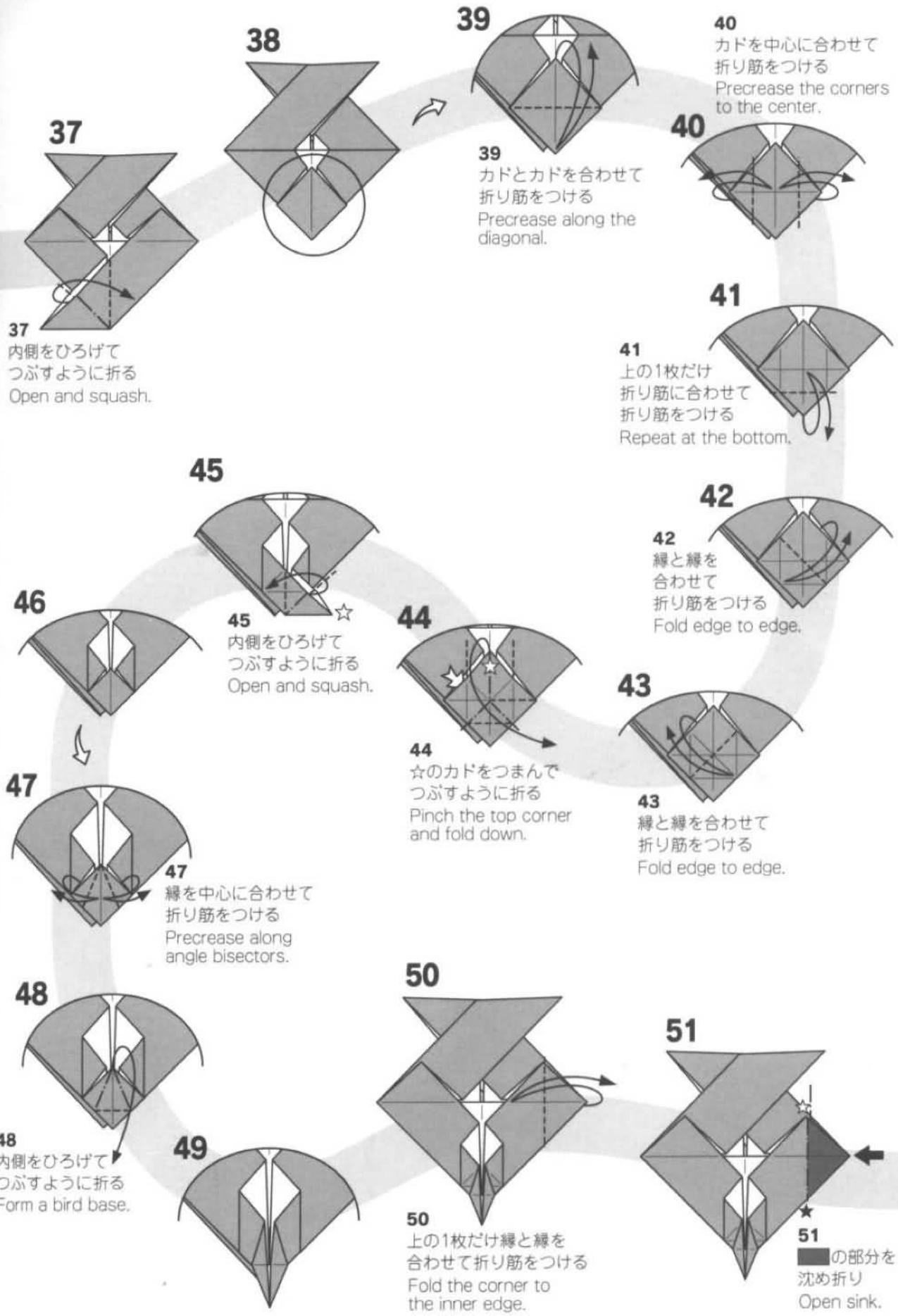
25  
つけた折り筋で  
中わり折り  
Inside reverse  
fold.



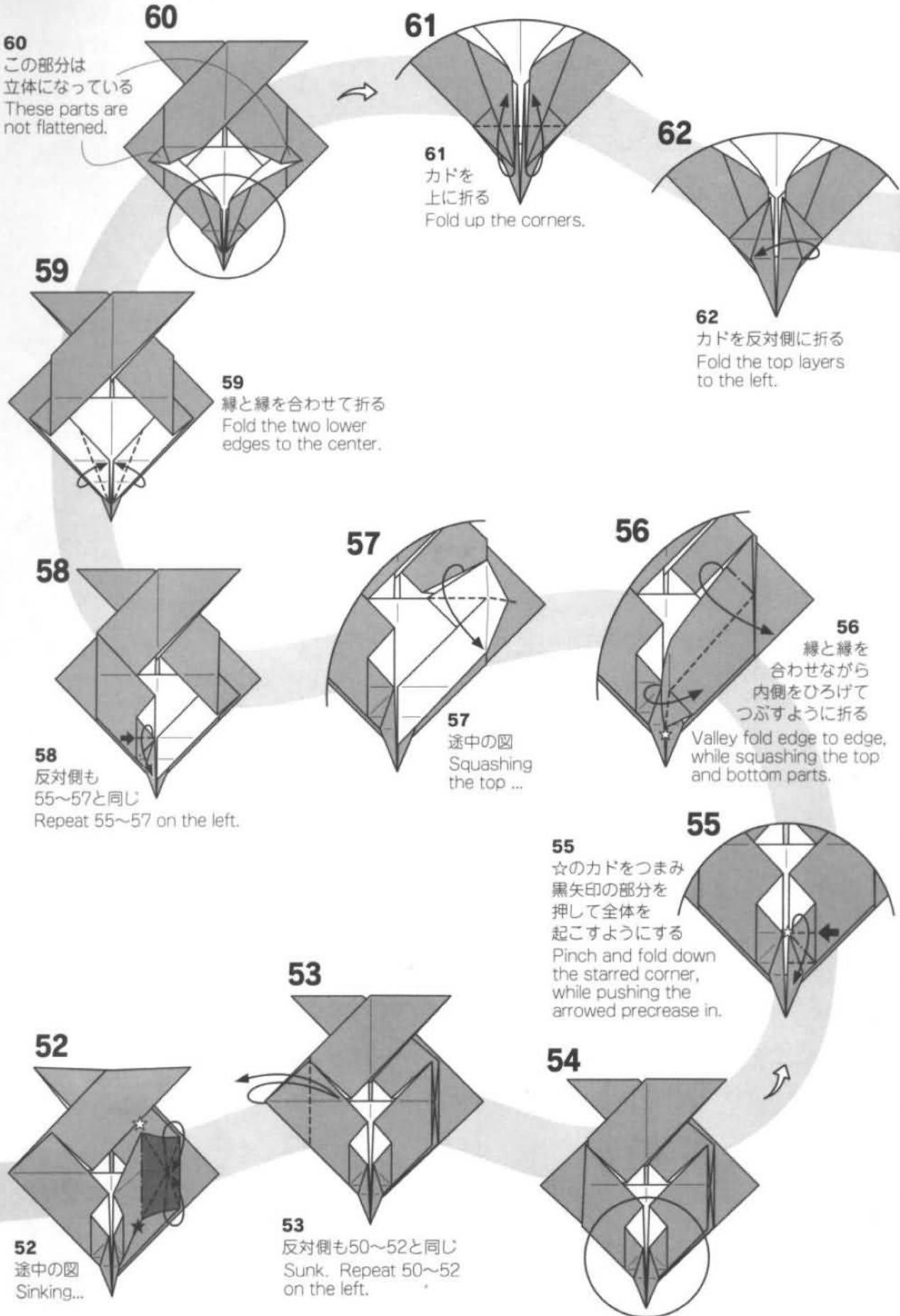
23  
縁と縁を合わせて  
折り筋をつくる  
Precrease along  
an angle bisector.

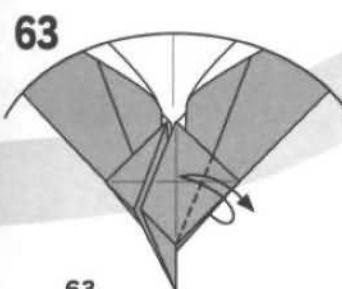


24  
つけた折り筋を  
縁に合わせて  
折り筋をつくる  
Precrease along  
an angle bisector.

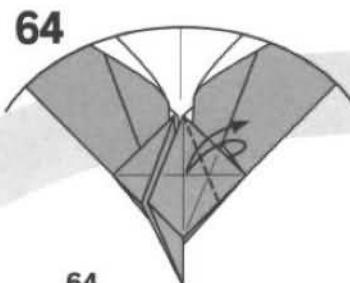


# 1 ファンタジー／ドラゴン

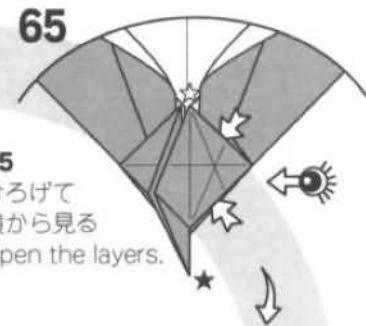




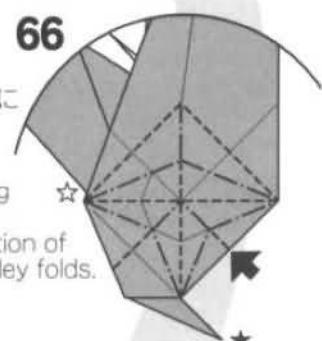
**63**  
縁を折り筋に合わせて  
折り筋をつける  
Fold the lower edge  
to the center line.



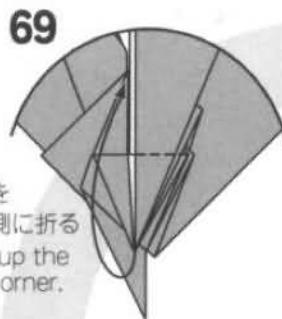
**64**  
縁を折り筋に合わせて  
折り筋をつける  
Fold the upper edge  
to the center line.



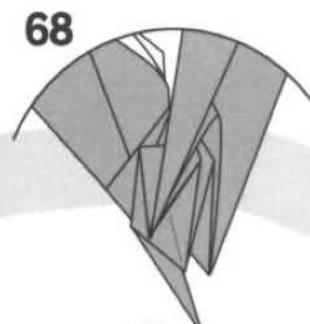
**65**  
ひろげて  
横から見る  
Open the layers.



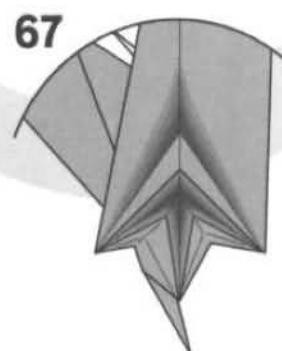
**66**  
図のような折り筋に  
つけなおして  
折りまとめる  
Reassemble using  
the precreases.  
Note the distribution of  
mountain and valley folds.



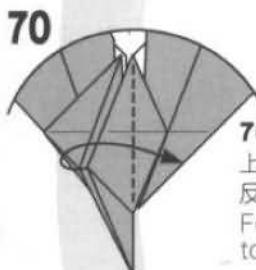
**69**  
カドを  
反対側に折る  
Fold up the  
top corner.



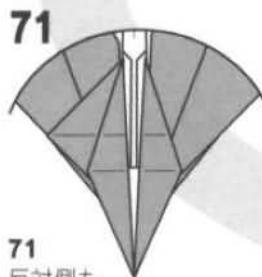
**68**  
途中の図  
Assembling ...



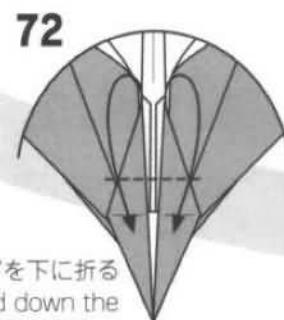
**67**  
途中の図  
そのまま  
折りまとめる  
Assembling ...



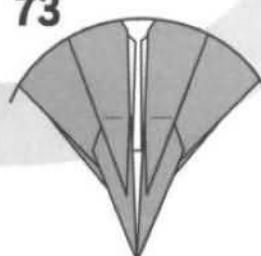
**70**  
上のカドを  
反対側に折る  
Fold the top layer  
to the right.



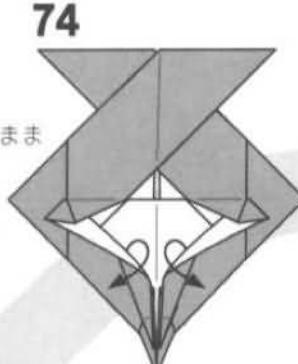
**71**  
反対側も  
62~70と同じ  
Repeat 62~70  
on the left.



**72**  
カドを下に折る  
Fold down the  
top corners.

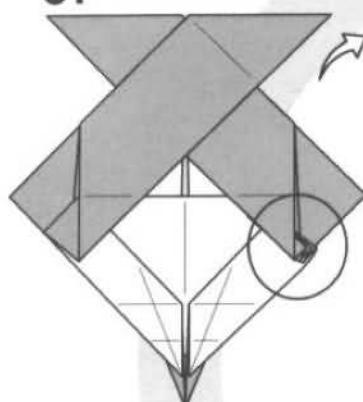


**74**  
この状態のまま  
縁を戻す  
Reopen  
the edges.

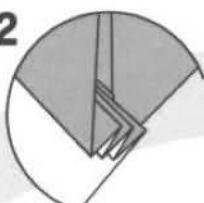


# 1 ファンタジー／ドラゴン

81

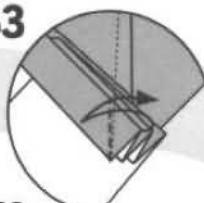


82



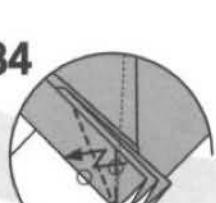
82  
次の図から  
一番上の紙を  
透視して内側を見る  
83 shows only the  
pleat parts.

83



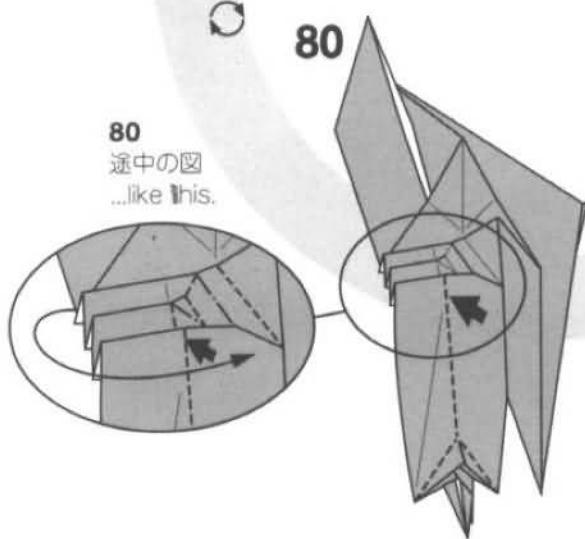
83  
縁と縁を合わせて  
折り筋をつける  
Fold an angle bisector.

84



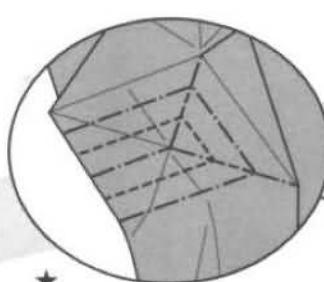
84  
つけた折り筋を  
縁に合わせるように  
斜めに段折り  
Fold an angle bisector.

80



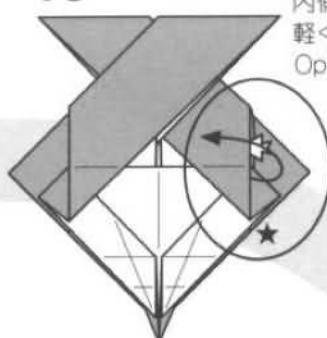
80  
途中の図  
...like this.

79



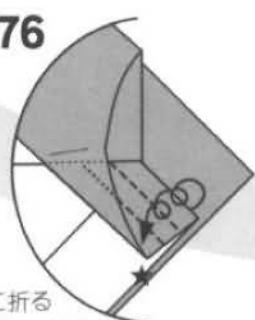
79  
図のような折り筋に  
つけ直して折りたたむ  
Make pleats using  
precreases,  
as shown,

75



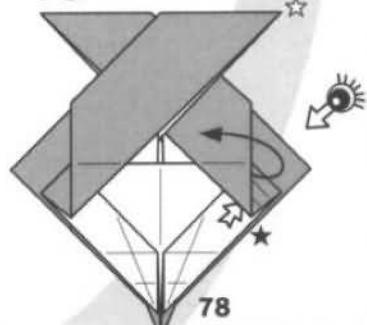
75  
内側を  
軽くひろげる  
Open lightly.

76



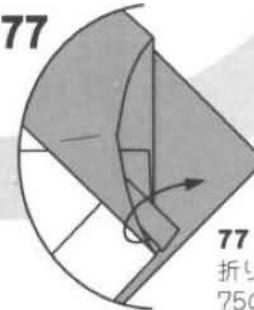
76  
3等分で  
巻くように折る  
Repeat valley folds,  
dividing the edge into thirds.

78

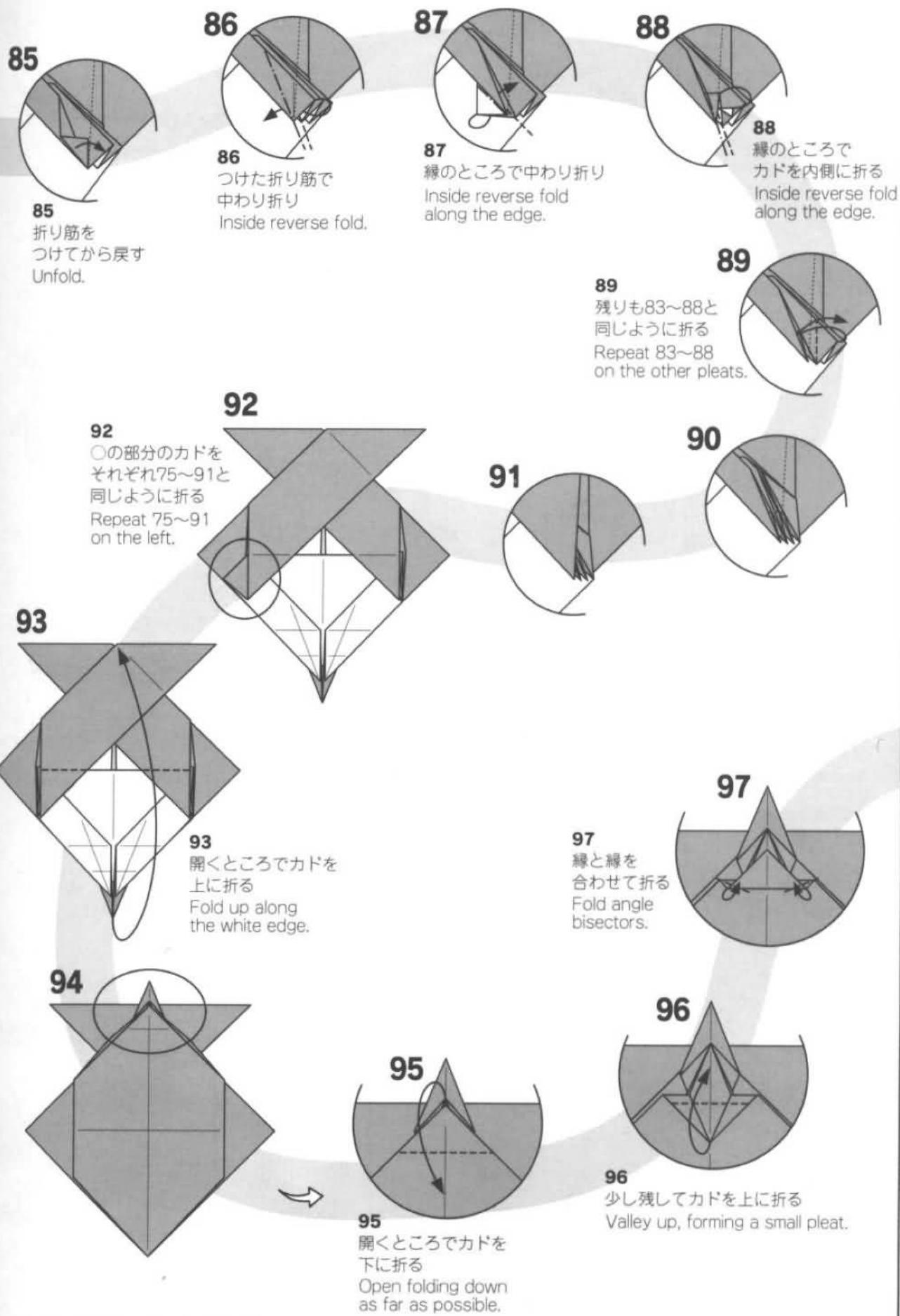


78  
内側をひろげて  
斜め横から見る  
Open lightly.

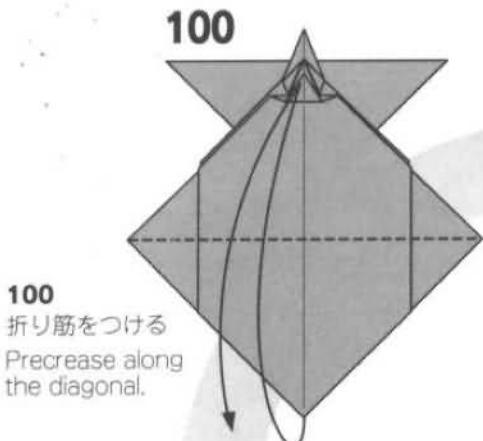
77



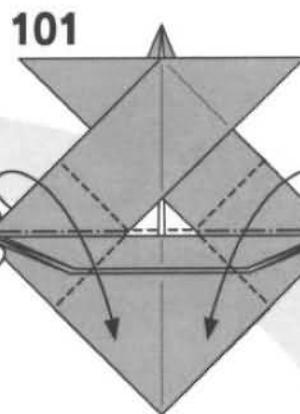
77  
折り筋をつけて  
75の形まで戻す  
Unfold.



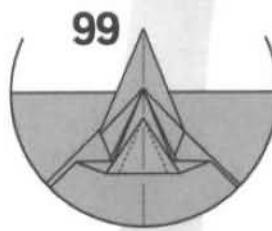
# 1 ファンタジー／ドラゴン



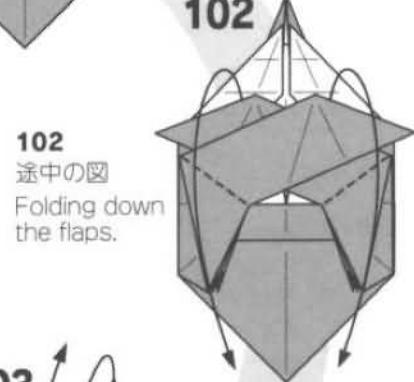
100  
折り筋をつける  
Precrease along the diagonal.



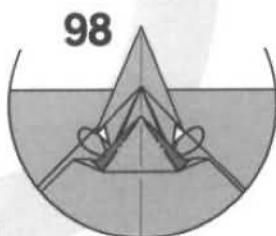
101  
左右のカドをつまんで  
縁に合わせて折る  
Pinch and fold down the corners and the top flaps.



99

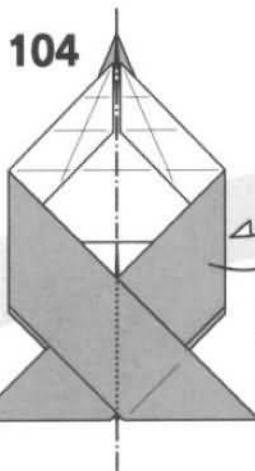


102  
途中の図  
Folding down the flaps.



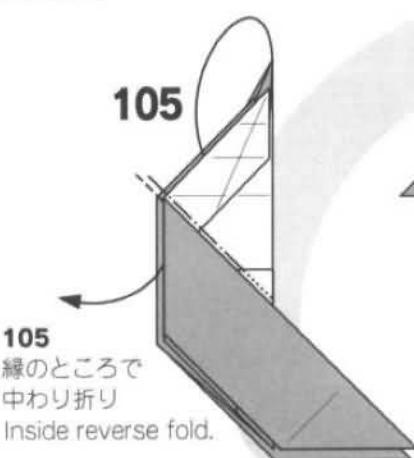
98

98  
■の部分を  
すぐ下の内側に折り込む  
Mountain folds along the line connecting the corners.



104

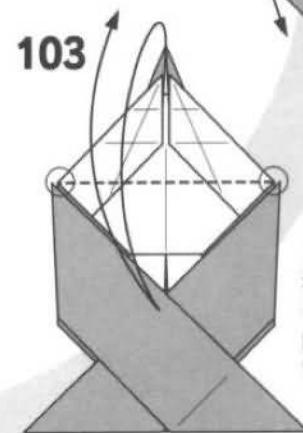
104  
後ろへ半分に折る  
Mountain fold in half.



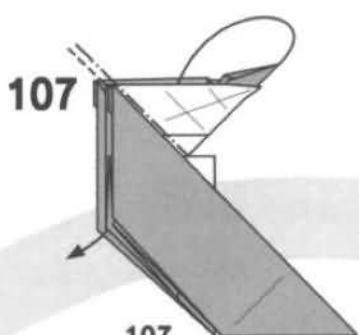
105  
縁のところで  
中わり折り  
Inside reverse fold.



106  
103でつけた折り筋と  
縁を合わせて中わり折り  
Inside reverse fold, so that the precrease made in 103 aligns with the edge on the right.



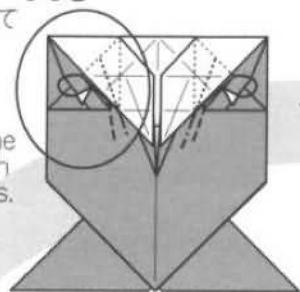
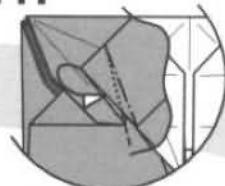
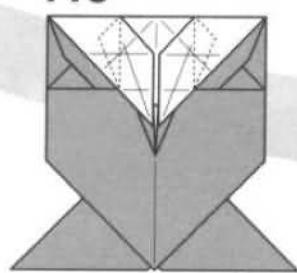
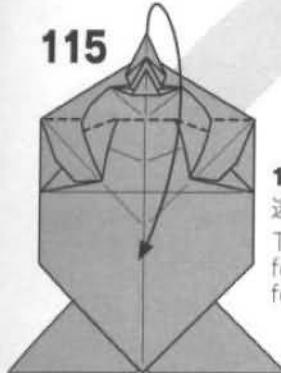
103  
カドとカドを  
結ぶ線で  
折り筋をつける  
Precrease corner to corner.



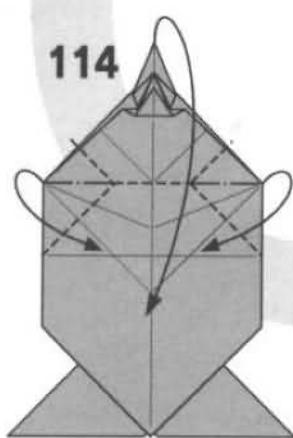
107  
縁のところで  
カドを内側に折る  
Inside reverse along the edge.

**116**

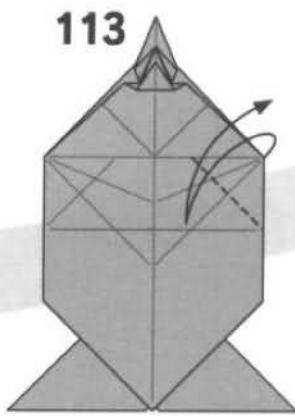
縁と縁を合わせて  
内側のカドを  
内側に折る  
Inside reverse  
folds so that the  
edges align with  
the vertical lines.

**116****117****118****115****115**

途中の図  
The top part is  
folded down by  
folding 114.

**114****114**

つけた折り筋で  
左右のカドをつまんで  
折りまとめる  
Pinch and fold down  
the side corners.

**113****113**

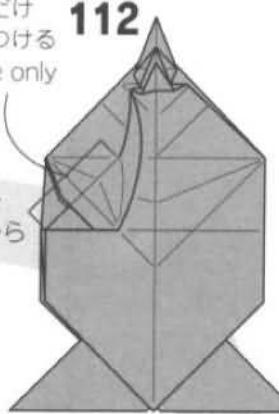
反対側も111~112と同じ  
Repeat 111~112  
on the right.

**112**

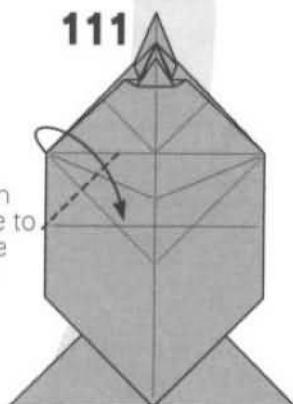
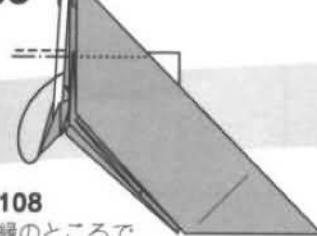
この部分だけ  
折り筋をつける  
Precrcrease only  
this part.

**112**

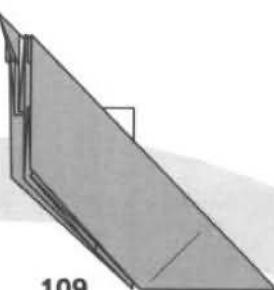
折り筋を  
つけてから  
戻す  
Unfold.

**111****111**

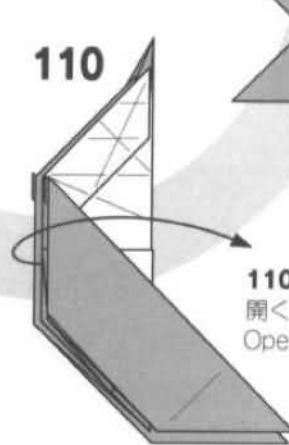
縁と折り筋を  
合わせて折る  
Fold and align  
the side edge to  
the precrease  
in the middle.

**108****108**

縁のところで  
内側のカドを中わり折り  
Inside reverse along the  
hidden edge.

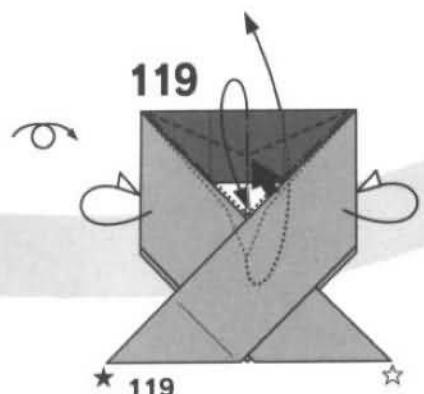
**109****109**

しっかりと  
折り筋をつけて  
105の形まで戻す  
Unfold to 105.

**110****110**

開く  
Open up.

# 1 ファンタジー／ドラゴン



★ 119

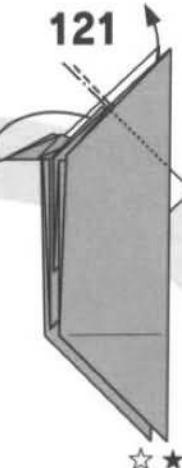
106でつけた折り筋で  
■の部分を押し込むように  
縁と縁を合わせて折りながら  
後ろへ半分に折る  
Mountain fold in half,  
while forming pleats on the top.

120



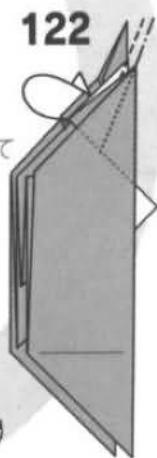
★ 120  
途中の図  
Assembling ...

121



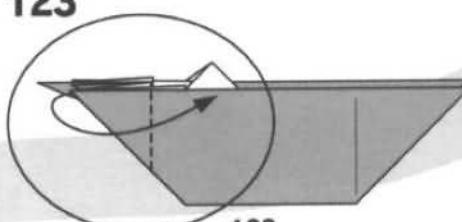
ついている  
折り筋で  
内側のカドを  
中わり折り  
Inside reverse  
the inner corner  
using the  
precreases.

122



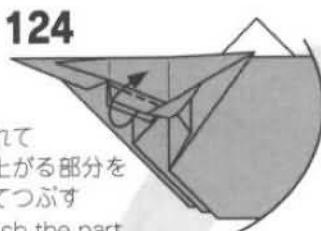
内側のカドを  
縁と縁を合わせて  
内側に折る  
反対側も同じ  
Inside reverse  
fold edge to  
edge on the  
inner corners.

123



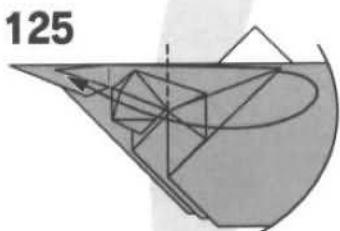
123  
開くところで  
カドを反対側に折る  
Open as far as possible.

124



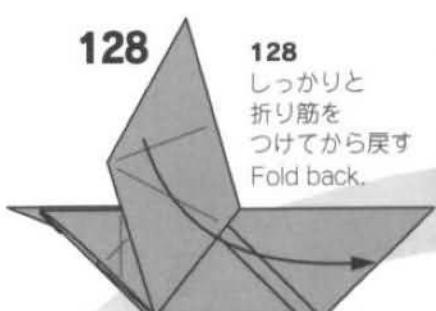
124  
つられて  
持ち上がる部分を  
開いてつぶす  
Squash the part  
pulled up.

125



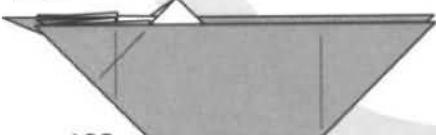
125  
カドを  
反対側に折る  
Fold back.

128



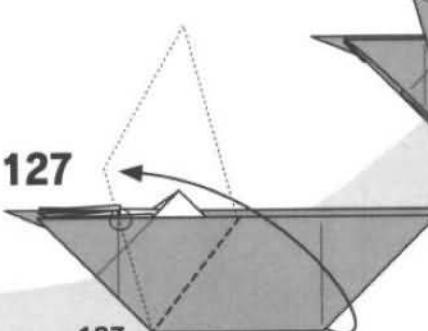
128  
しっかりと  
折り筋を  
つけてから戻す  
Fold back.

126



126  
反対側も123～125と同じ  
Repeat 123～125 on  
the back.

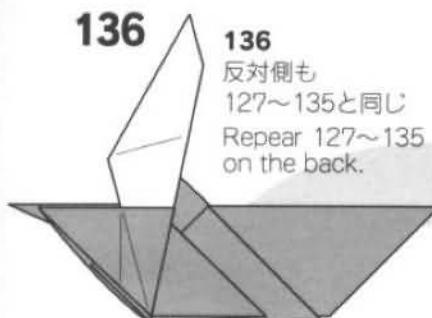
127



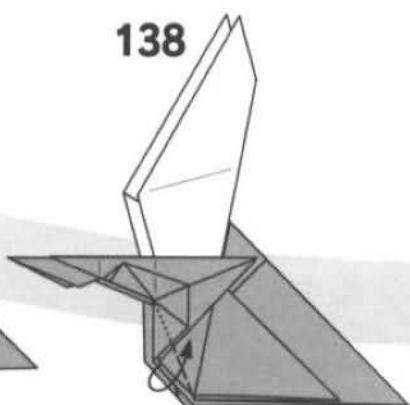
127  
○の折り筋と縁を合わせて  
カドを斜めに折る  
Fold up so that the bottom edge  
reaches the circled intersection.

**136****136**

反対側も  
127~135と同じ  
Repeat 127~135  
on the back.

**137****138****137**

開くところで  
カドを反対側に折る  
反対側も同じ  
Open as far as possible.  
Repeat on the back.

**135****135**

縁と縁を合わせて  
引き寄せるように折る  
Form a rabbit ear  
inside and fold up.

**138**

内側の1枚目の  
カドを斜めに折る  
Fold up the inner corner.

**134****134**

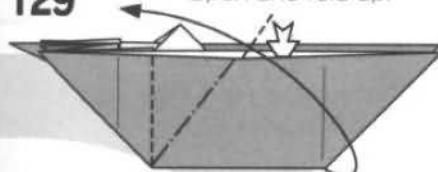
縁のところで  
カドを折る  
Fold up along  
the edge.

**133****133**

つられて  
持ち上がった部分を  
開いてつぶすように折る  
Squash the pulled-up part.

**129****129**

内側をひろげる  
Open and fold up.

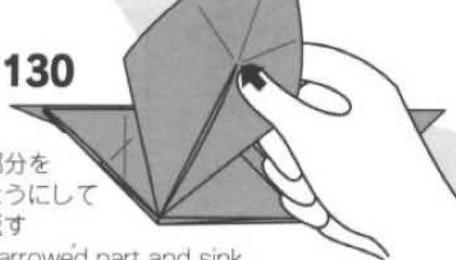
**132****132**

開くところで  
カドを反対側に折る  
Open as far as  
possible.

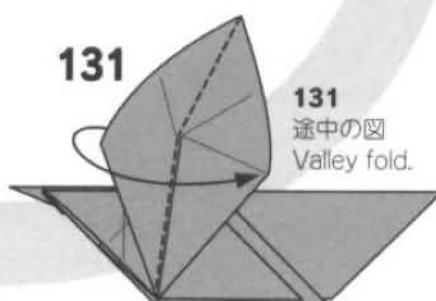
**130****130**

黒矢印の部分を  
押し込むようにして  
ひっくり返す

Push the arrowed part and sink.

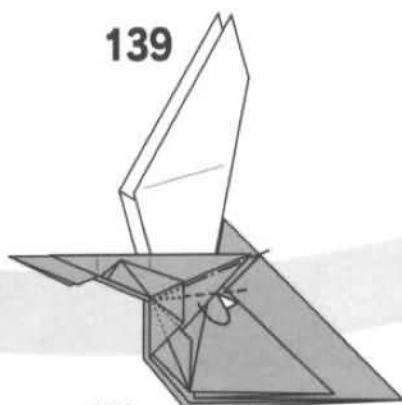
**131****131**

途中の図  
Valley fold.



# 1 ファンタジー／ドラゴン

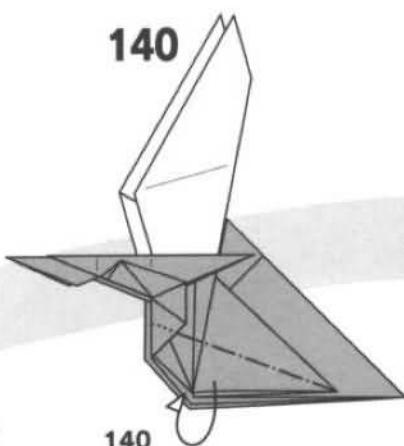
139



139

縁のところで後ろへ引き寄せ折り  
Mountain fold along the edge  
and stretch the hidden layer.

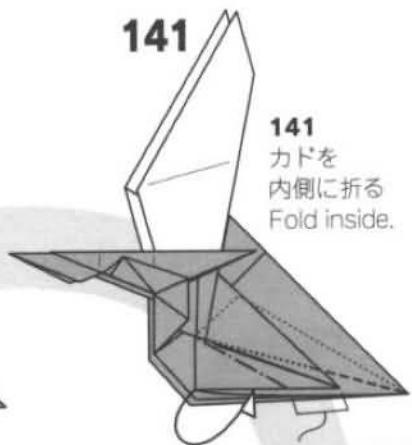
140



140

カドを内側に折る  
Mountain fold the  
inner corner.

141

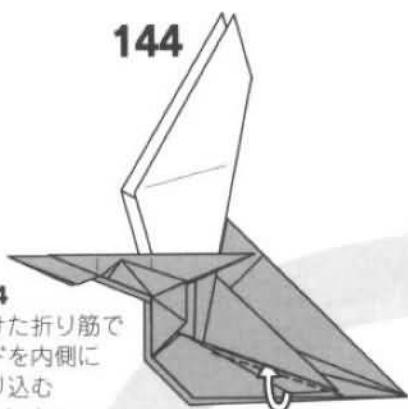


141

カドを  
内側に折る  
Fold inside.

ここをあけて折る  
Leave some length  
of an edge intact.

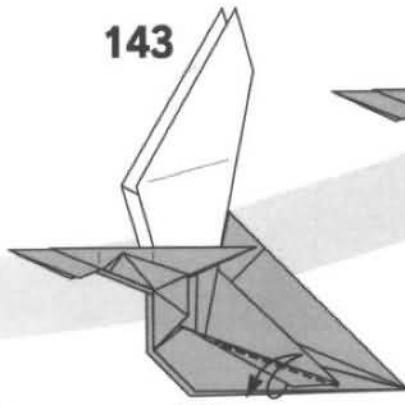
144



144

つけた折り筋で  
カドを内側に  
折り込む  
Tuck the corner  
inside.

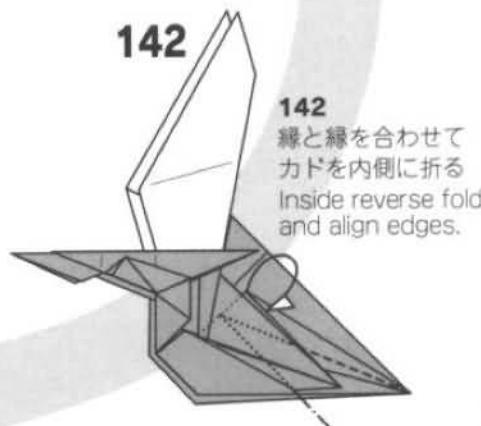
143



143

縁のところで  
折り筋をつける  
P�crease along  
the edge.

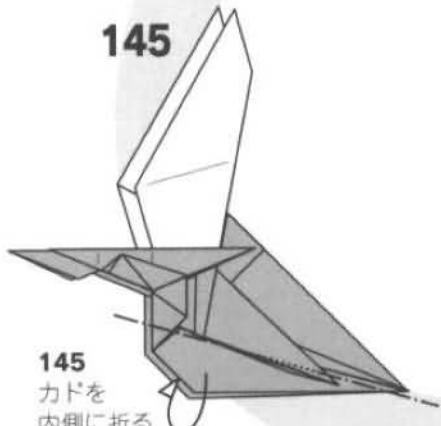
142



142

縁と縁を合わせて  
カドを内側に折る  
Inside reverse fold  
and align edges.

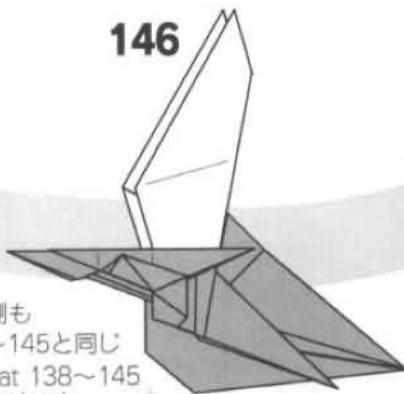
145



145

カドを  
内側に折る  
Tuck inside.

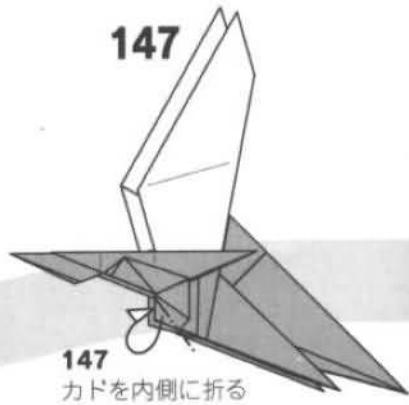
146



146

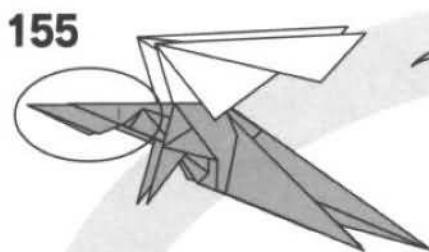
反対側も  
138～145と同じ  
Repeat 138～145  
on the back.

147

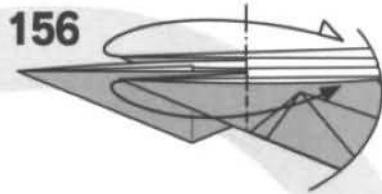


147

カドを内側に折る  
反対側も同じ  
Tuck the corner inside.

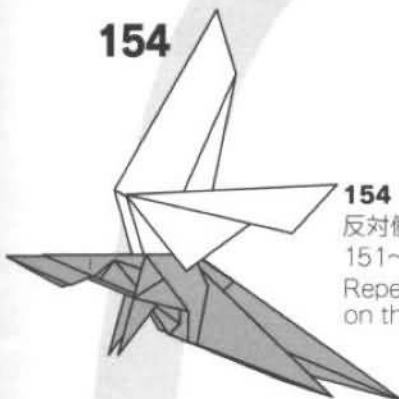


155



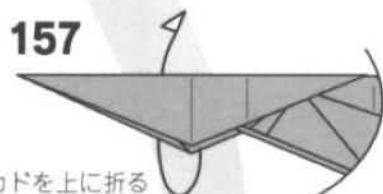
156

それぞれカドを  
反対側に折る  
Fold the corners  
to the right.



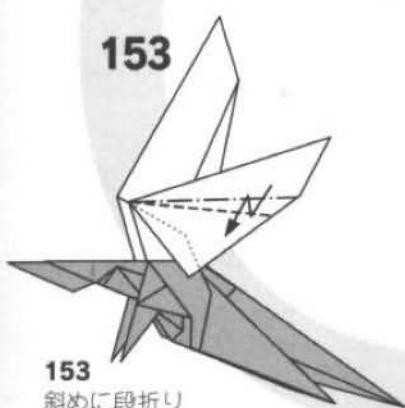
154

154  
反対側も  
151~153と同じ  
Repeat 151~153  
on the back.



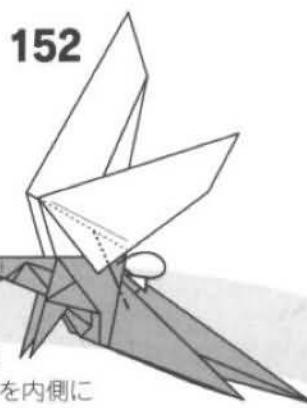
157

157  
下のカドを上に折る  
Open from the back side..



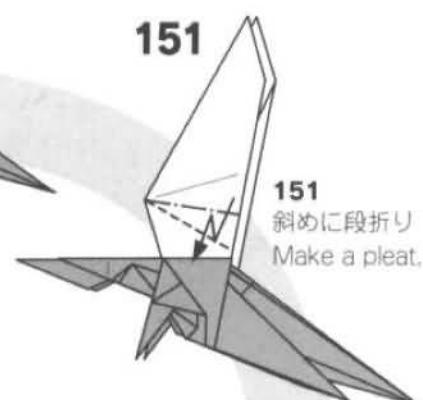
153

153  
斜めに段折り  
Form a pleat.



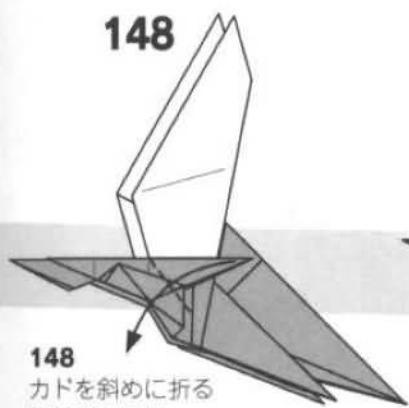
152

152  
カドを内側に  
折り込む  
Tuck the corner  
inside and lock.



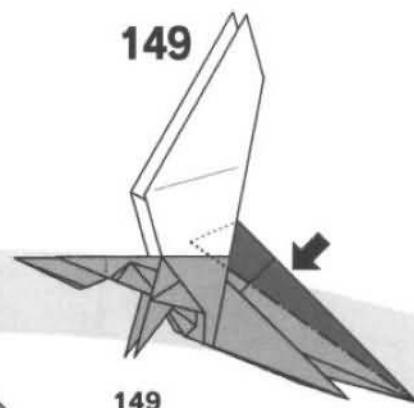
151

151  
斜めに段折り  
Make a pleat.



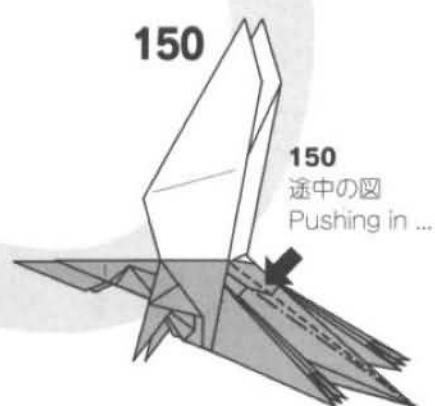
148

148  
カドを斜めに折る  
反対側も同じ  
Fold down the front leg.



149

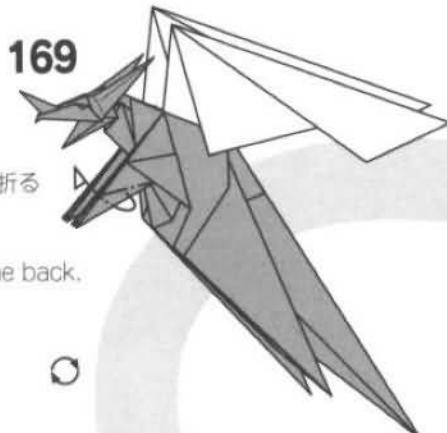
149  
■の部分を沈め折り  
Sink the darkened part.



150

150  
途中の図  
Pushing in ...

# 1 ファンタジー／ドラゴン



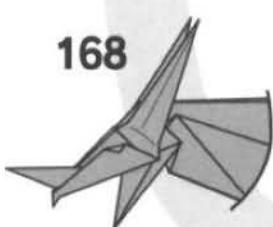
**169**

内側を通して  
カドを斜めに折る  
反対側も同じ  
Fold inside.  
Repeat on the back.

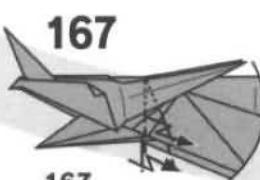


**170**

斜めに段折り  
反対側も同じ  
Form pleats.  
Repeat on the back.



**168**



**167**

かぶせるように  
斜めに段折り  
Form pleats and  
bend the neck.

**159**

カドを少し残して  
反対側に折る  
Fold back, forming  
a small pleat.

**159**



**160**

カドを後ろへ折る  
Closing back.

**161**

かぶせ折り  
Outside reverse fold.

**161**



**162**

カドと縁を  
合わせて折る  
反対側も同じ  
Fold angle bisectors  
on the front and the back.

**166**

カドを少し中わり折り  
Inside reverse on the  
tip of the nose.

**165**

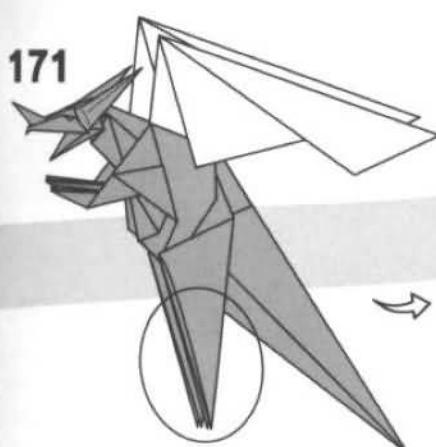
カドをつまんで  
形を整える  
反対側も同じ  
Pinch and form horns.

**164**

内側のカドを  
引き出して  
あごを作る  
Pull down the inner  
corner to form a jaw.

**163**

カドを少し折る  
反対側も同じ  
Fold down the tips  
of the corners.



171

172

172  
中わり折り  
Inside reverse fold.

173

173  
中わり折り  
Inside reverse fold.

174

174  
残りのカドも  
172～173と同じ  
Repeat 172～173  
on the other fingers.

175

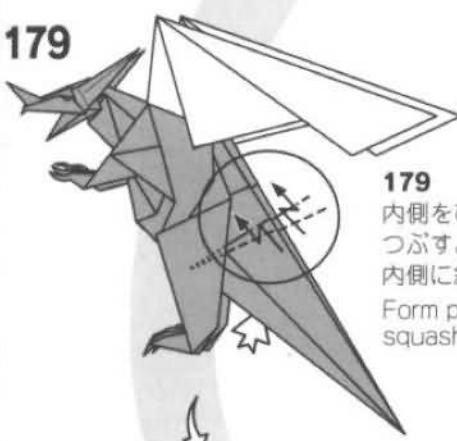
175  
反対側も  
172～174と同じ  
Repeat 172～174  
on the other foot.

176

177

177  
指をひろげて  
表情をつける  
Open the palm  
and shape it.

178

178  
反対側も同じ  
Repeat on the  
other hand.

179

179  
内側をひろげて  
つぶすように  
内側に斜めに段折り  
Form pleats while  
squashing inside,

180

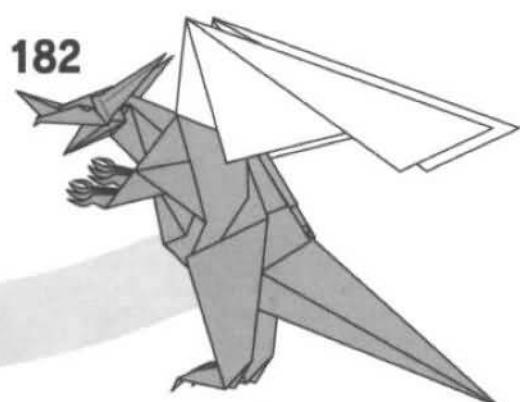
180

内側を見た図  
沈め折りした部分を平らにして  
黒矢印の部分を押し込んで  
つぶすように折る  
... like this.

181

181  
途中の図  
Finished tail.

182

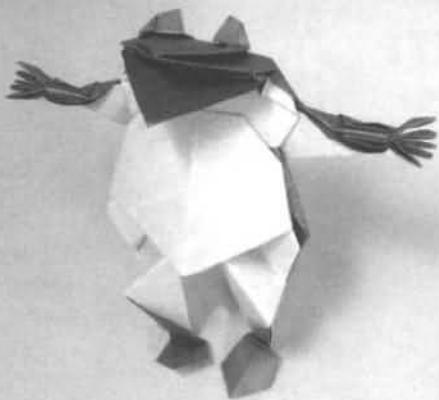
できあがり  
Model Completed

# 鳥獣戯画の蛙

A Frog in "Chōju Giga (Frolicking Birds and Animals)"

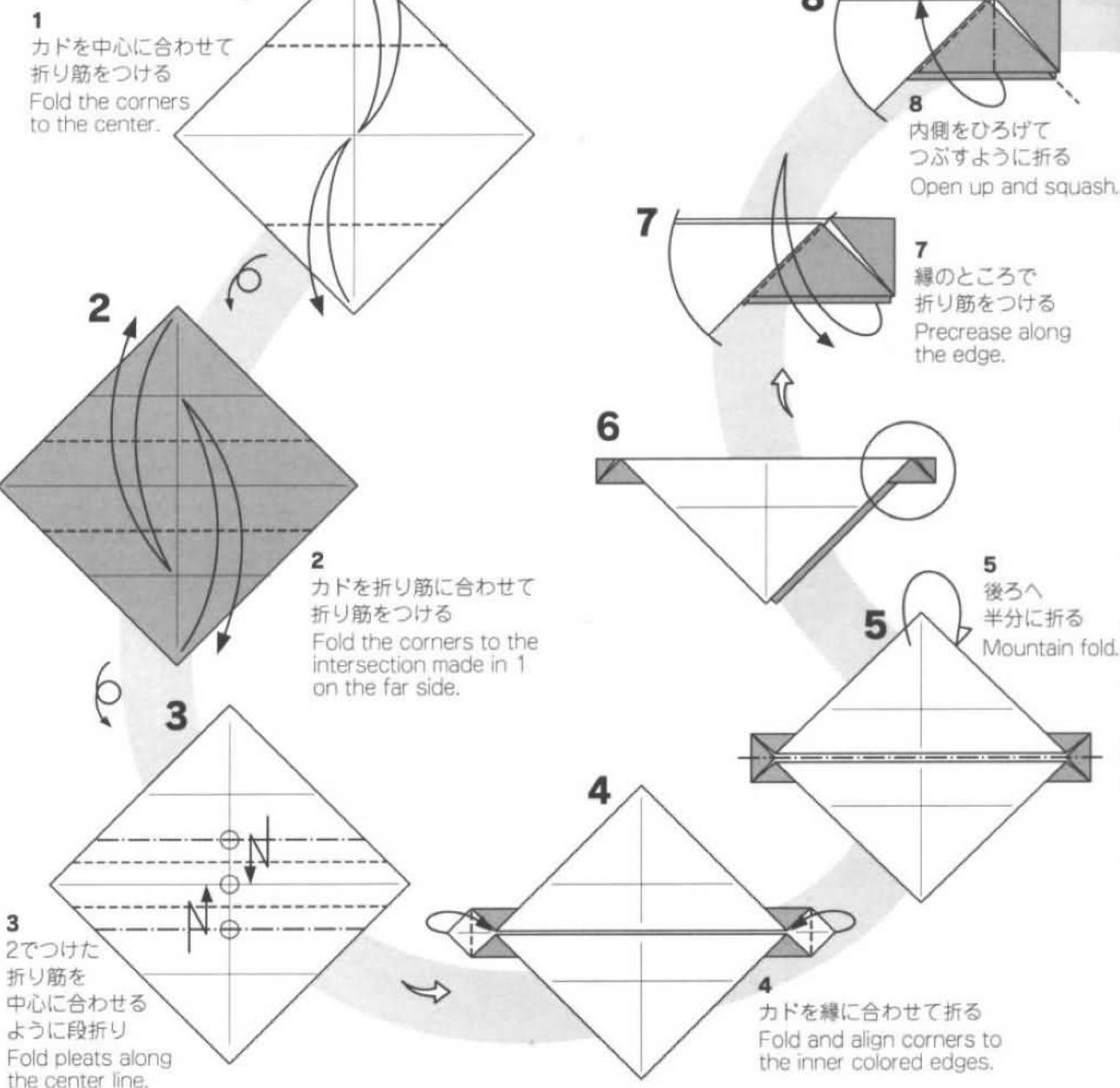
指のある造形は、もちろん前川淳さんの「悪魔」がインスピレーションの源泉です。本書「カニ」の手法を指表現に応用しました。漫画の原点とも言われる鳥獣戯画の蛙は指先の表現が何とも滑稽さを強調していて、本作を作つてみて造形上の指表現の威力を実感しました。

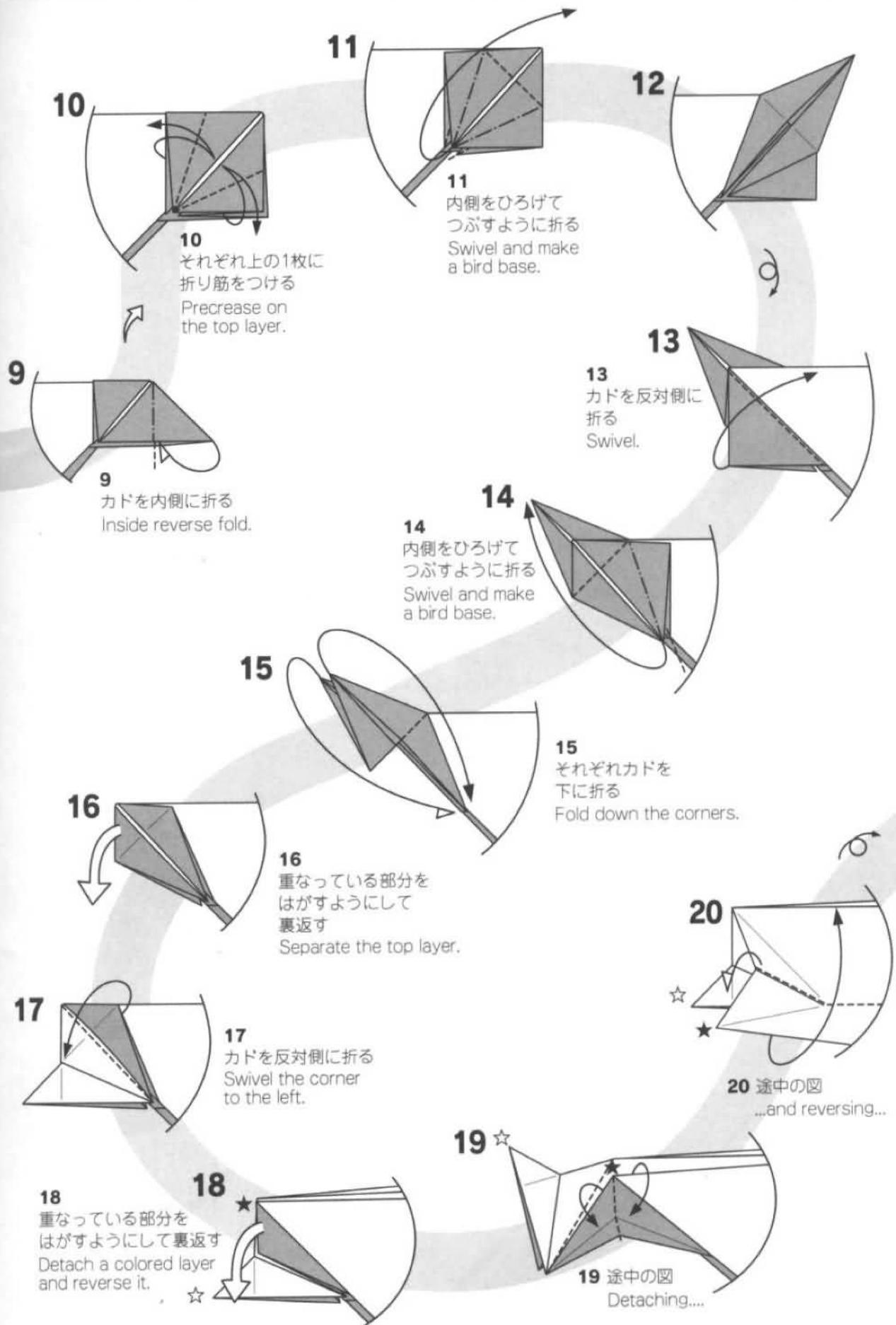
Inspired by Maekawa's famous "Devil", fingers in this work is an application of my own method (see "Crab"). The frog described here is a character in the first manga in Japan.



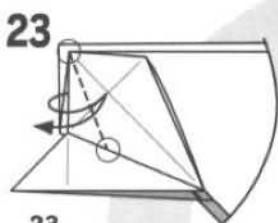
Created 1982 Paper 複合作品・2枚 : 2 pieces

[上半身] Upper Part of the Body

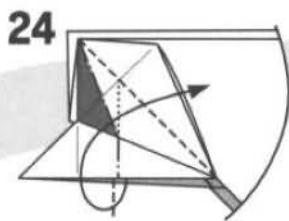




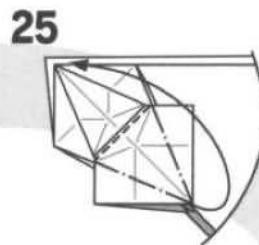
# 1 ファンタジー／鳥獣戯画の蛙



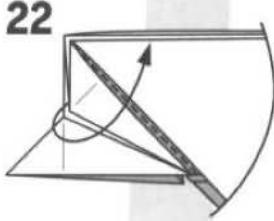
23  
縁を折り筋に合わせて  
折り筋をつける  
Precrease along  
the angle bisector.



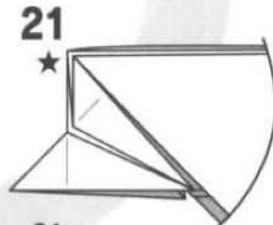
24  
内側をひろげて  
■の部分を  
つぶすように折る  
Open and squash  
the lower corner and  
the darkened part.



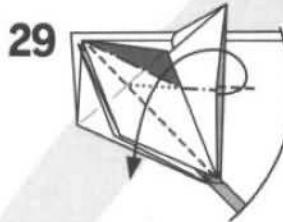
25  
内側をひろげて  
つぶすように折る  
Swivel and fold  
like a bird base.



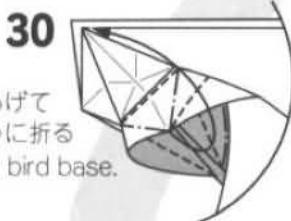
22  
カドを反対側に折る  
Swivel the top layer  
to the right.



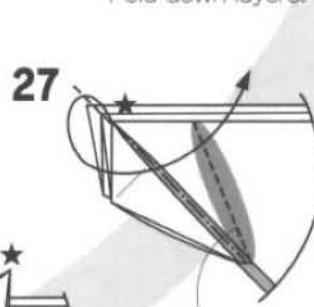
21  
反対側も17~20と同じ  
Repeat 17~20  
on the back.



29  
内側をひろげて ■の部分を  
つぶすように折る  
Open and squash the lower part  
and the colored part.



30  
内側をひろげて  
つぶすように折る  
Fold like a bird base.

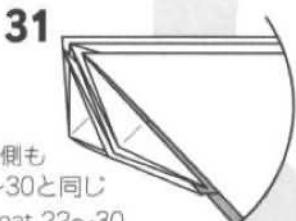


26  
カドを斜めに折る  
Fold down layers.

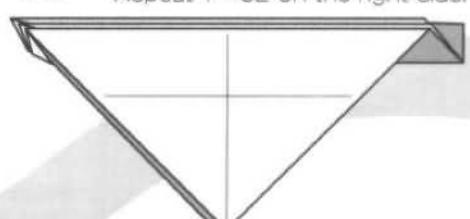


28  
縁を  
折り筋に合わせて  
折り筋をつける  
Fold along an angle bisector.

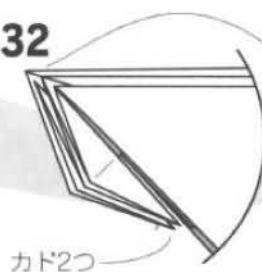
27  
カドをつまむ  
ように折る  
Pinch and pull  
the starred corner to the  
right.



31  
反対側も  
22~30と同じ  
Repeat 22~30  
on the back.

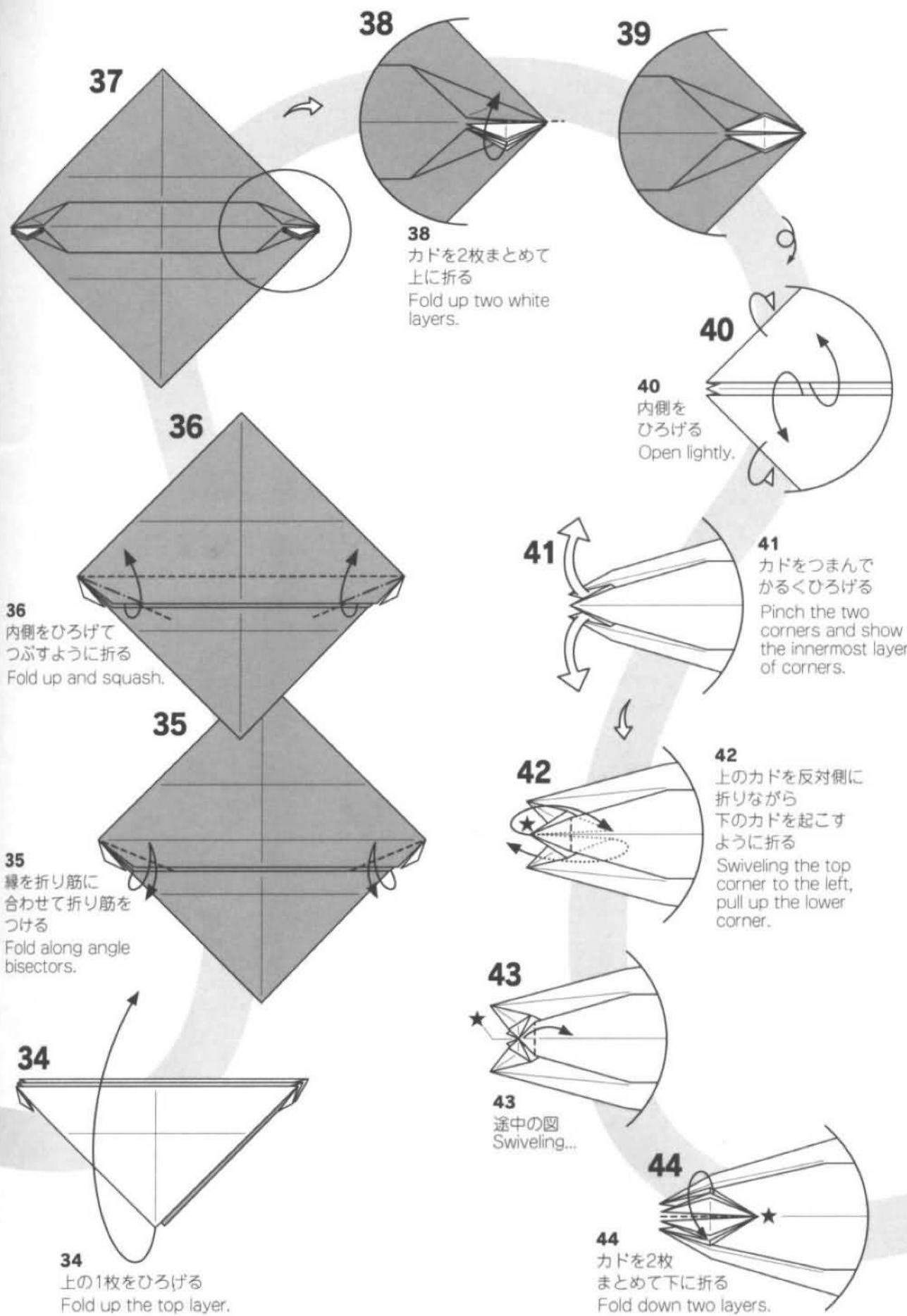


33  
反対側も7~32と同じ  
Repeat 7~32 on the right side.

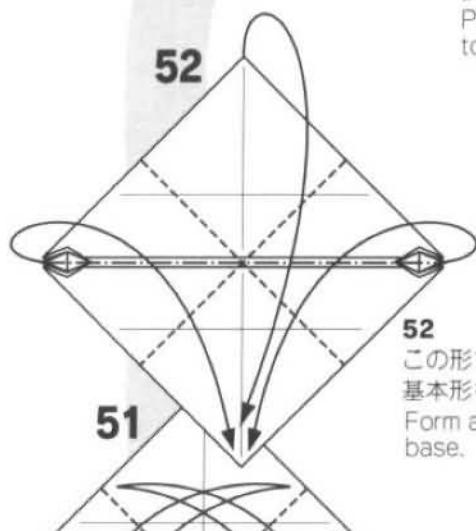
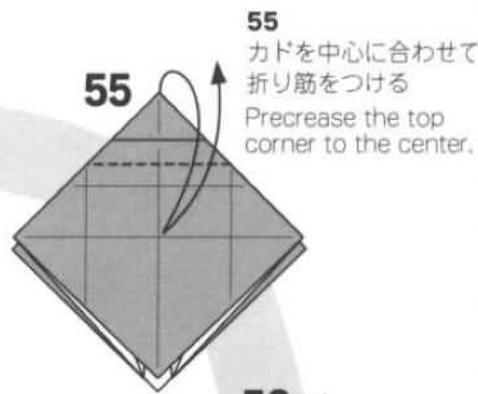
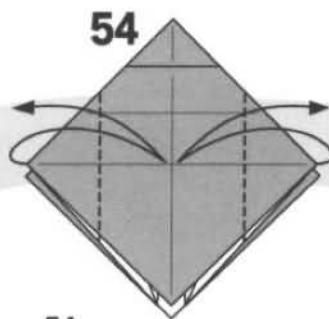
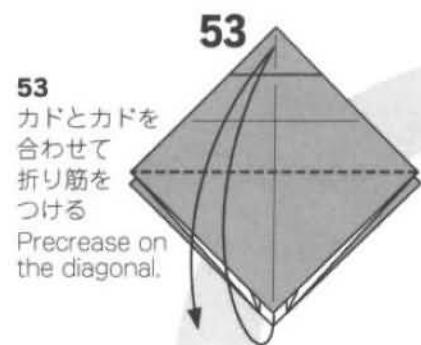


カド2つ

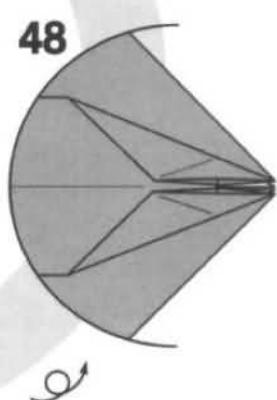
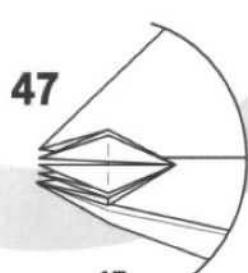
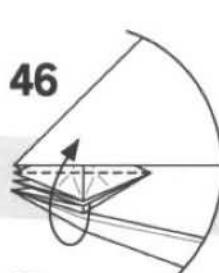
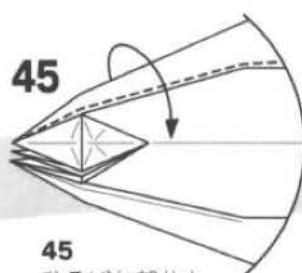
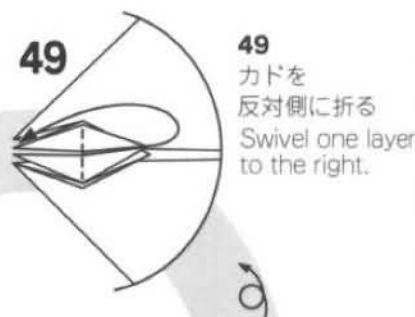
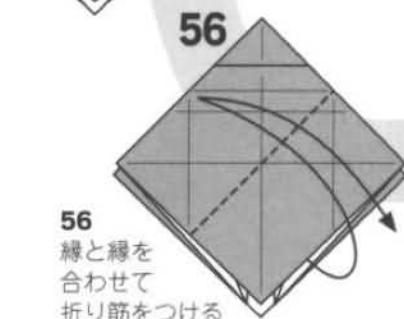
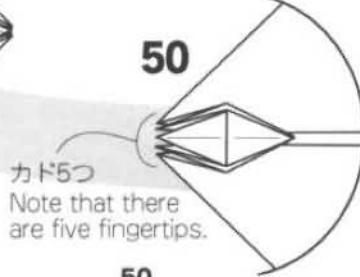
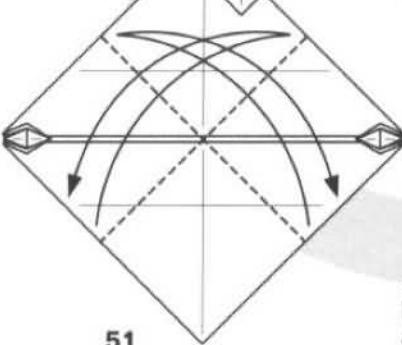
32  
カド4つ  
(真ん中の2つが重なっている)  
Note that there are  
four corners on the top,  
of which two overlap each other,  
and two corners on the bottom.



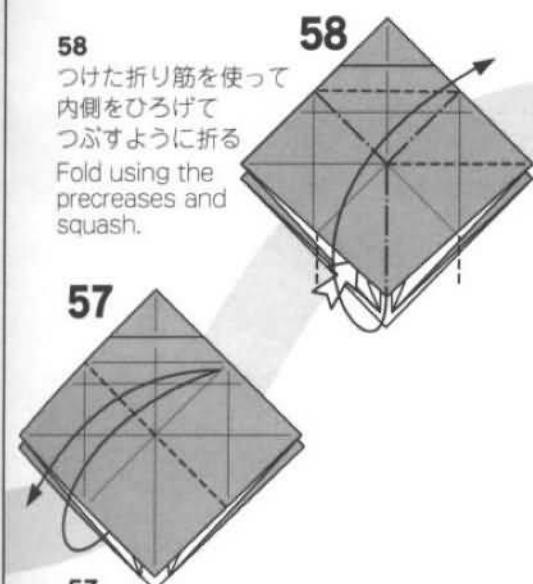
# 1 ファンタジー／鳥獣戯画の蛙



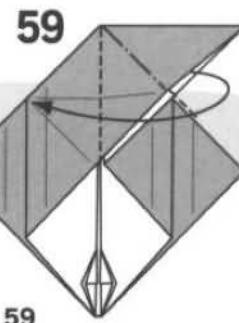
**51**  
この形で正方 基本形を折る  
Form a preliminary base.



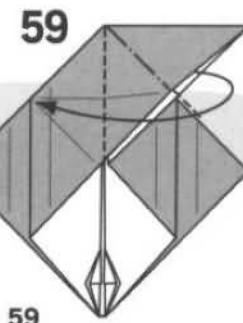
**58**  
つけた折り筋を使って  
内側をひろげて  
つぶすように折る  
Fold using the  
precreases and  
squash.



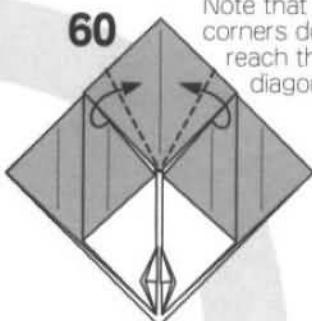
**57**  
縁と縁を合わせて  
折り筋をつける  
Precrease along  
the center line.



**59**  
内側をひろげて  
つぶすように折る  
Open and squash.



**60**  
カドを斜めに折る  
Valley folds.  
Note that the side  
corners do not  
reach the center  
diagonal.



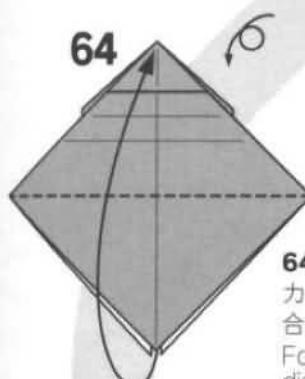
**61**  
縁と縁を合わせて  
折り筋をつける  
Precrease along  
the edges.



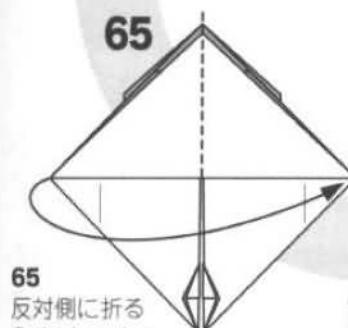
**62**  
■の部分を内側に折る  
Tuck the darkened parts  
to the inside.



縁をすき間に  
差し込む  
Tuck the folded  
edges under the  
white fingertips.

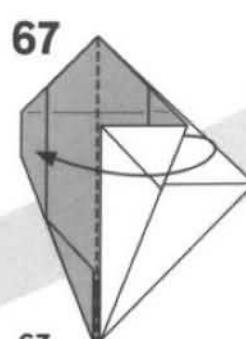


**64**  
カドとカドを  
合わせて折る  
Fold up  
diagonally.

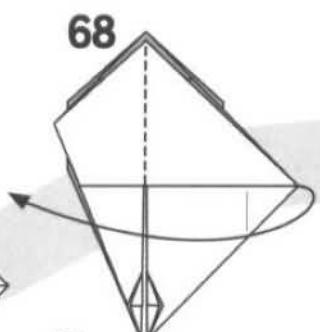


**65**  
反対側に折る  
Swivel to the  
right.

**66**  
縁を中心  
に合わせて  
折る  
Fold the right  
edge to the center.



**67**  
カドを反対側に  
折る  
Swivel to the left.

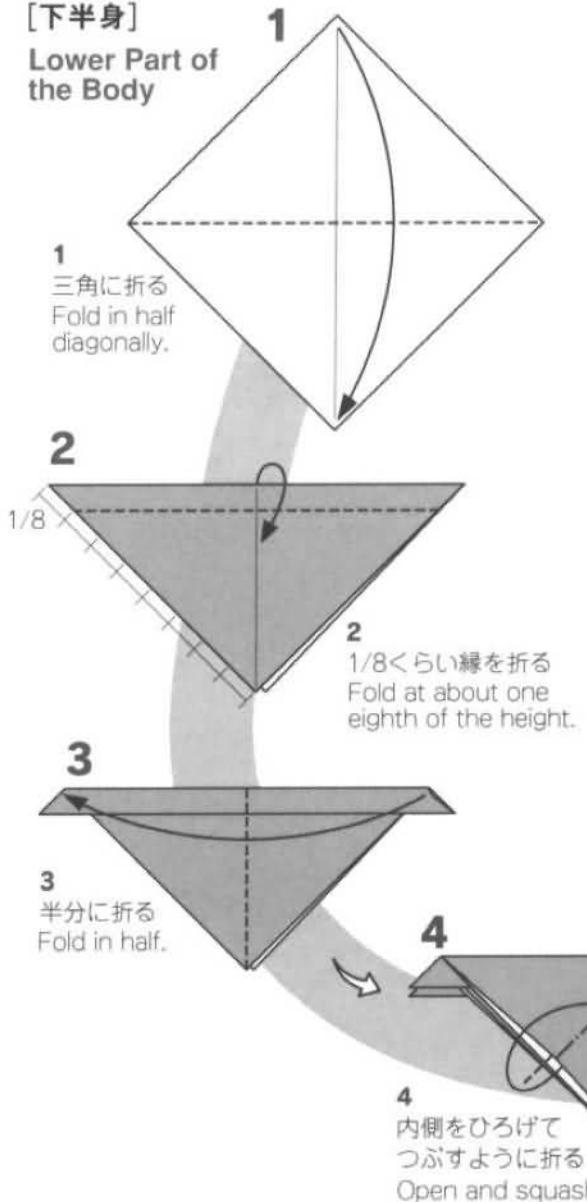


**68**  
反対側も65~67と同じ  
Repeat 65~67 on the  
right side.

# 1 ファンタジー／鳥獣戯画の蛙

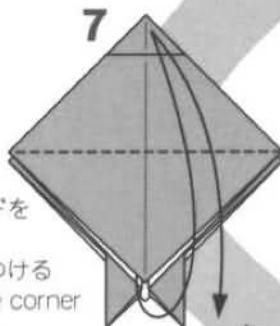
[下半身]

Lower Part of  
the Body



8

カドを中心に合わせて  
折り筋をつける  
Precrease side corners to the center.



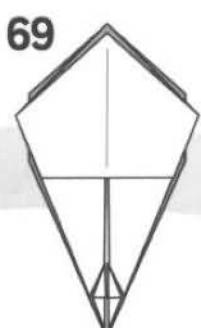
6

上のカドと  
下のカドを  
それぞれ  
反対側に折る  
Swivel on the top  
and bottom,  
to different directions.

5

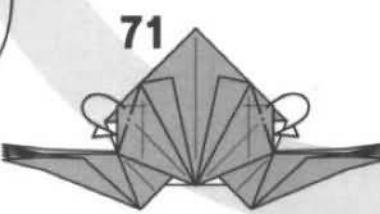
反対側も  
同じように折る  
Repeat on the  
back.

73

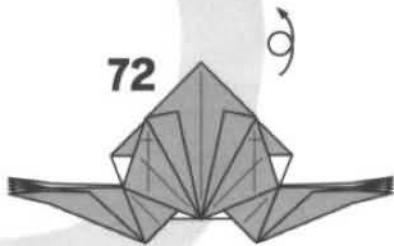


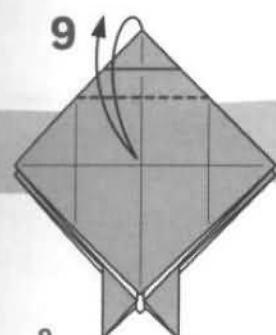
70

中わり折り  
Inside reverse  
fold.

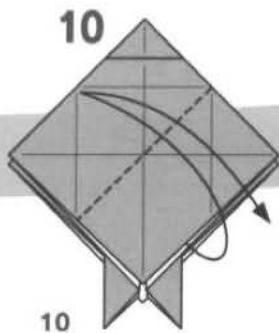


72

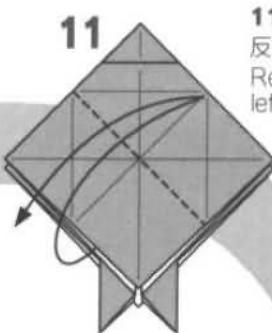




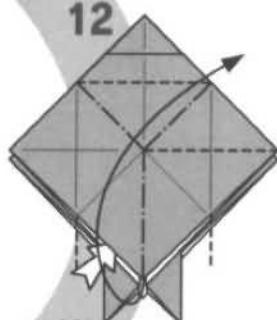
**9**  
カドを中心に行わせて  
折り筋をつける  
Precrease the top corner to the center.



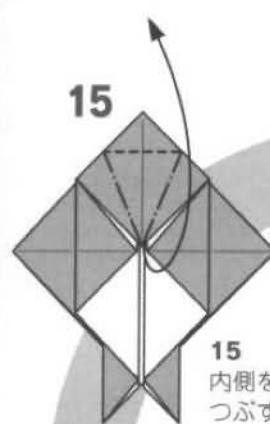
**10**  
縁と縁を合わせて  
斜めに折り筋をつける  
Precrease edge to edge.



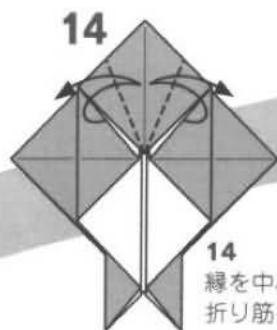
**11**  
反対側も同じ  
Repeat on the  
left side.



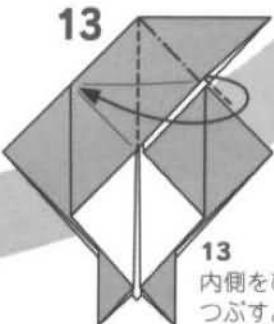
**12**  
つけた折り筋を使って  
内側をひろげて  
つぶすように折る  
Fold using precreases  
and squash.



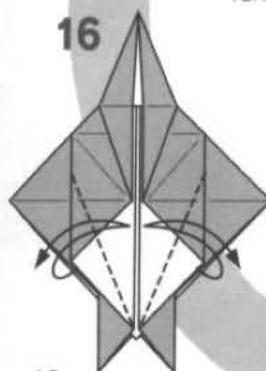
**15**  
内側をひろげて  
つぶすように折る  
Swivel and  
form a bird base.



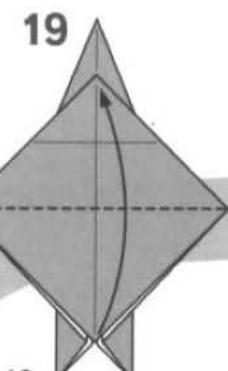
**14**  
縁を中心に行わせて  
折り筋をつける  
Precrease so that  
the lower side edges  
align with the center  
diagonal.



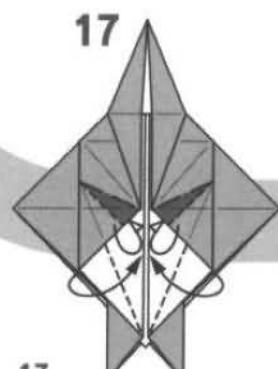
**13**  
内側をひろげて  
つぶすように折る  
Open and squash.



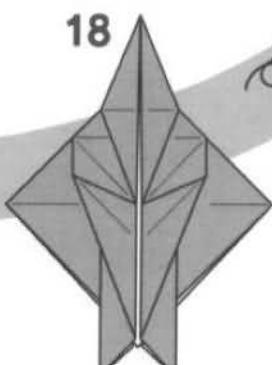
**16**  
縁と縁を合わせて  
折り筋をつける  
Precrease so that  
the lower edges  
align with the  
center line.



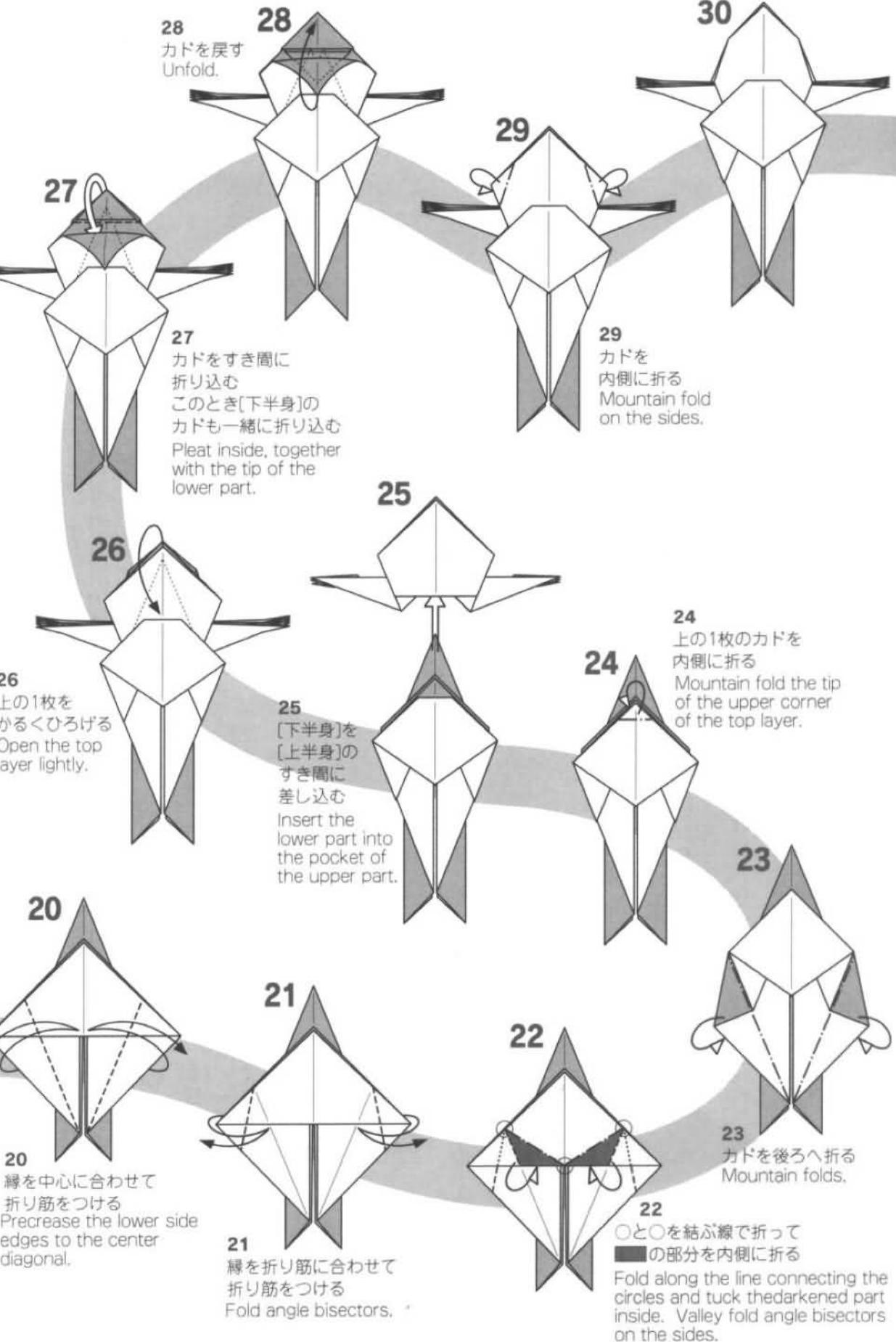
**19**  
カドとカドを  
合わせて折る  
Fold up diagonally.

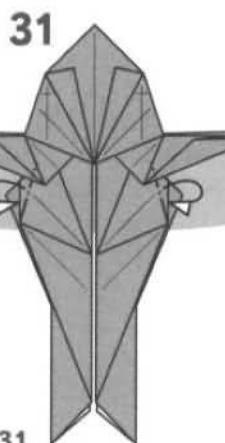


**17**  
■の部分を内側に折る  
Tuck the darkened part inside.

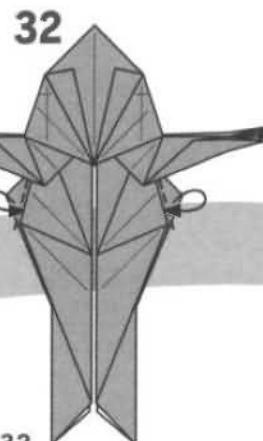


# 1 ファンタジー／鳥獣戯画の蛙

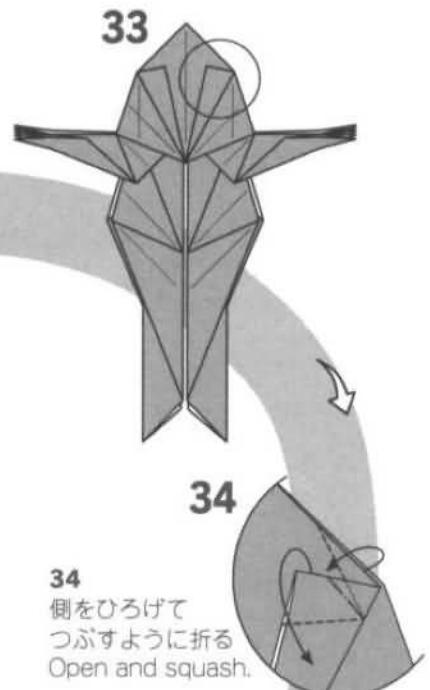




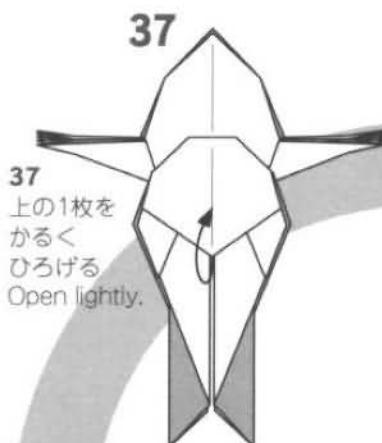
31  
カドを内側に折る  
Fold the corners of the body inside.



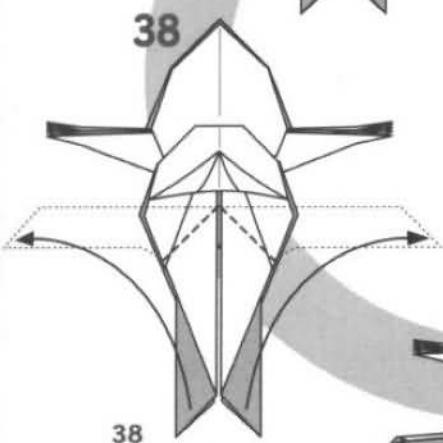
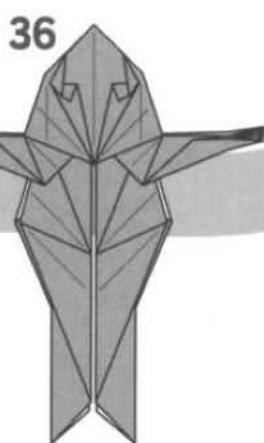
32  
カドを内側に折る  
Repeat on the other side.



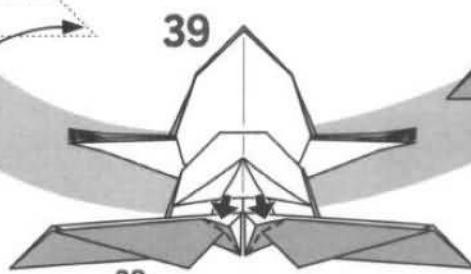
33  
34  
側をひろげて  
つぶすように折る  
Open and squash.



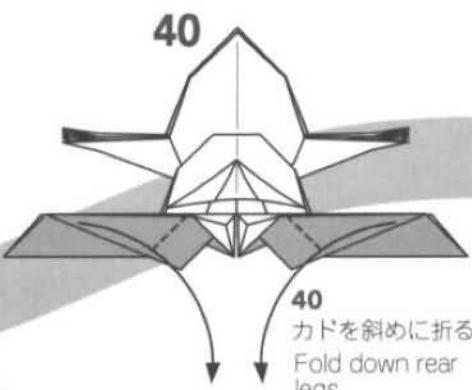
35  
反対側も同じ  
Repeat on the left side.



37  
上の1枚を  
かるく  
ひろげる  
Open lightly.

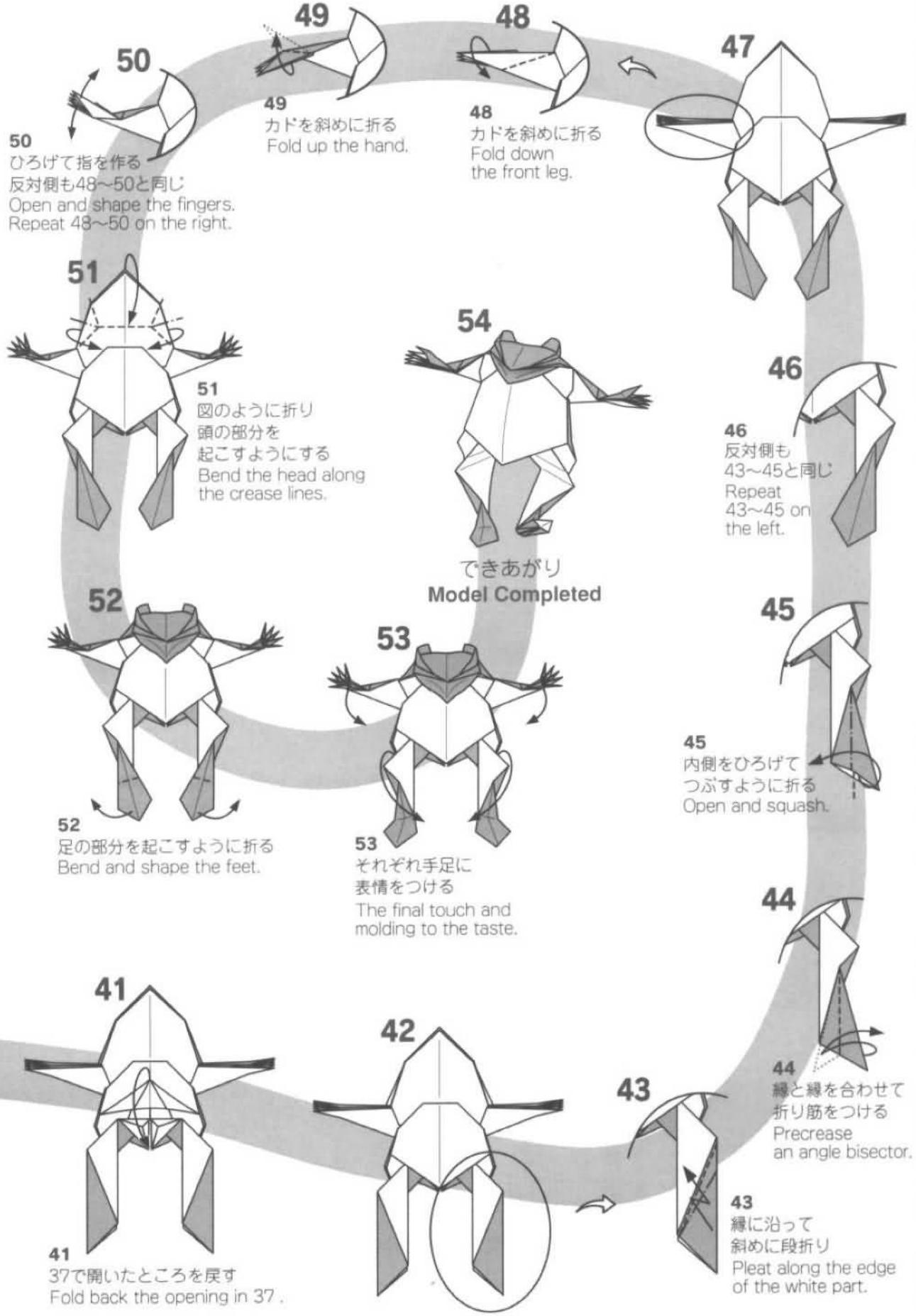


39  
つられて持ち上がった部分を  
つぶすように折る  
Squash the small part between the rear legs.



40  
カドを斜めに折る  
Fold down rear legs.

# 1 ファンタジー／鳥獣戯画の蛙



# ウサギ

## Rabbit

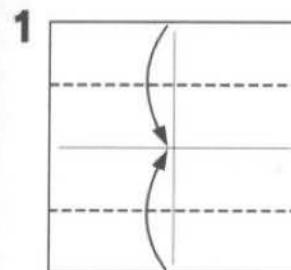
“ちょっと振り返る動物”3種(本作・カンガルー・パンダ)は、ほぼ同時期に創作したもので。イラストチックな仕上がりを目指したのに加え、複合作品を作るにあたっての、ささやかな狙いを定めました。複合作品は角の数を容易に揃える手段と見る傾向がありますが、本連作に対する作者の思いは違うところにありました。

A series of three animals turning back (Rabbit, Kangaroo, and Panda) are created at about the same time. Besides their caricaturistic appearances, I was thinking of something new when I decided that I would make them modular. (Continued ...)

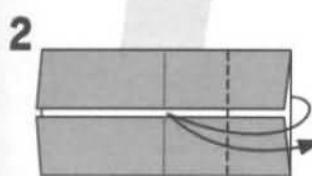


Created 1982 Paper 複合作品・2枚 : 2 pieces

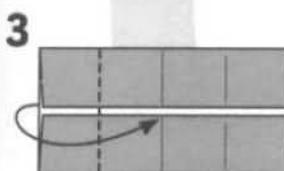
### [体] Body



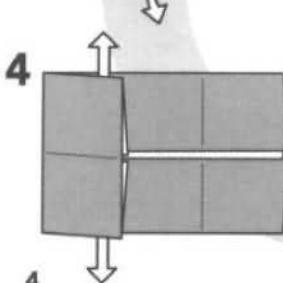
1 縁を中心に合わせて折る  
Valley fold edges to the center.



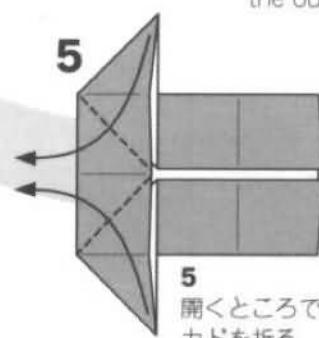
2 縁を中心に合わせて折り筋をつける  
Precrease the right edge to the center.



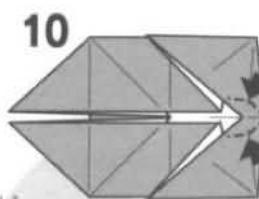
3 縁を中心に合わせて折る  
Fold the left edge to the center.



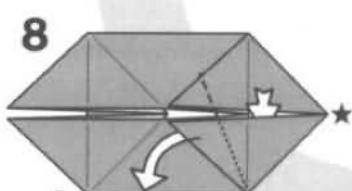
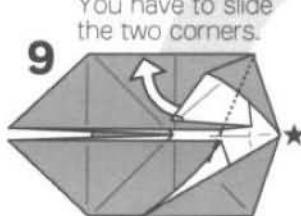
4 内側のカドを引き出してつまむように折る  
Pull out the hidden layers.



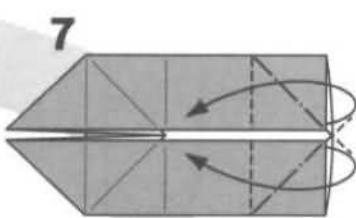
5 開くところでカドを折る  
Swivel corners.



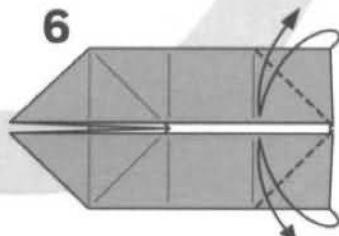
10 カドをつまんでつぶす  
Pinch the top corner (starred in 8) and squash the rest.



8 縁と縁を合わせて★のカドをおこし内側をひろげてずらすように折る  
Slide the new corners created in 7 and align the inner edges with the outer edges.



7 内側をひろげてカドをつまむように折る  
Open and squash.



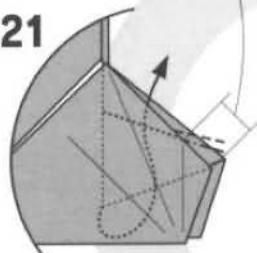
6 縁と縁を合わせて折り筋をつける  
Precrease so that the right edges meet the horizontal center line.

## 2 動物／ウサギ

カドから少し離した  
ところで中わり折り

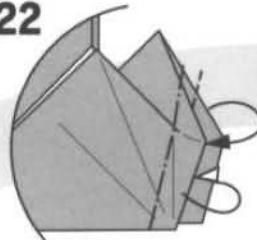
Inside reverse fold  
the inner corner.  
Leave some length  
untouched in the rear.

**21**



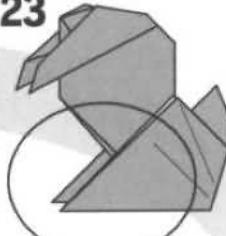
内側のカドを  
中わり折りして  
少し立体的にする  
The outcome will become  
three-dimensional.

**22**

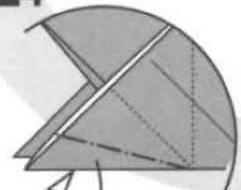


カドを内側に折る  
Mountain fold the rear.  
Repeat on the other side.

**23**



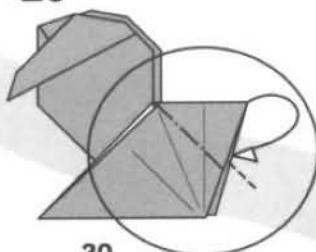
**24**



**24**

後ろへ斜めに折る  
Mountain fold to  
form the foot.

**20**



カドを内側に折る  
Inside reverse fold.

**19**



**19**

カドを内側に折る  
Mountain fold the  
tips of the corners.

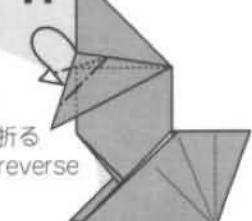
**18**



**18**

反対側も  
16~17と同じ  
Repeat 16~17 on  
the other side.

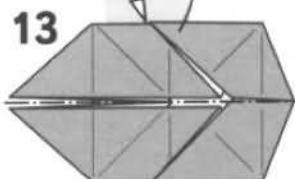
**17**



**17**

カドを  
内側に折る  
Inside reverse  
fold.

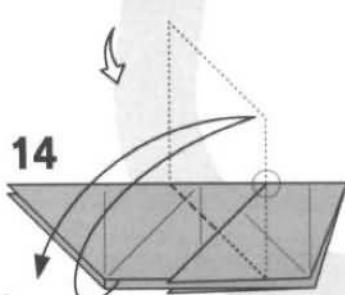
**13**



**13**

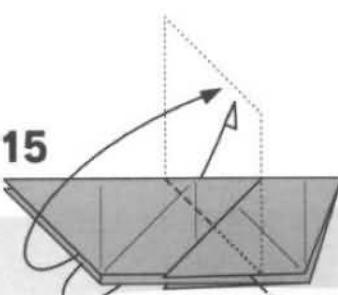
後ろへ半分に折る  
Mountain fold in  
half.

**14**



縁を○のところに  
合わせて折り筋をつくる  
Precrease so that the bottom  
edge touches the circled point.

**15**



**15**

つけた折り筋で  
かぶせ折り  
Outside reverse fold.

**16**

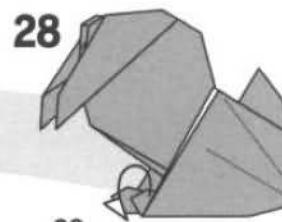


**16**

カドを  
斜めに折る  
Fold down.



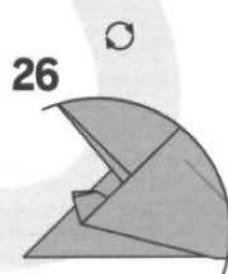
**27**  
カドを内側に折る  
Inside reverse fold.



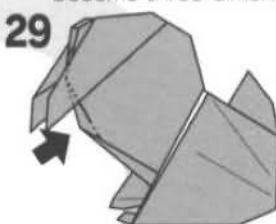
**28**  
後ろ足の部分を  
平らにして立たせる  
反対側も同じ  
Pull down the feet  
so that it stands.



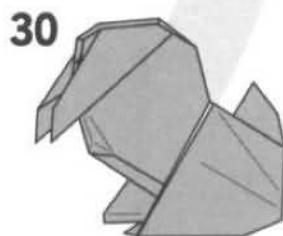
**25**  
カドを内側に折る  
Inside reverse fold.



**26**  
反対側も24~25と同じ  
Repeat 24~25 on the  
other foot.

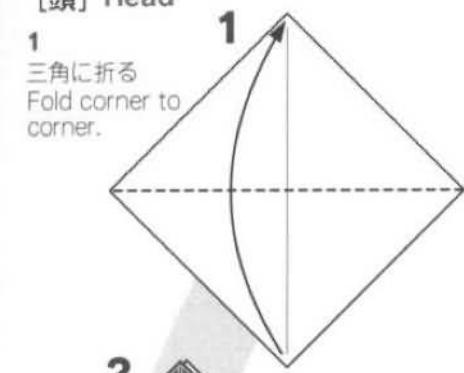


**29**  
黒矢印の部分を押し込んで  
内側をひろげて立体的にする  
Mold the arrowed part to  
your taste so that it will  
become three-dimensional.

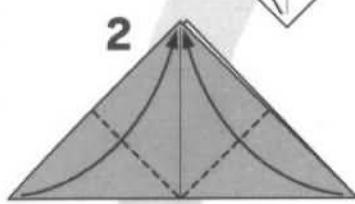


[体]のできあがり  
[Body] Completed

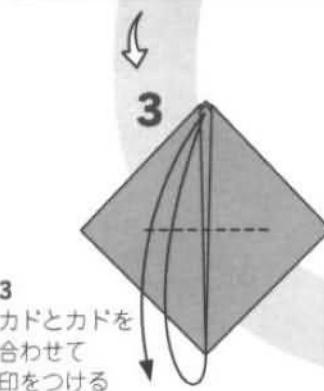
### [頭] Head



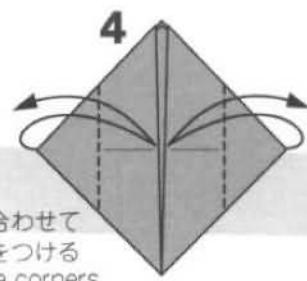
**1**  
三角に折る  
Fold corner to corner.



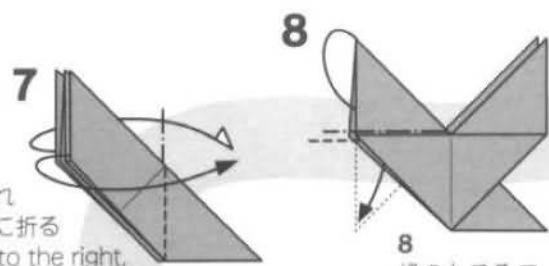
**2**  
カドとカドを  
合わせて折る  
Fold side corners to  
the top corner.



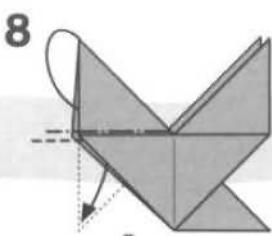
**3**  
カドとカドを  
合わせて  
印をつける  
Mark the center along  
the diagonal.



**4**  
カドを  
中心に合わせて  
折り筋をつける  
Fold the corners  
to the mark.



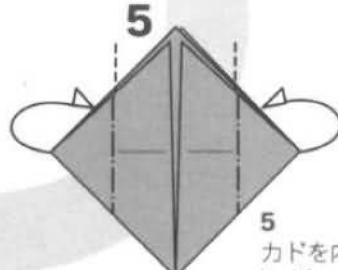
**7**  
それぞれ  
反対側に折る  
Swivel to the right.



**8**  
縁のところで  
中わり折り  
Inside reverse fold.



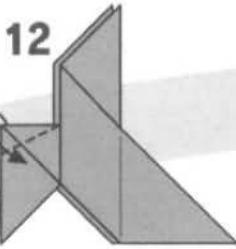
**6**  
後ろへ半分に折る  
Mountain fold  
in half.



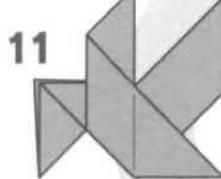
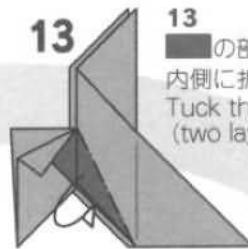
**5**  
カドを内側に折る  
Inside reverse  
folds.

## 2 動物／ウサギ

12  
カドを斜めに折る  
Valley fold down.

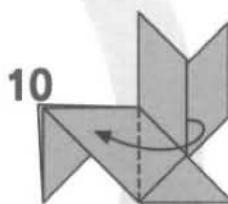
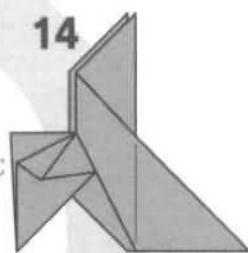


13  
の部分を2枚重ねて  
内側に折る  
Tuck the darkened part  
(two layers) inside.

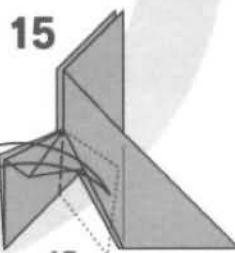
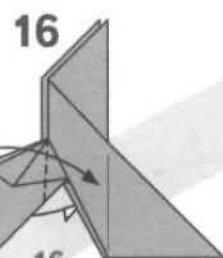


11  
反対側も  
9~10と同じ  
Repeat 9~10  
on the back.

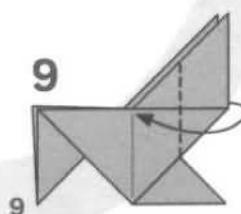
14  
反対側も12~13と同じ  
Repeat 12~13 on  
the back.



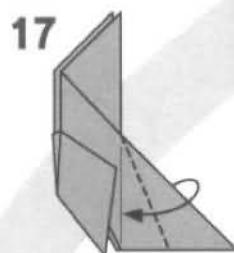
10  
開くところで  
反対側に折る  
Swivel to the left.



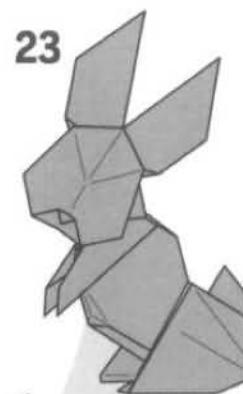
15  
カドを斜めに折って  
折り筋をつける  
Precrcrease so that the  
head tilts a little bit.



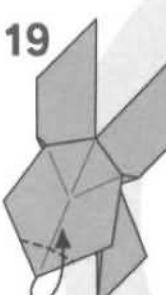
9  
カドを折り筋に  
合わせて折る  
Fold the right middle  
corner to the top of  
the center line.



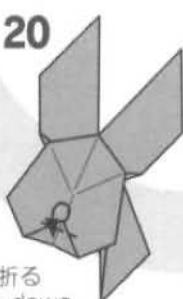
17  
縁を折り筋に  
合わせて折る  
Fold edge to  
edge.



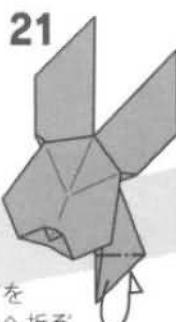
23  
できあがり  
Model Completed



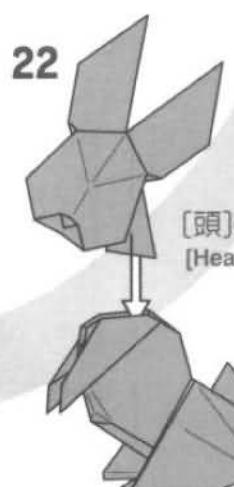
18  
顔の部分をひろげて  
立体的にする  
Open the face part.  
The result will become  
three-dimensional.



20  
カドを少し折る  
Fold the tip down.



21  
カドを  
後ろへ折る  
Mountain fold the neck.



22  
[頭]を[体]のすき間に  
差し込む  
Insert the neck into  
the body.

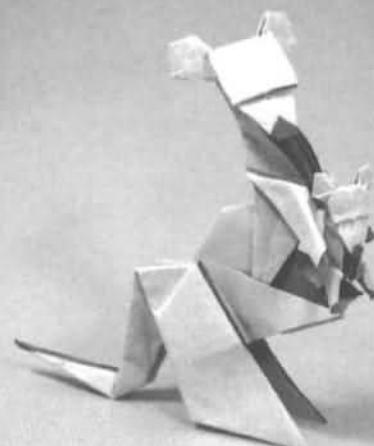
# カンガルー

## Kangaroo

ウサギ、カンガルー、パンダはそれぞれの下半身だけを見ると、それが何だかわからない不可思議な形をしています。気の向くままに折っていると、何にも見えなくとも、何とも魅力を感じる形に出会うことがあります。何だかわからない、でも何となく魅力的と感じる形を作品に定着させる方法として複合を捉え始めたのがこの頃です。

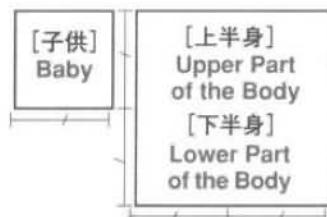
(Continued from notes on "Rabbit")

The three animals' lower parts are all of the shapes from which we cannot imagine what they are a part of. However, they are all of attractive shapes at the same time. A modular approach can provide you with a way to give such shapes their lives by combining them with something else.



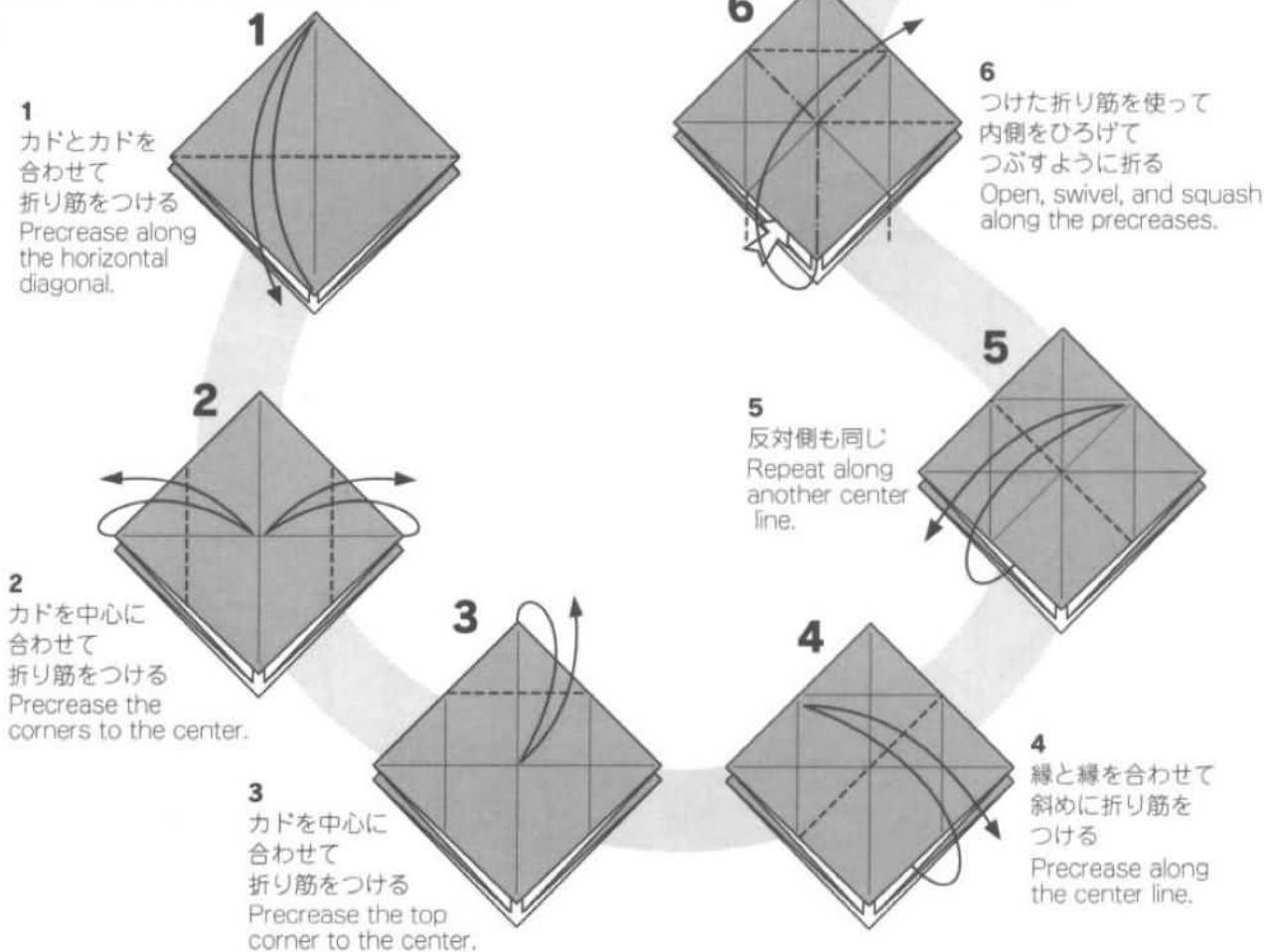
Created 1984 | Paper 複合作品・3枚 : 3 pieces

[紙の比率]  
Paper Size

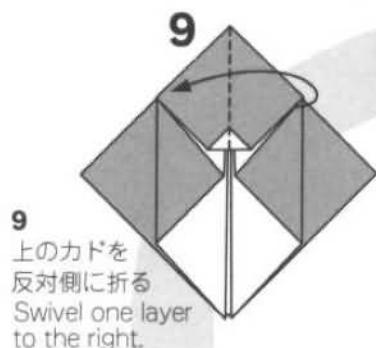


### [上半身] Upper Part of the Body

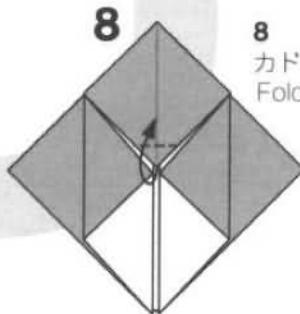
P. 8 [正方基本形] からはじめる  
Start with [Preliminary Base]. (P. 8)



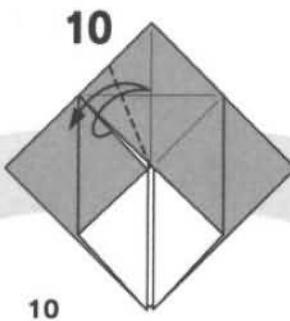
## 2 動物／カンガルー



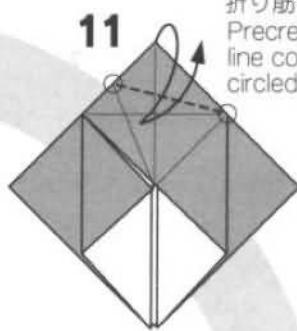
**9**  
上のカドを  
反対側に折る  
Swivel one layer  
to the right.



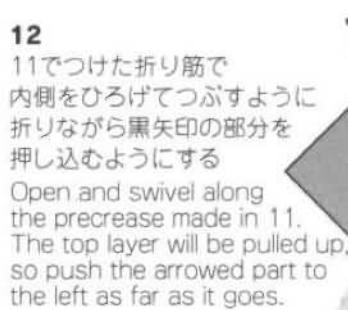
**8**  
カドを少し上に折る  
Fold up the tip.



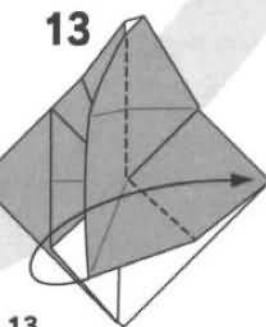
**10**  
縁を中心<sup>1</sup>に合わせて  
折り筋をつける  
Precrease the left  
edge to the diagonal.



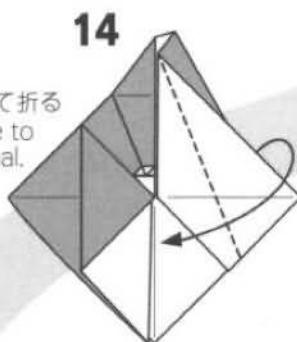
**11**  
上の1枚だけ  
○と○を結ぶ線で  
折り筋をつける  
Precrease along the  
line connecting the  
circled points.



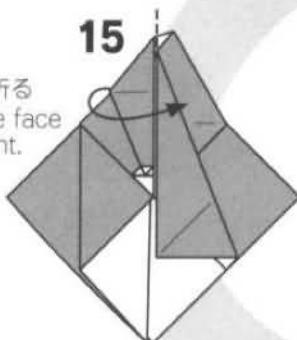
**12**  
11でつけた折り筋で  
内側をひろげてつぶすように  
折りながら黒矢印の部分を  
押し込むようにする  
Open and swivel along  
the precrease made in 11.  
The top layer will be pulled up,  
so push the arrowed part to  
the left as far as it goes.



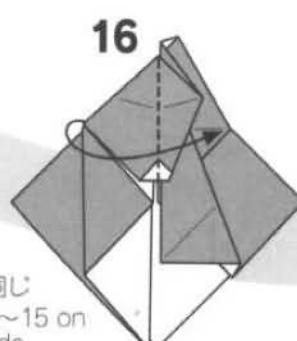
**13**  
つられて上がった部分を  
つぶすように折る  
Fold the pulled-up part to  
the right, so the whole  
thing will be flat.



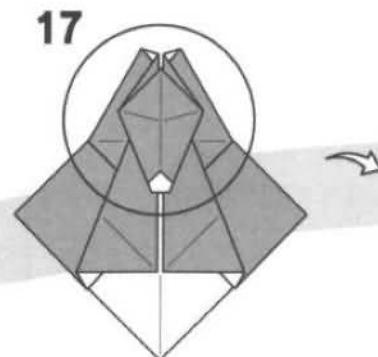
**14**  
縁を中心<sup>1</sup>に合わせて折る  
Fold the top edge to  
the center diagonal.

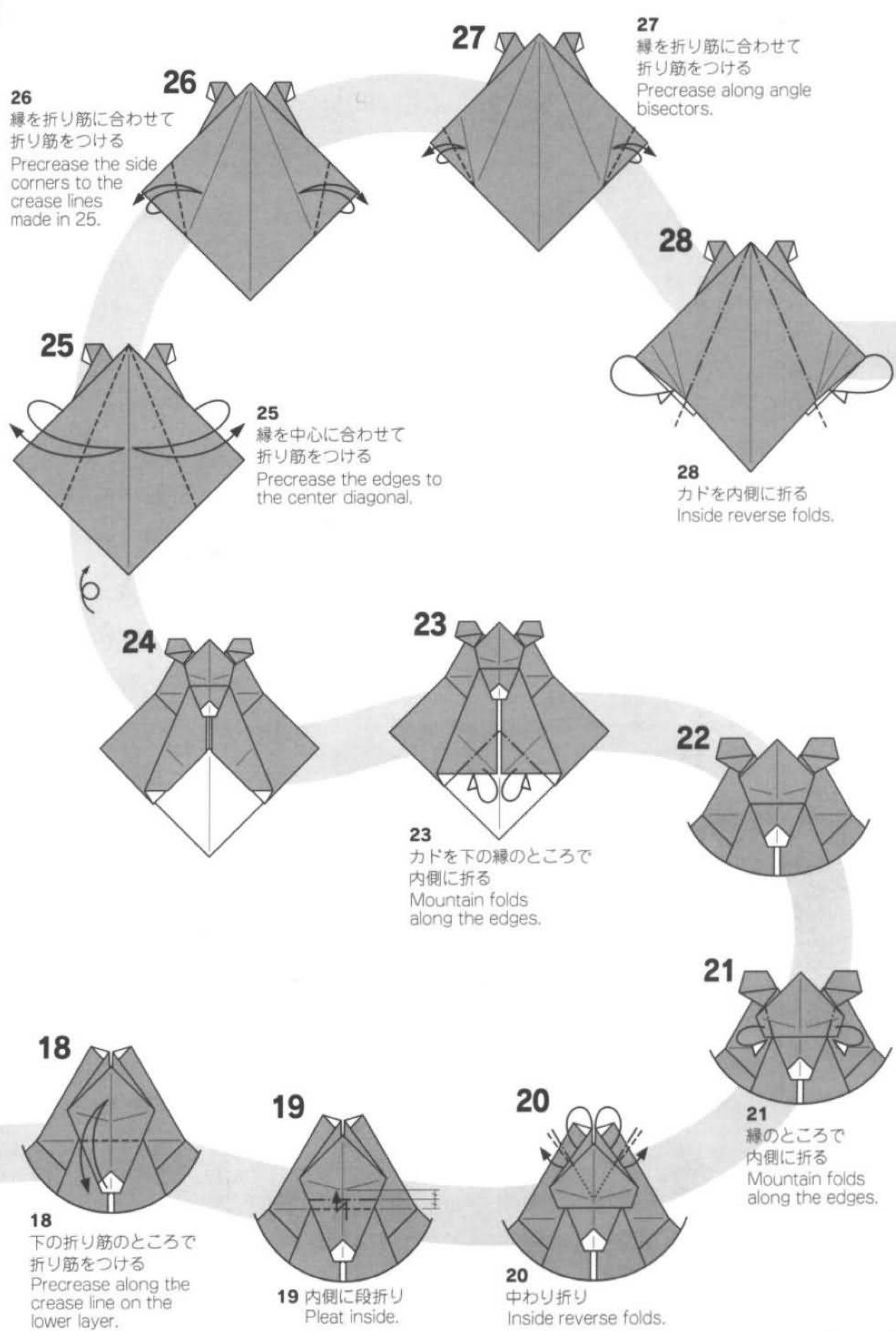


**15**  
反対側に折る  
Swivel the face  
to the right.

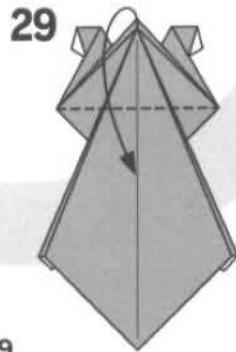


**16**  
反対側も  
9～15と同じ  
Repeat 9～15 on  
the left side.

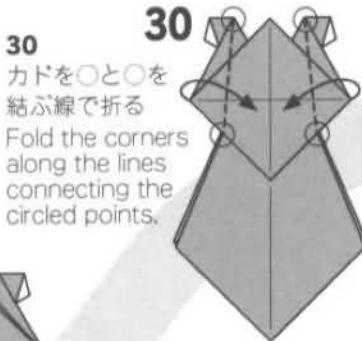




## 2 動物／カンガルー



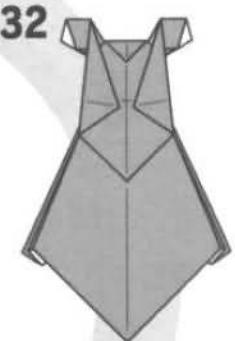
**29**  
カドをひらくところで下に折る  
Swivel the top layer as far as it goes.



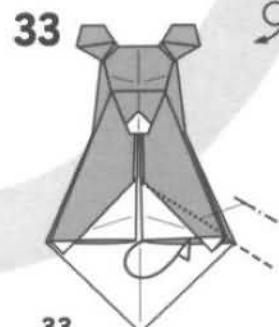
**30**  
カドを○と○を結ぶ線で折る  
Fold the corners along the lines connecting the circled points.



**31**  
カドを下に折る  
Fold down the top of the head.



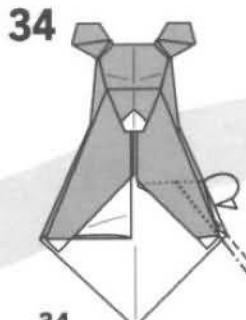
**32**



**33**  
ついている折り筋で縁と縁を合わせてカドを内側に折る  
Inside reverse fold along the precreases.



**35**  
反対側も33～34と同じ  
Repeat 33～34 on the left.



**34**  
ついている折り筋で縁と縁を合わせてカドを内側に折る  
Inside reverse fold along the precreases.

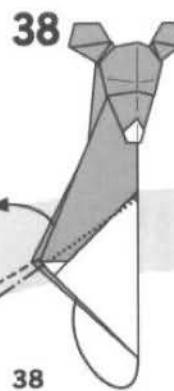


**36**  
後ろへ半分に折る  
Mountain fold in half.

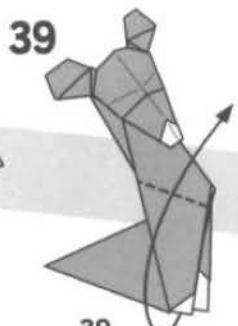
この部分は内側だけ折る  
Do not fold the head.



**37**  
後ろへ軽く折って立体的にする  
Pinch the face a little, so that it becomes three-dimensional.



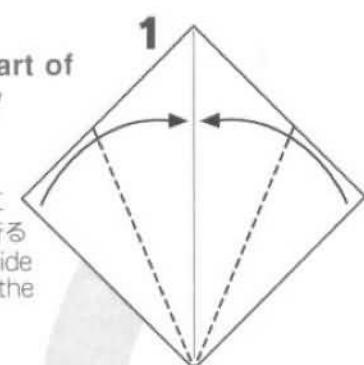
**38**  
内側の縁に合わせて中わり折り  
Inside reverse fold along the inner edges.



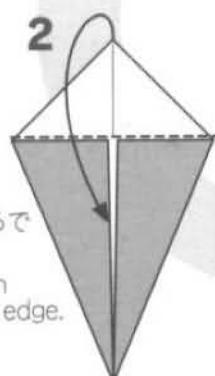
**39**  
開くところでカドを斜めに折る  
Swivel up.

[下半身]  
Lower Part of  
the Body

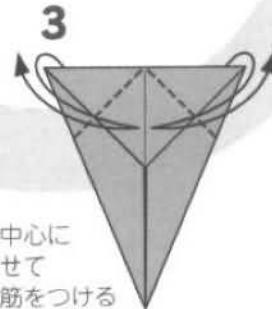
1 縁を中心に  
合わせて折る  
Fold the side corner to the diagonal.



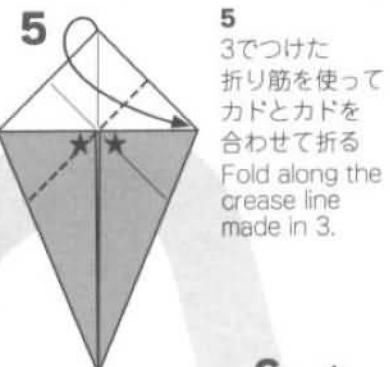
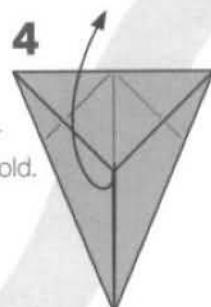
2 縁のところで  
折る  
Fold down along the edge.



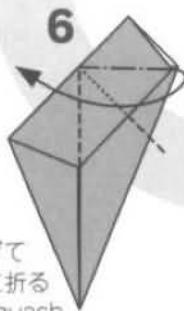
3 縁を中心に  
合わせて  
折り筋をつける  
Fold the corners to the center line.



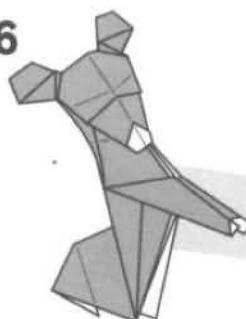
4 戻す  
Unfold.



5 3でつけた  
折り筋を使って  
カドとカドを  
合わせて折る  
Fold along the  
crease line  
made in 3.

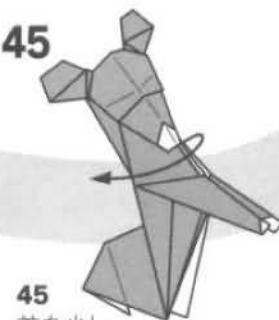


46



[上半身]の  
できあがり  
[Upper Part ]  
Completed

45



45 首を少し  
カーブさせる  
Bend the neck.

44

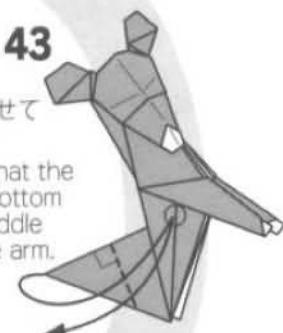


44

つけた折り筋と  
縁の交点のところで  
中わり折り  
Inside reverse fold at  
the end of the crease  
line made in 43.

43

カドを縁に合わせて  
折り筋をつける  
Precrease so that the  
corner at the bottom  
touches the middle  
edge below the arm.



41

縁と縁を合わせて  
後ろへ折る  
Mountain fold  
edge to edge.

42

反対側も39~41と  
同じ  
Repeat 39~41 on  
the other arm.

40

縁を折り筋に  
合わせて折る  
Fold down along  
the crease line.

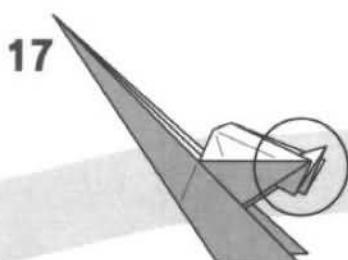
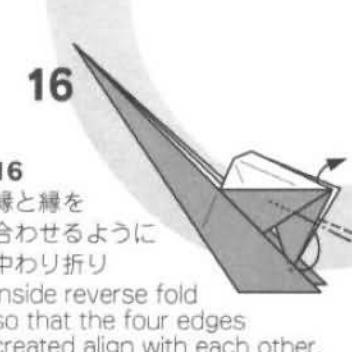
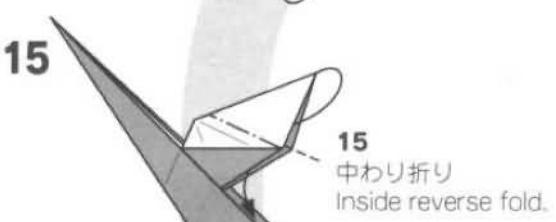
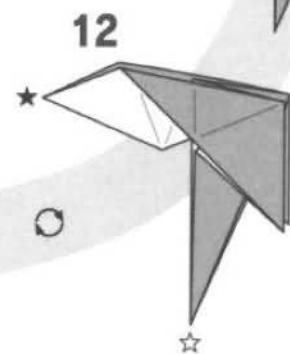
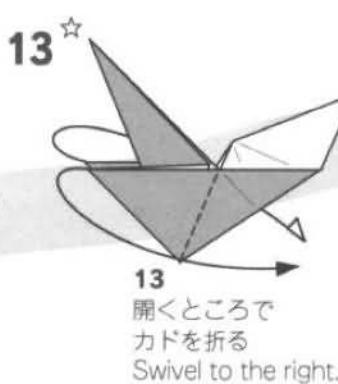
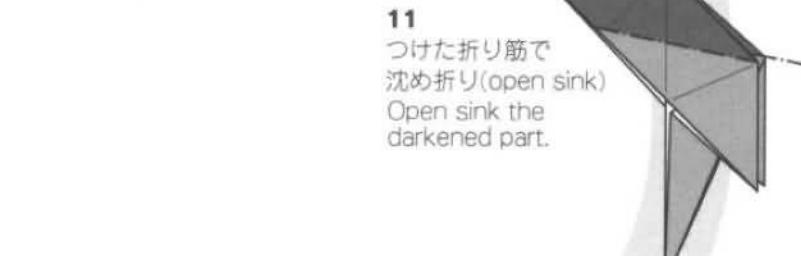
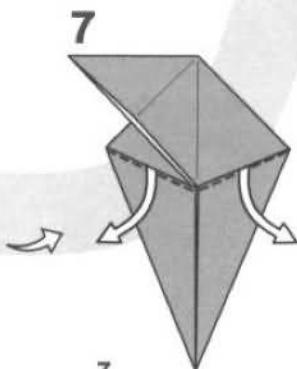
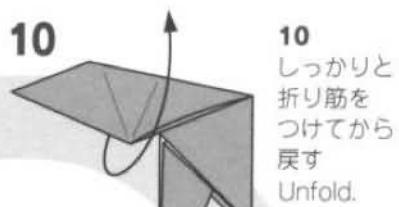
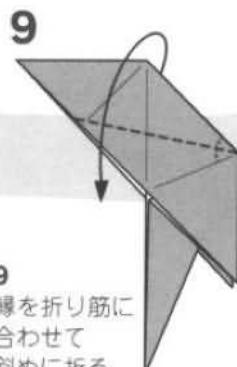
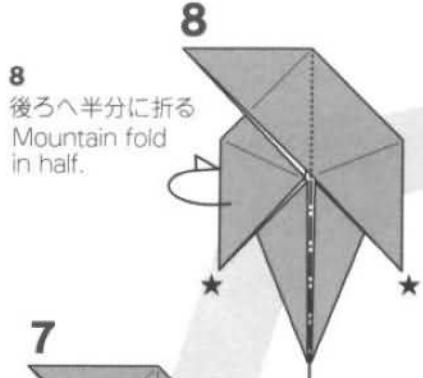
40



41



## 2 動物／カンガルー



## [組み立て方]

## Assembly



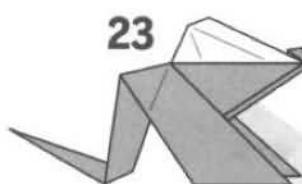
**1**  
上半身のカドを  
下半身の部分の  
すき間に差し込む  
Insert the bottom  
corners of the upper  
part into the pockets  
on the top of the  
lower part.



**2**  
途中の図  
カドをすき間に  
差し込む  
Inserting...



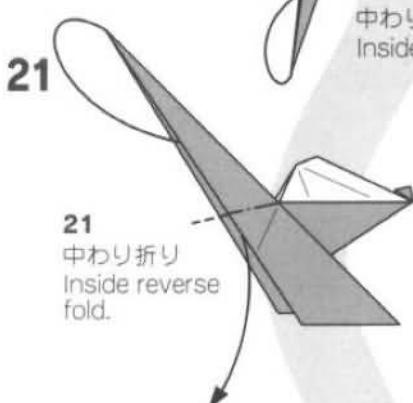
**3**  
袋の部分を  
立体にする  
Make the pouch  
three-dimensional.



**23**  
[下半身]の  
できあがり  
[Lower Part]  
Completed



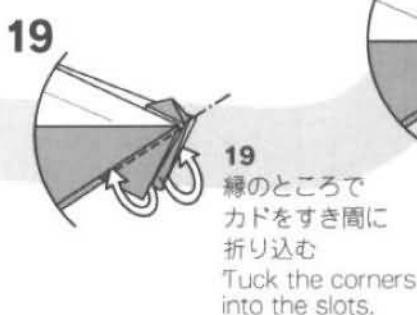
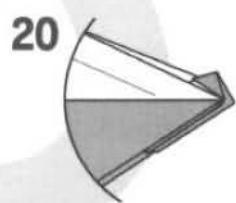
**22**  
中わり折り  
Inside reverse fold.



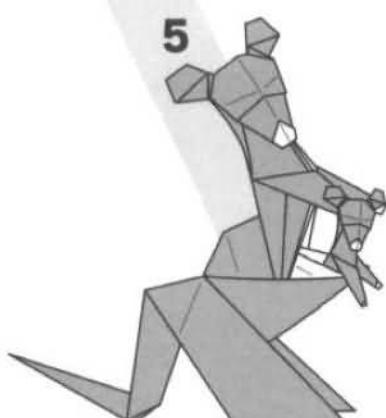
**21**  
中わり折り  
Inside reverse fold.



**4**  
1/4の紙でもう一つ  
上半身を作り  
袋の部分に差し込む  
Make the upper part  
of a young with a  
sheet of the quarter  
size and insert it into  
the pouch.



**19**  
縁のところ  
カドをすき間に  
折り込む  
Tuck the corners  
into the slots.



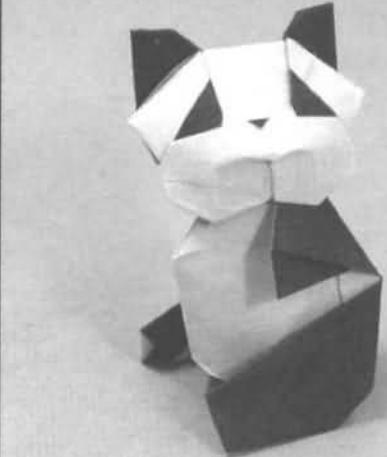
できあがり  
Model Completed

# パンダ

## Panda

正方形を2回“きっちり折り”して出来る形を幾つか考えてみましょう。図3のシルエットを真っ先に考える人は希です。この折り出しを作品に定着させたいとの思いが、パンダの下半身に結びついています。TVチャンピオンで、このパンダの顔を「話しかけているみたい」と評してくれた女の子の言葉が忘れられません。

Can you imagine the shape of 3 can be obtained by only two folds from a square? When I created Panda, I wanted to give this wondrous shape a life in origami. I still remember a girl commenting on this Panda that it looks like talking to her, when I displayed it for a TV program.



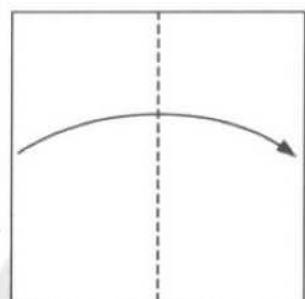
Created 1982 Paper 複合作品・2枚 : 2 pieces

### [体] Body

[頭]が15×15cmの場合、  
[体]は18×18cmの紙で  
折ると良い

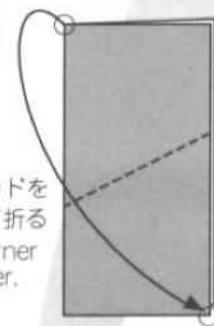
When using a 15cm × 15cm sheet for the head,  
the body should be  
folded with 18cm × 18cm.

1



1  
半分に折る  
Fold in half.

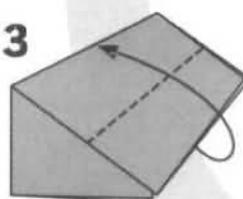
2



2

カドとカドを  
合わせて折る  
Fold corner to corner.

3



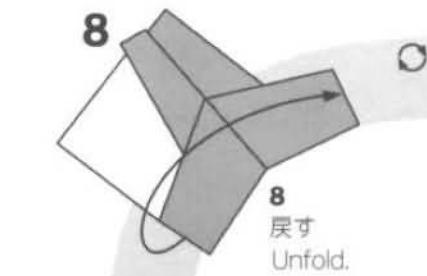
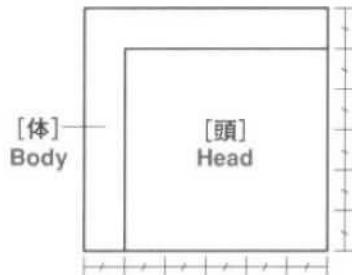
3

縁と縁を合わせて折る  
Fold edge to edge.

4

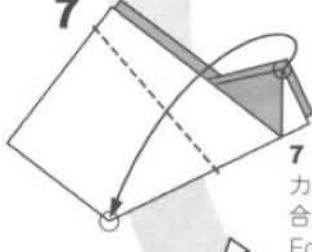
しっかりと  
折り筋を  
つけてから  
2の形まで戻す  
Unfold to 2.

### [紙の比率] Paper Size



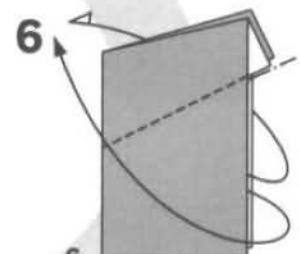
8  
戻す  
Unfold.

7



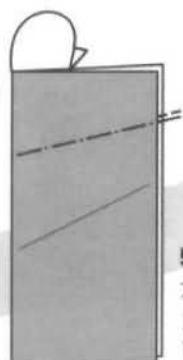
7  
カドとカドを  
合わせて折る  
Fold corner to corner.

6



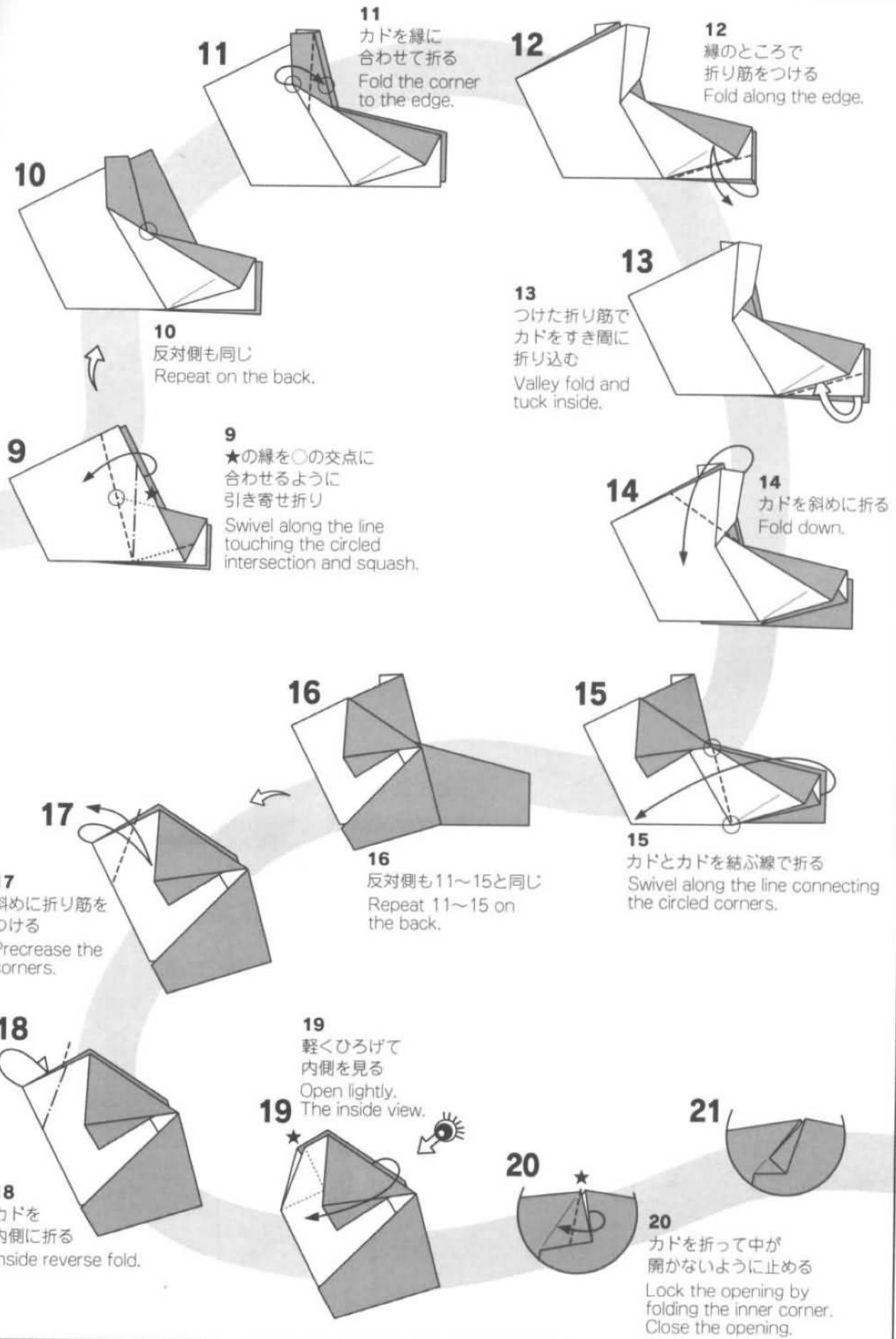
6  
かぶせ折り  
Outside reverse fold  
along the crease line.

5



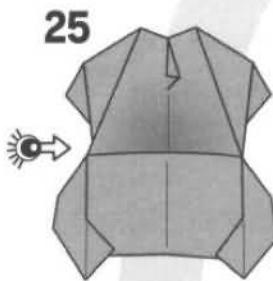
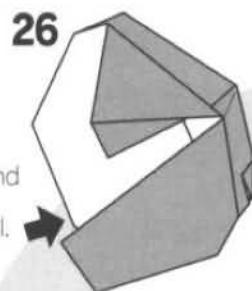
5

カドを内側に折る  
Inside reverse fold along  
the crease line.



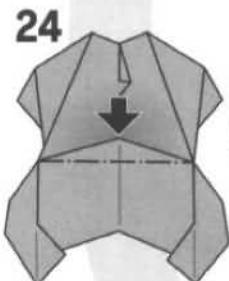
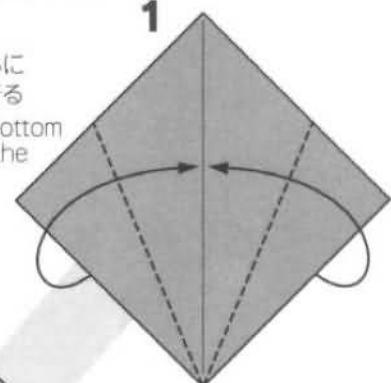
## 2 動物／パンダ

26 矢印の部分を押し込んで内側をひろげて立体的にする  
Push the belly and make the body three-dimensional.

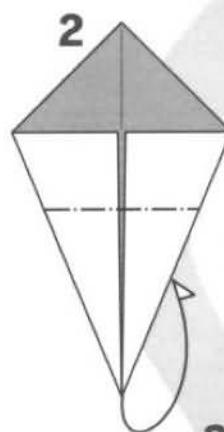


[頭] Head

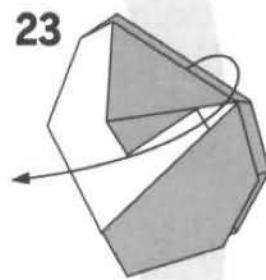
1 カドを中心に合わせて折る  
Fold the bottom edges to the diagonal.



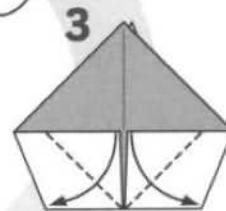
24 黒矢印の部分を押し込んでひろげる  
Push and flatten the arrowed corner.



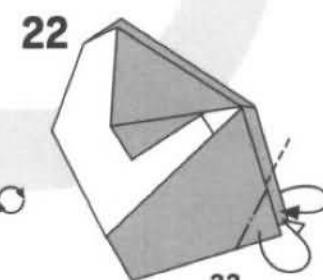
2 カドとカドを合わせて後ろへ折る  
Mountain fold corner to corner.



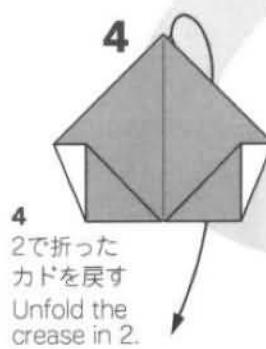
23 軽くひろげて内側を見る  
Open lightly. The inside view.



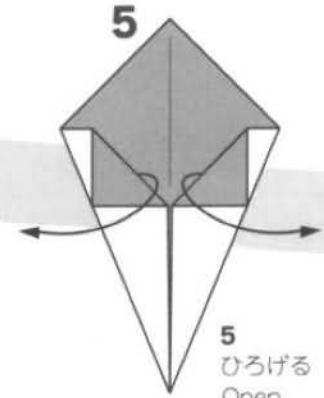
3 縁と縁を合わせて折る  
Fold and align the center edge with the bottom edge.



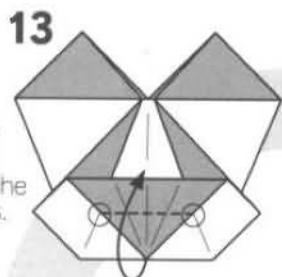
22 カドを内側に折る  
Tuck the corners inside.



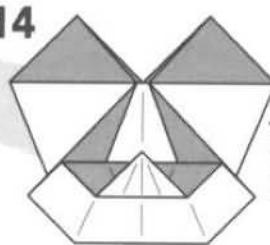
4 2で折ったカドを戻す  
Unfold the crease in 2.



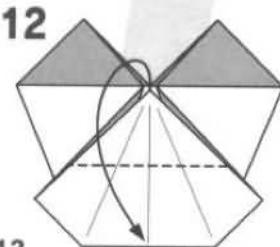
5 ひろげる  
Open.



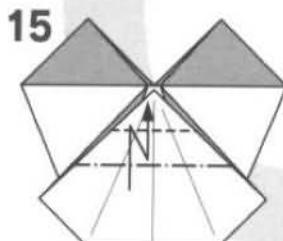
13  
○と○を  
結ぶ線で折る  
Fold the line  
connecting the  
intersections.



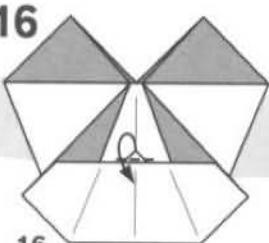
14  
12の形に戻す  
Unfold to 12.



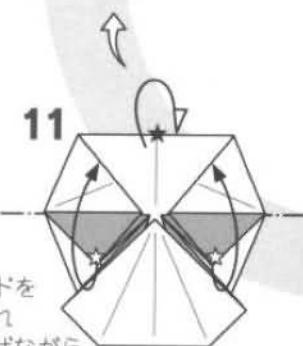
12  
カドを縁に合わせて折る  
Fold down the corner  
to the bottom edge.



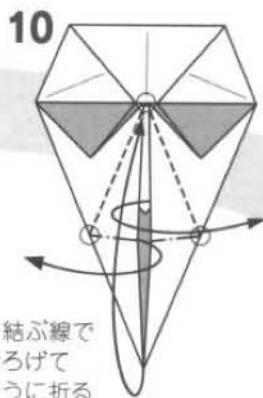
15  
内側に段折り  
Pleat inside.



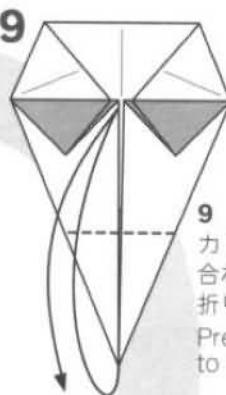
16  
カドを縁のところで  
下に折る  
Valley fold the tip down.



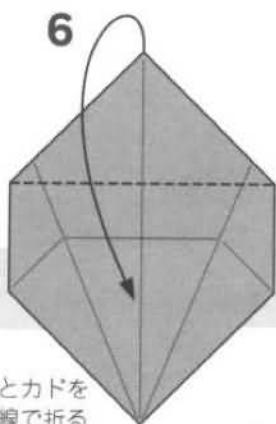
11  
☆のカドを  
それぞれ  
折り上げながら  
★の部分を後ろへ折る  
Swivel the top part along  
with the colored triangles.



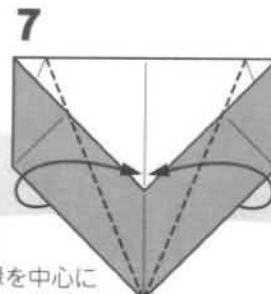
10  
○と○を結ぶ線で  
内側をひろげて  
つぶすように折る  
Open at the ends of  
the precrease in 9  
and squash.



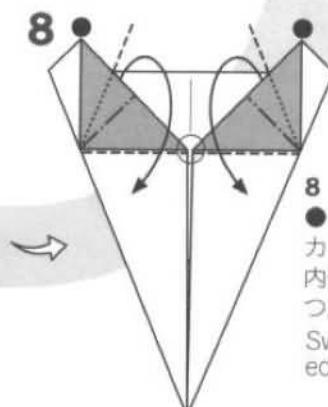
9  
カドとカドを  
合わせて  
折り筋をつける  
Precrease corner  
to corner.



6  
カドとカドを  
結ぶ線で折る  
Fold along the line  
connecting the side corners.

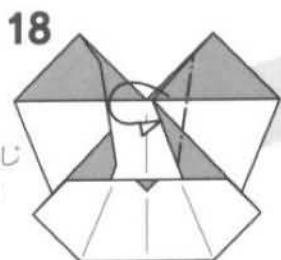


7  
縁を中心  
に合わせて折る  
Fold the edges to  
the center.

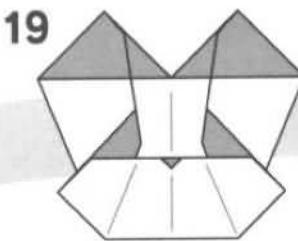


8  
●のカドを○の  
カドに合わせて  
内側をひろげて  
つぶすように折る  
Swivel along the  
edges and squash.

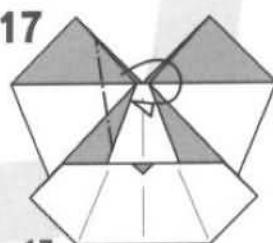
2 動物／パンダ



18  
反対側も同じ  
Repeat on the right.

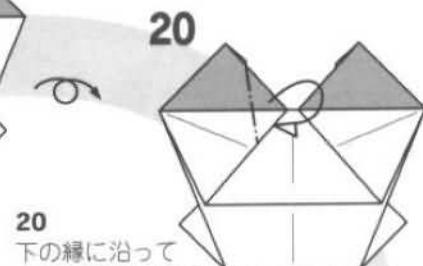


19

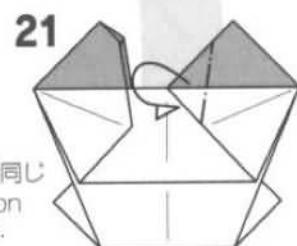


17

カドを後ろに折る  
Tuck the corner inside.

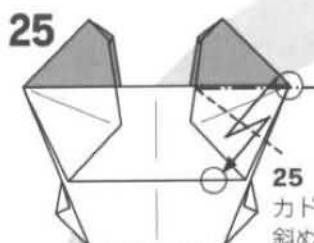


20  
下の縁に沿って  
カドを後ろへ折る  
Repeat tucking inside along the edge.



21

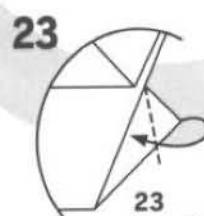
21  
反対側も同じ  
Repeat on the right.



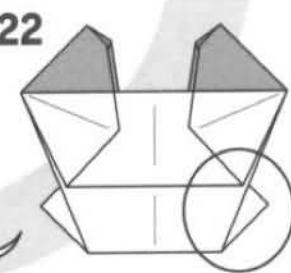
25  
カドを縁に合わせて  
斜めに段折り  
Pleat down so that  
the side corner touches  
the middle edge.



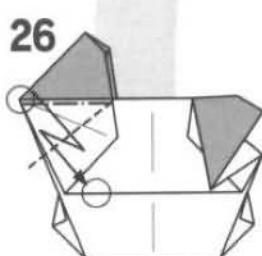
24  
反対側も同じ  
Repeat on the left.



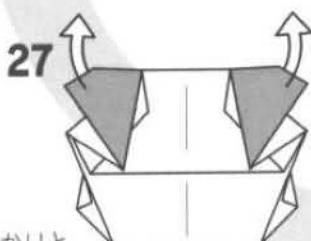
23  
縁と縁を合わせて折る  
Fold edge to edge.



22

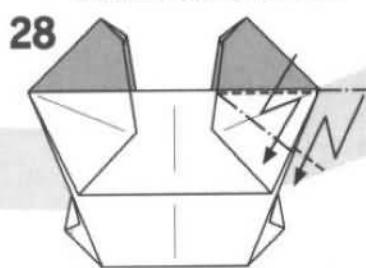


26  
反対側も同じ  
Repeat on the left.

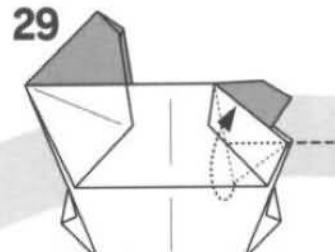


27  
しっかりと  
折り筋をつけてから  
25の形に戻す  
Unfold to 25.

28  
内側に斜めに段折り  
Pleat inside along the  
crease lines made in 25.



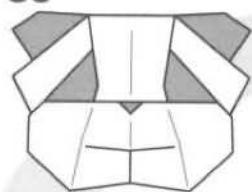
28



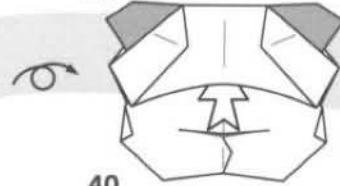
29

29  
内側のカドを折って留める  
Lock the ear by folding up  
the hidden corner.

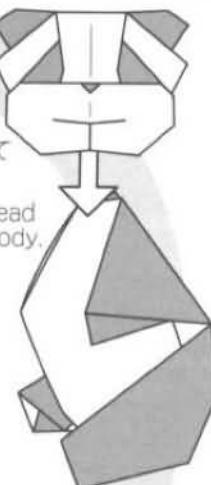
39



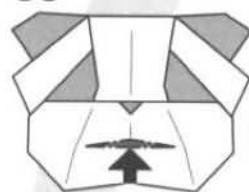
40



41

[頭]のできあがり  
[Head] Completed

38



■の部分を

押し込んで口を作る  
Push in and mold  
the mouth.

41

[体]に重ねて  
のりづけ  
Glue the head  
onto the body.

37



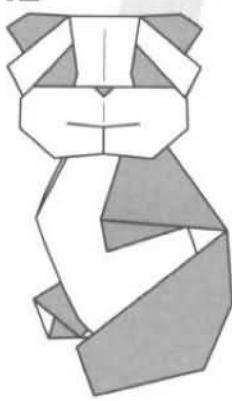
36



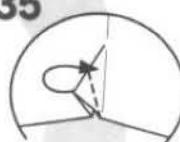
36

カドを反対側に折る  
Swivel to the right.

42

できあがり  
Model Completed

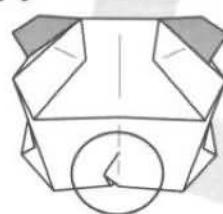
35



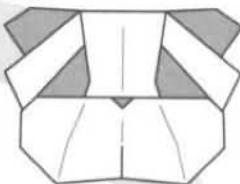
35

縁を折り筋に  
合わせて折る  
Lock the face by  
folding the corner.

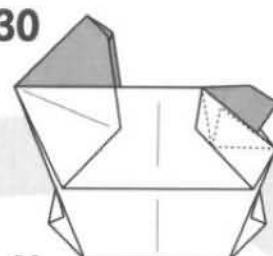
34



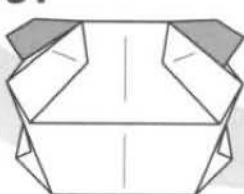
33



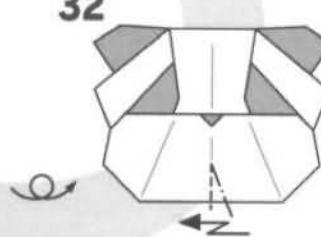
30

30  
反対側も28~29と同じ  
Repeat 28~29 on the left.

31



32



32

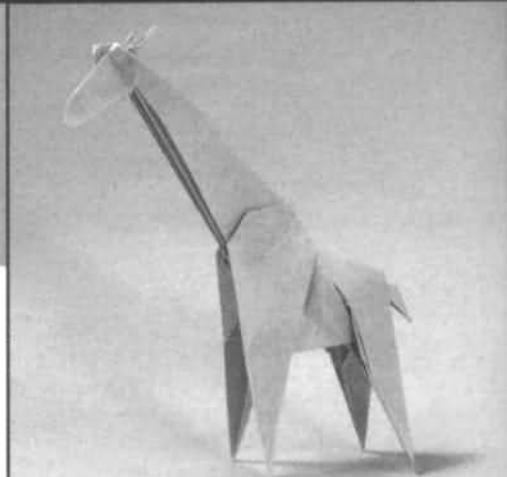
斜めに段折りして  
顔の部分が立体に  
なるようにする  
Pinch and pleat the  
bottom of the face  
so that it will become  
three-dimensional.

# キリン

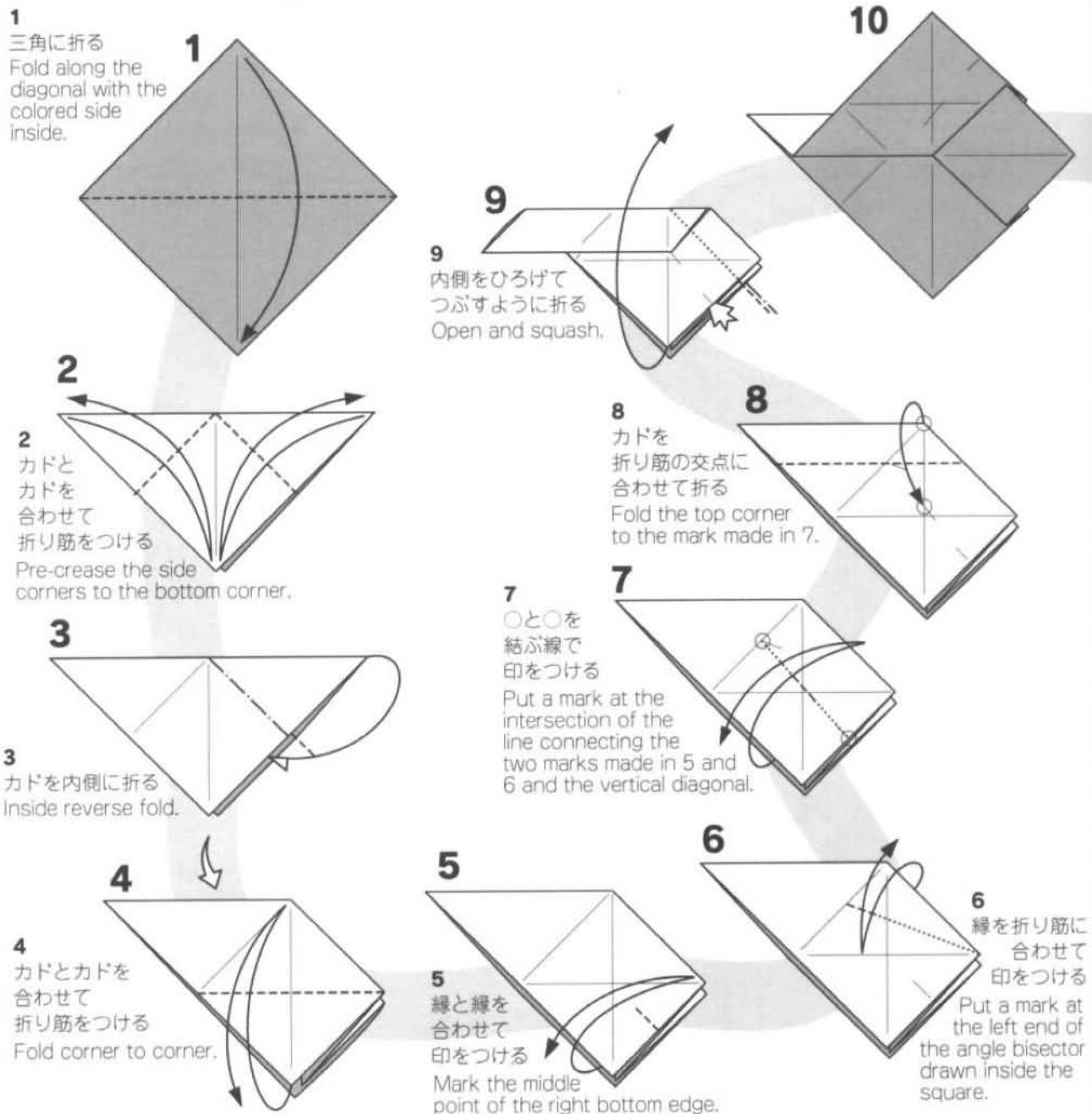
## Giraffe

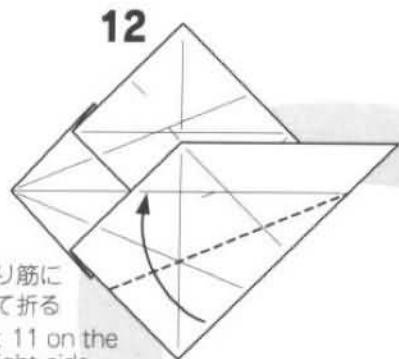
ジョン・モントロールさんの“Dog base”に触発されて動物の基本形と呼べるようなものを目指し、折りだし感覚の類似した2系統(キリンとライオン・犬類)を考えてみました。キリンを作るのにこの基本形を用いたのは、たてがみの表現が自然に行えるためです。

When I created this Giraffe, the Lion and the dogs, I had in my mind ideas about a new "animal base". For a Giraffe, this "base" is useful for an expression of a mane.

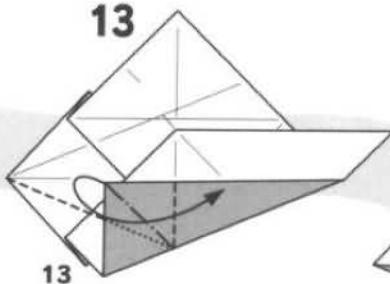


Created 1990 Paper 不切正方一枚折り: 1 piece

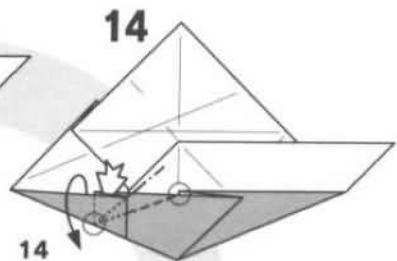




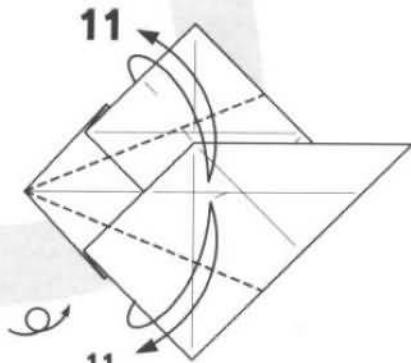
**12**  
縁を折り筋に合わせて折る  
Repeat 11 on the lower right side.



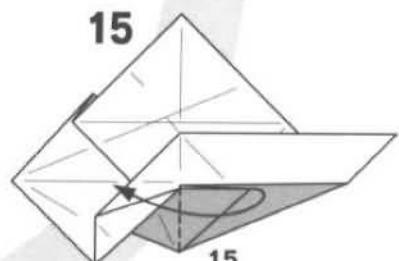
**13**  
カドをつまんで  
反対側に折る  
Swivel and squash.



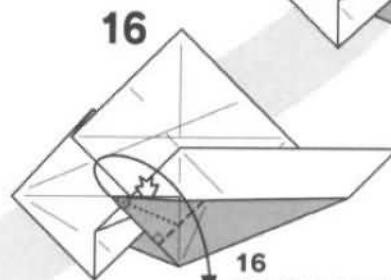
**14**  
内側をひろげてつぶすように折る  
Fold one layer along the line connecting the circled points and flatten the layers pulled up.



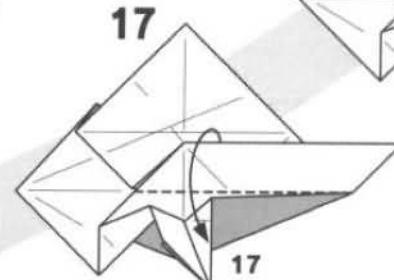
**11**  
縁を折り筋に合わせて  
折り筋をつける  
Precrease along the angle bisectors.



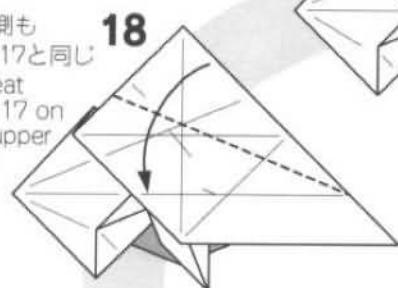
**15**  
カドを反対側に折る  
Swivel to the left.



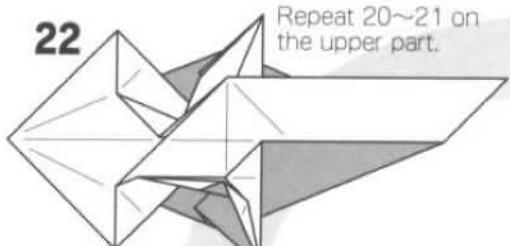
**16**  
縁と縁を合わせて内側を  
ひろげてつぶすように折る  
Fold along the angle bisector, while swiveling down the triangle.



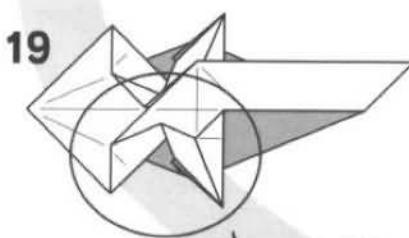
**17**  
縁を下に折る  
Fold down.



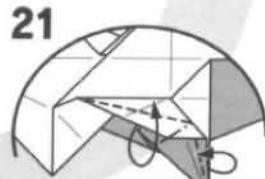
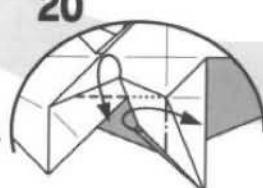
**18**  
反対側も  
12~17と同じ  
Repeat 12~17 on the upper side.



**22**  
反対側も20~21と同じ  
Repeat 20~21 on the upper part.

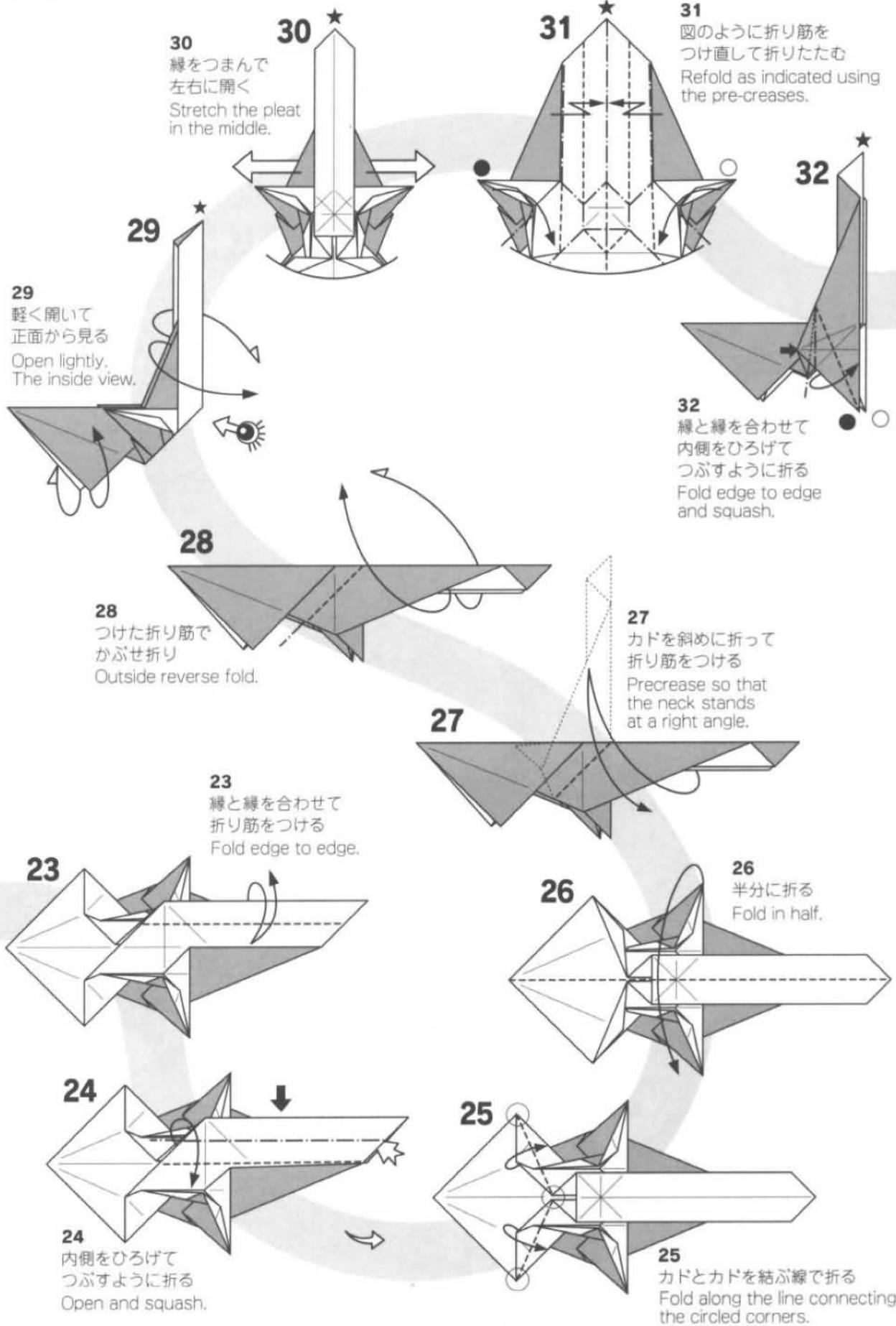


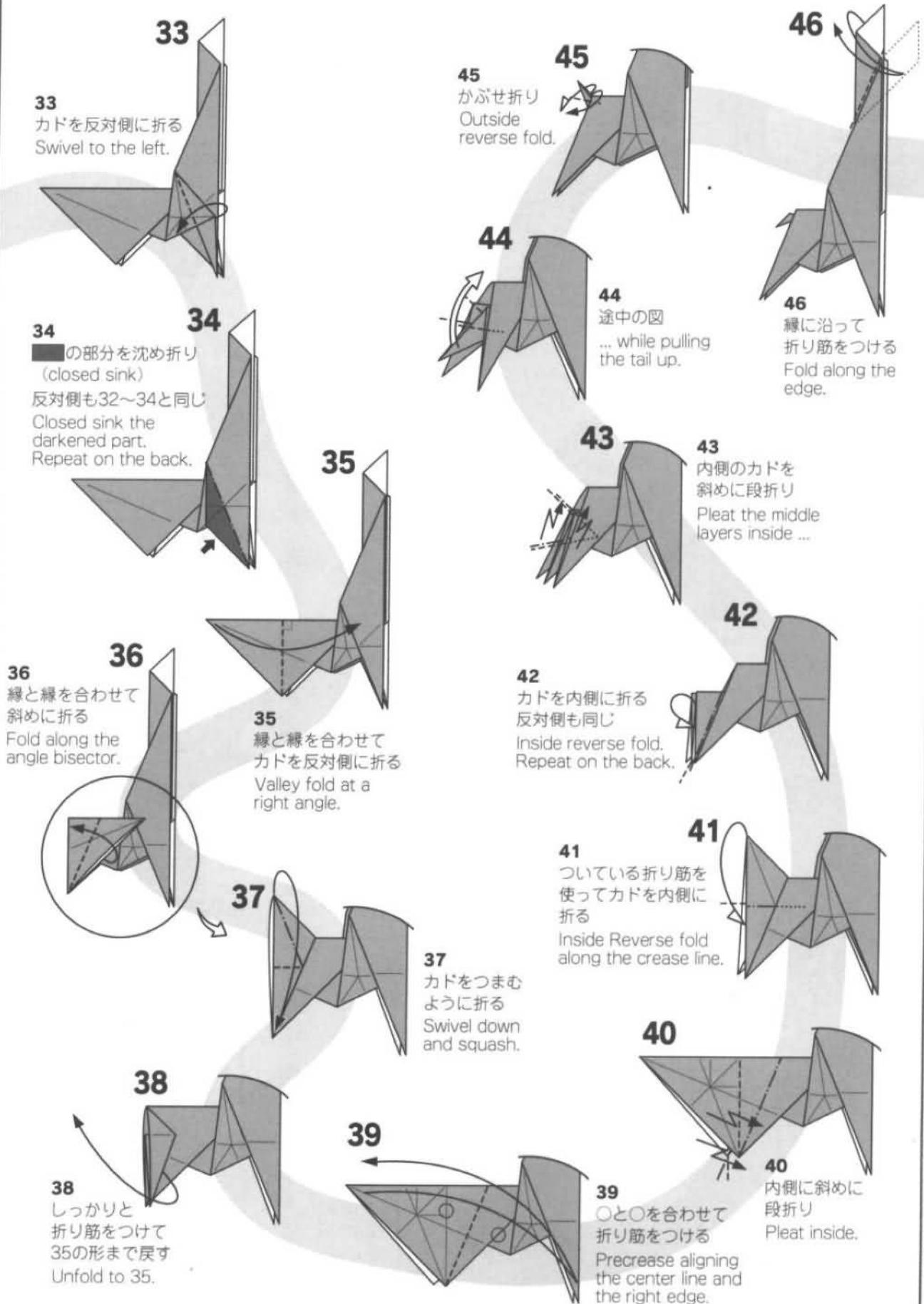
**20**  
縁と縁を合わせて  
引き寄せ折り  
Swivel to the right, while pulling down the layers above.



**21**  
カドを縁に合わせて  
引き寄せ折り  
Fold one layer along the angle bisector. Note the pulled-up layer again.

## 2 動物／キリン

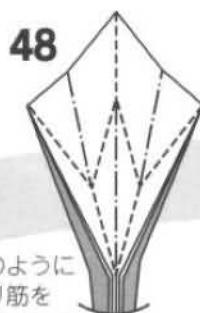




## 2 動物／キリン



**47**  
軽く開いて正面から見る  
Open lightly.  
The inside view.



**48**  
図のように折り筋をつけ直して折りまとめる  
Reassemble as indicated using the pre-creases.

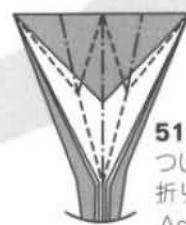


**49**  
しっかりと折り筋をつけてもう一度ひろげる  
Fold tightly, and open again.

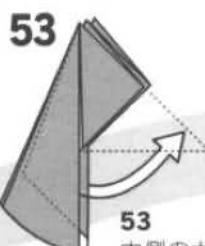


**50**  
カドとカドを結ぶ線で折る  
Fold down along the line connecting the corners.

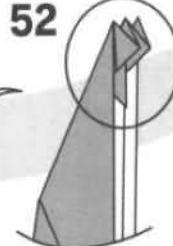
**51**



**51**  
ついている折り筋で折りまとめる  
Assemble as indicated using the pre-creases.



**53**  
内側のカドを引き出す  
Pull out the middle layer.

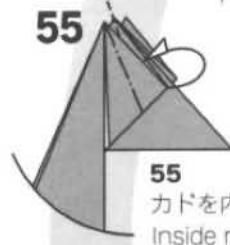


**54**  
縁と縁を合わせて折り筋をつける  
Fold edge to edge.

**61**

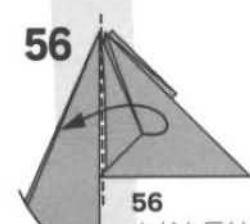
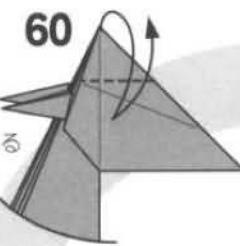


**61**  
沈めるように斜めに段折り  
Pleat inside.

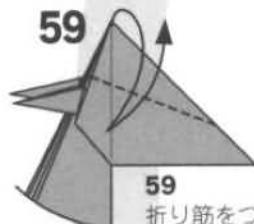


**55**  
カドを内側に折る  
Inside reverse fold.

**60**  
折り筋をつける  
Make a crease line.



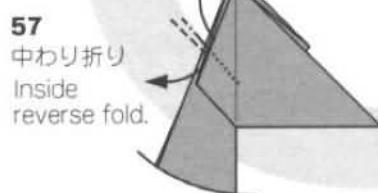
**56**  
カドを反対側に折る  
Swivel to the left.



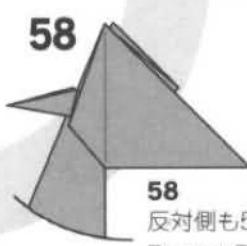
**59**  
折り筋をつける  
Make a crease line.



**62**  
折り筋をつける  
Pre-crease edge to edge.



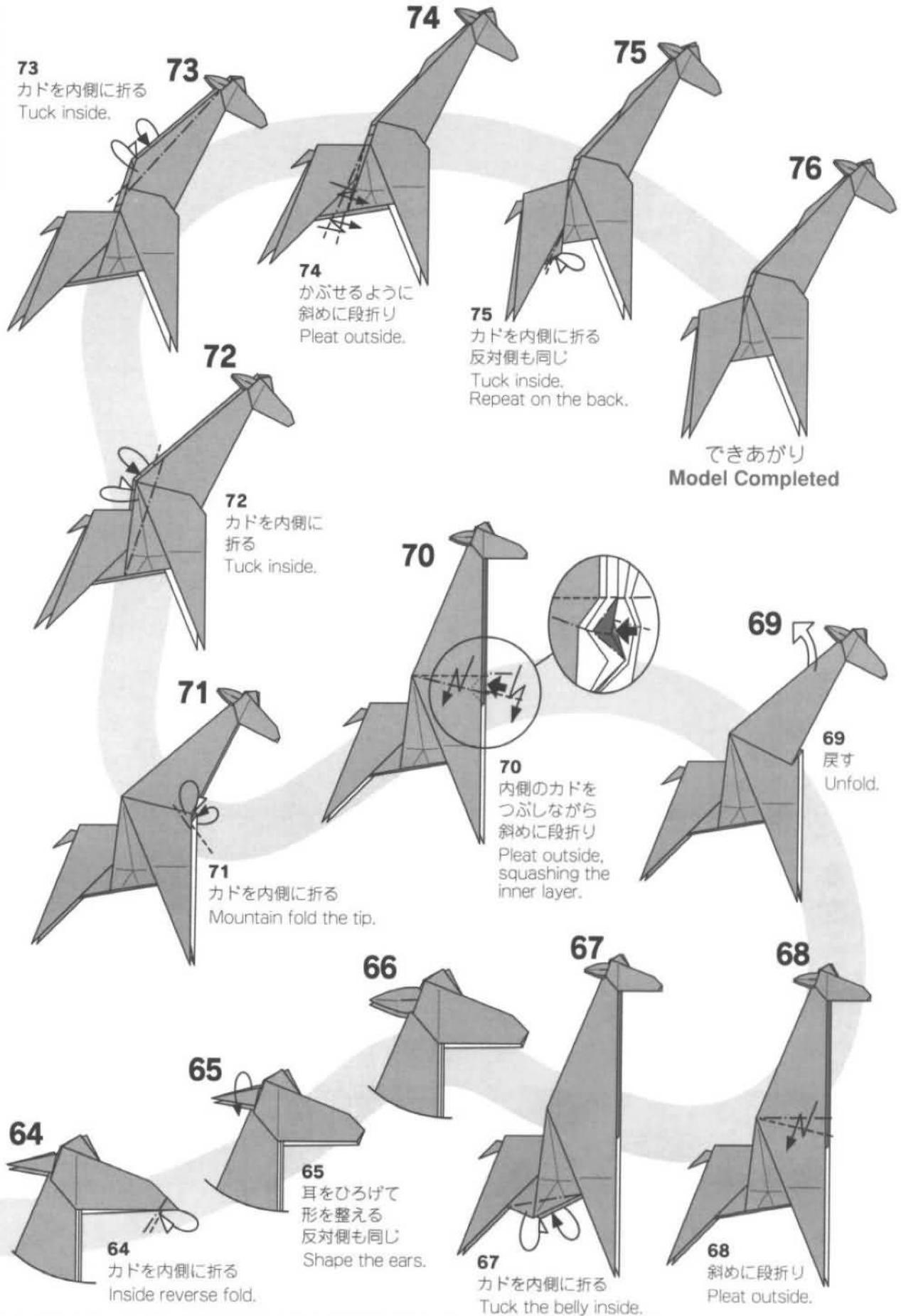
**57**  
中わり折り  
Inside reverse fold.



**58**  
反対側も54～57と同じ  
Repeat 54～57 on the back.



**63**  
カドを押し込むように内側に折る  
Inside reverse fold.

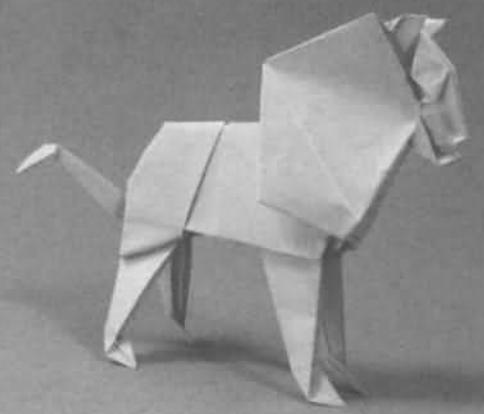


# ライオン

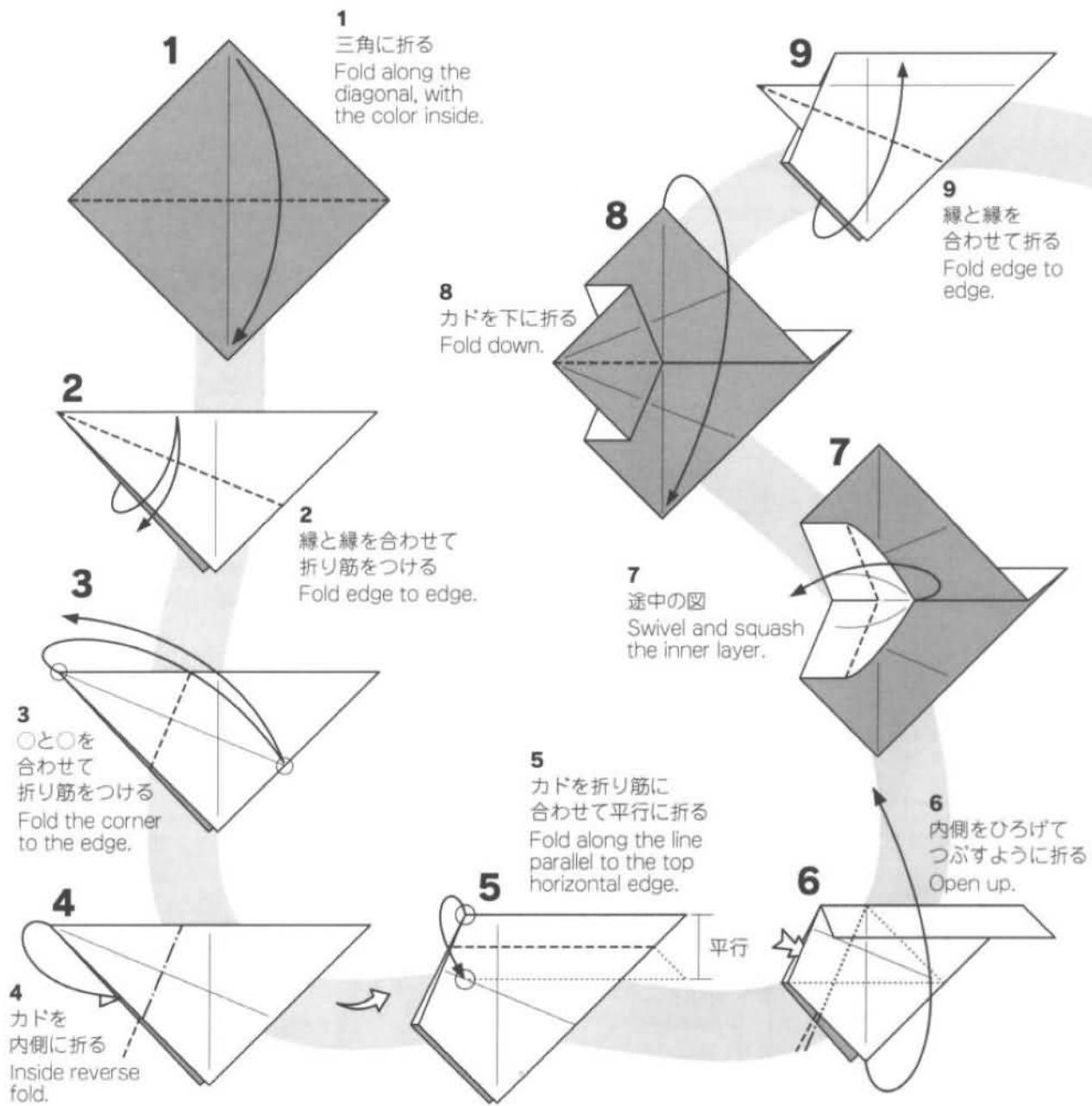
## Lion

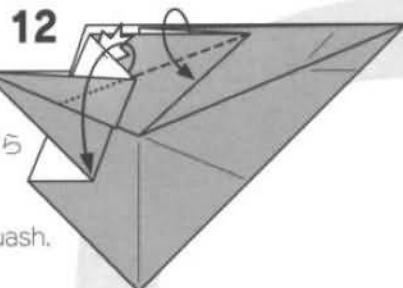
キリンの折りだし感覚(裏から折り始めて、真ん中を折って広げる)を保ちますが、最初の角度を変えます。この基本形を使ってライオンと犬類を作つてみます。

Using mostly the same "base" as the Giraffe, but with an angle of different size. The same method can be adopted for Dogs.

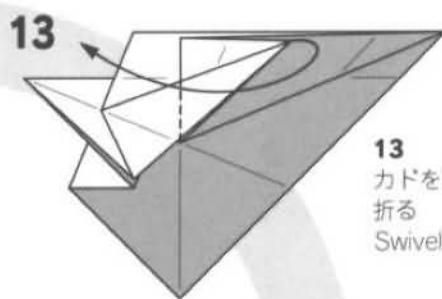


Created 1991 Paper 不切正方一枚折り: 1 piece

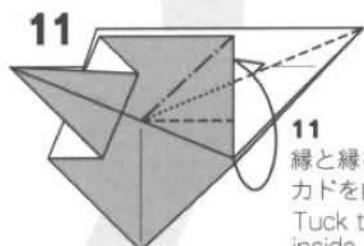




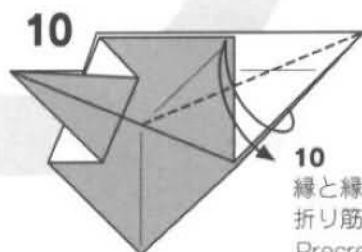
**12**  
縁と縁を合わせながら  
内側をひろげて  
つぶすように折る  
Fold down and squash.



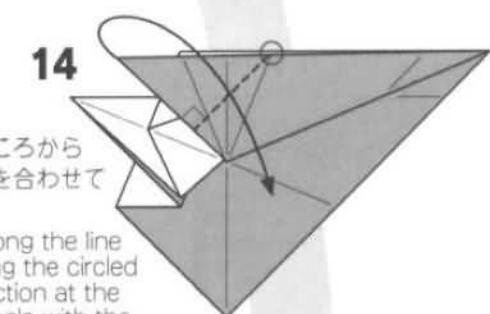
**13**  
カドを反対側に  
折る  
Swivel to the left.



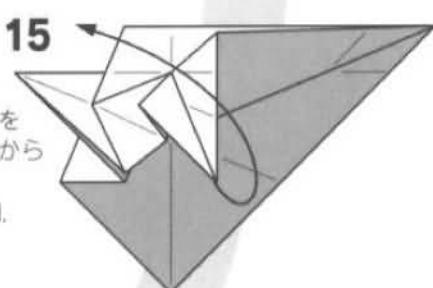
**11**  
縁と縫を合わせて  
カドを内側に折る  
Tuck two layers  
inside.



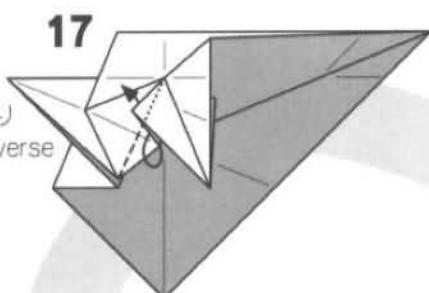
**10**  
縁と縫を合わせて  
折り筋をつける  
Precrease edge  
to edge.



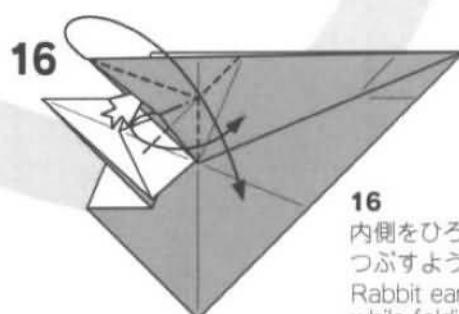
**14**  
○のところから  
縁と縫を合わせて  
折る  
Fold along the line  
touching the circled  
intersection at the  
right angle with the  
lower edge.



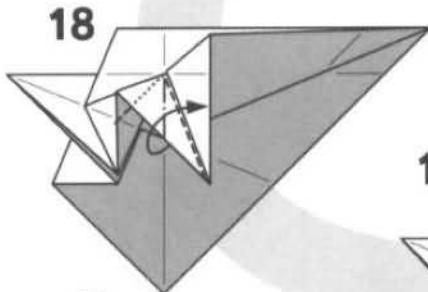
**15**  
折り筋を  
つけてから  
戻す  
Unfold.



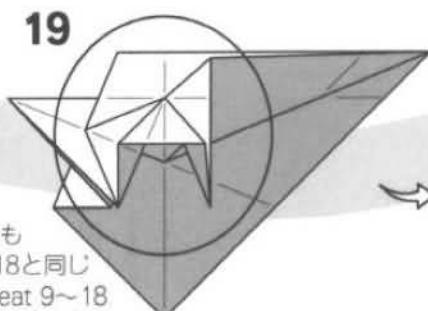
**17**  
中わり折り  
Inside reverse  
fold.



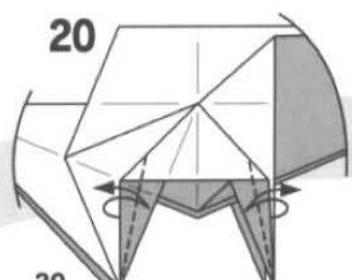
**16**  
内側をひろげて  
つぶすように折る  
Rabbit ear on the top layer,  
while folding down the  
second layer.



**18**  
内側をひろげて  
つぶすように折る  
Swivel to the right  
and squash.

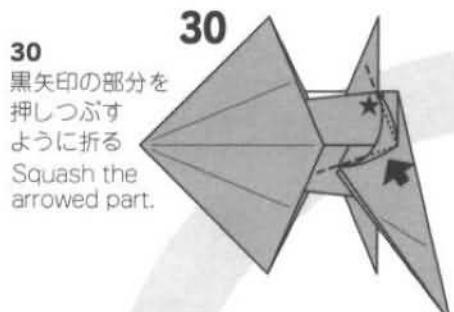


**19**  
対側も  
9~18と同じ  
Repeat 9~18  
on the back.

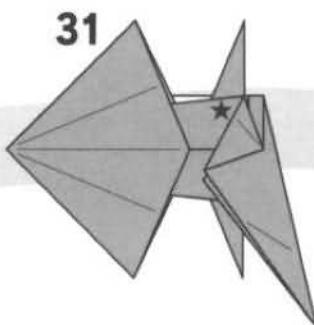


**20**  
縁と縫を合わせて  
折り筋をつける  
Fold along angle bisectors.

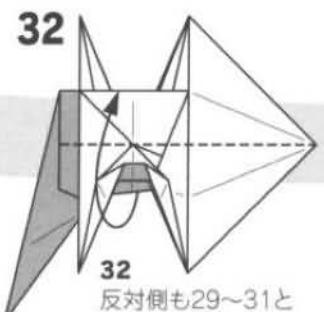
## 2 動物／ライオン



**30**  
黒矢印の部分を  
押しつぶす  
ように折る  
Squash the  
arrowed part.

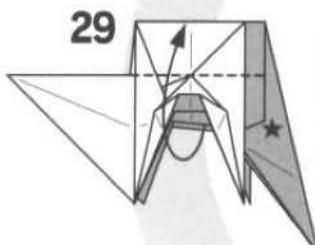


**31**

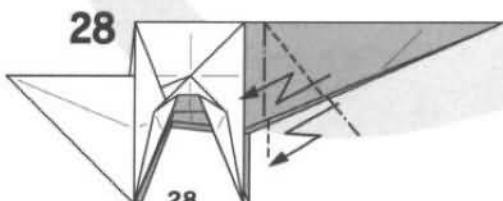


**32**

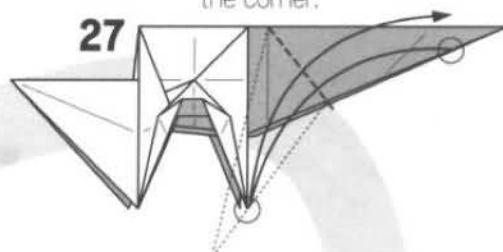
反対側も29~31と  
同じに折る  
Repeat 29~31 on  
the back.



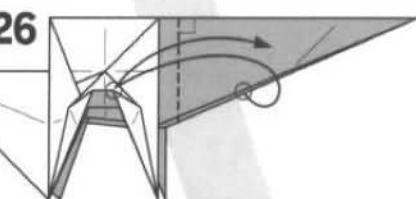
**29**  
開くところで  
上に折る  
Swivel and open up.



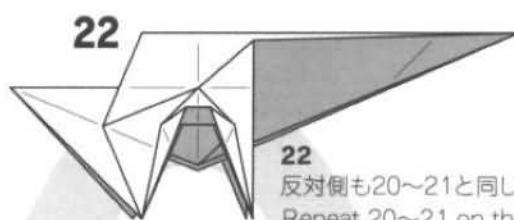
**28**  
つけた折り筋で  
内側に斜めに段折り  
Pleat inside.



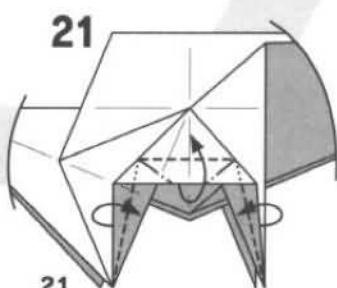
**27**  
縁をカドに合わせて  
折り筋をつける  
Fold the lower edge to  
the corner.



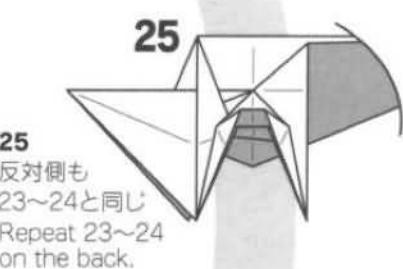
**26**  
縁をカドに合わせて  
折り筋をつける  
Fold at a right angle.  
Note that the bottom  
edge has to touch the  
circled intersection.



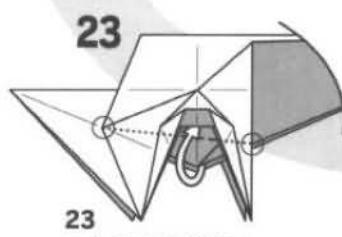
**22**  
反対側も20~21と同じ  
Repeat 20~21 on the  
back.



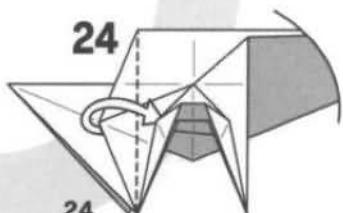
**21**  
内側をひろげて  
つぶすように折る  
Swivel up and squash.



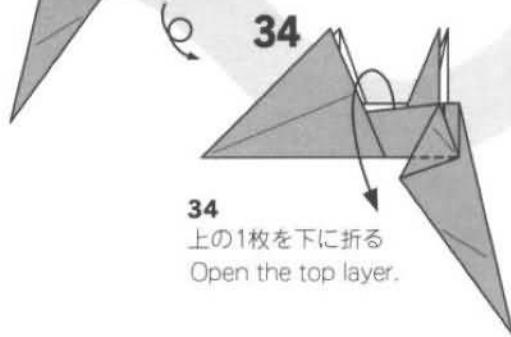
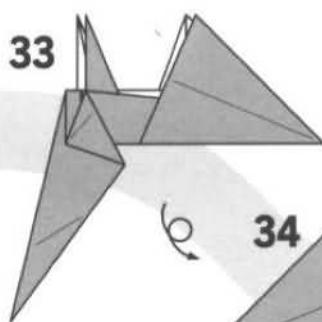
**25**  
反対側も  
23~24と同じ  
Repeat 23~24  
on the back.



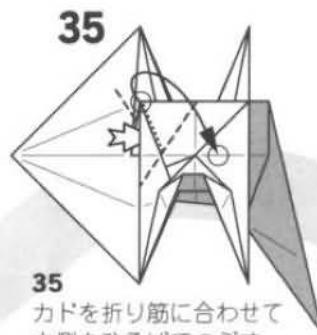
**23**  
○と○を結ぶ線で  
カドを内側に折り込む  
Tuck the inner layer inside.



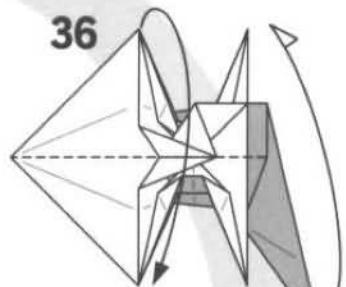
**24**  
カドをすき間に  
折り込む  
Tuck the corner below  
the first layer.



34  
上の1枚を下に折る  
Open the top layer.

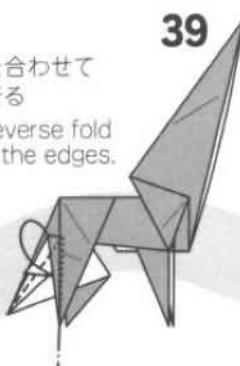


35  
カドを折り筋に合わせて内側をひろげてつぶすように折る  
Fold down the corner to the center line and squash.



36  
★のカドを後ろへ持ち上げながらカドとカドを合わせて半分に折る  
Swivel the right colored layers along with the body.

39  
縁と縁を合わせて内側に折る  
Inside reverse fold aligning the edges.



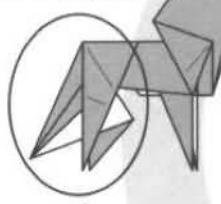
39

38



37  
内側に斜めに段折り  
Pleat inside.

40  
反対側も  
38~39と同じ  
Repeat 38~39  
on the back.



40

38  
ついている折り筋を使って中わり折り  
Inside reverse fold using pre-creases.

38

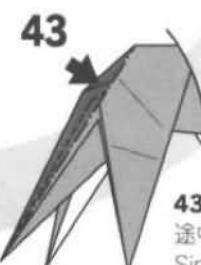
内側のカド  
The hidden corner.



41  
○と○を結ぶ線で  
折り筋をつける  
Pre-crease along the line connecting the circled points.

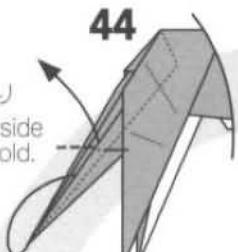


42  
の部分を  
沈め折り  
(Closed sink)  
Closed sink  
the darkened part



43  
途中の図  
Sinking ...

44  
中わり折り  
Sunk, Inside reverse fold.



44

## 2 動物／ライオン

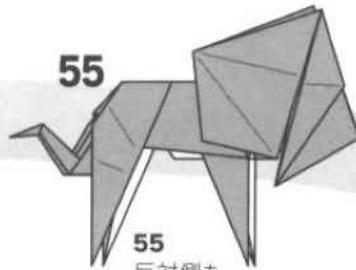
54

カドをひらく  
ところで折る  
Swivel down.

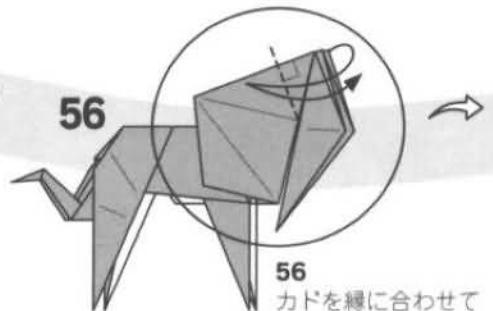
54



55



56



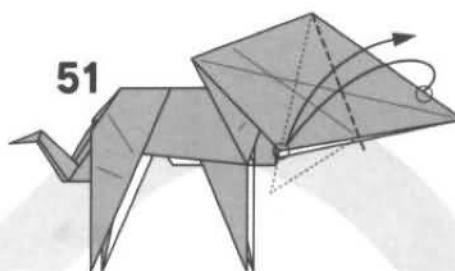
53

内側をひろげて  
つぶすように折る  
Open and squash.

52

中わり折り  
Inside reverse fold.

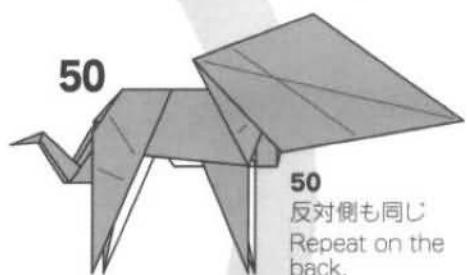
51



51

縁をカドに合わせて  
折り筋をつける  
Pre-crease the edge to the corner.

50



50

反対側も同じ  
Repeat on the back.

45

斜めに段折り  
Pleat outside.

46



47

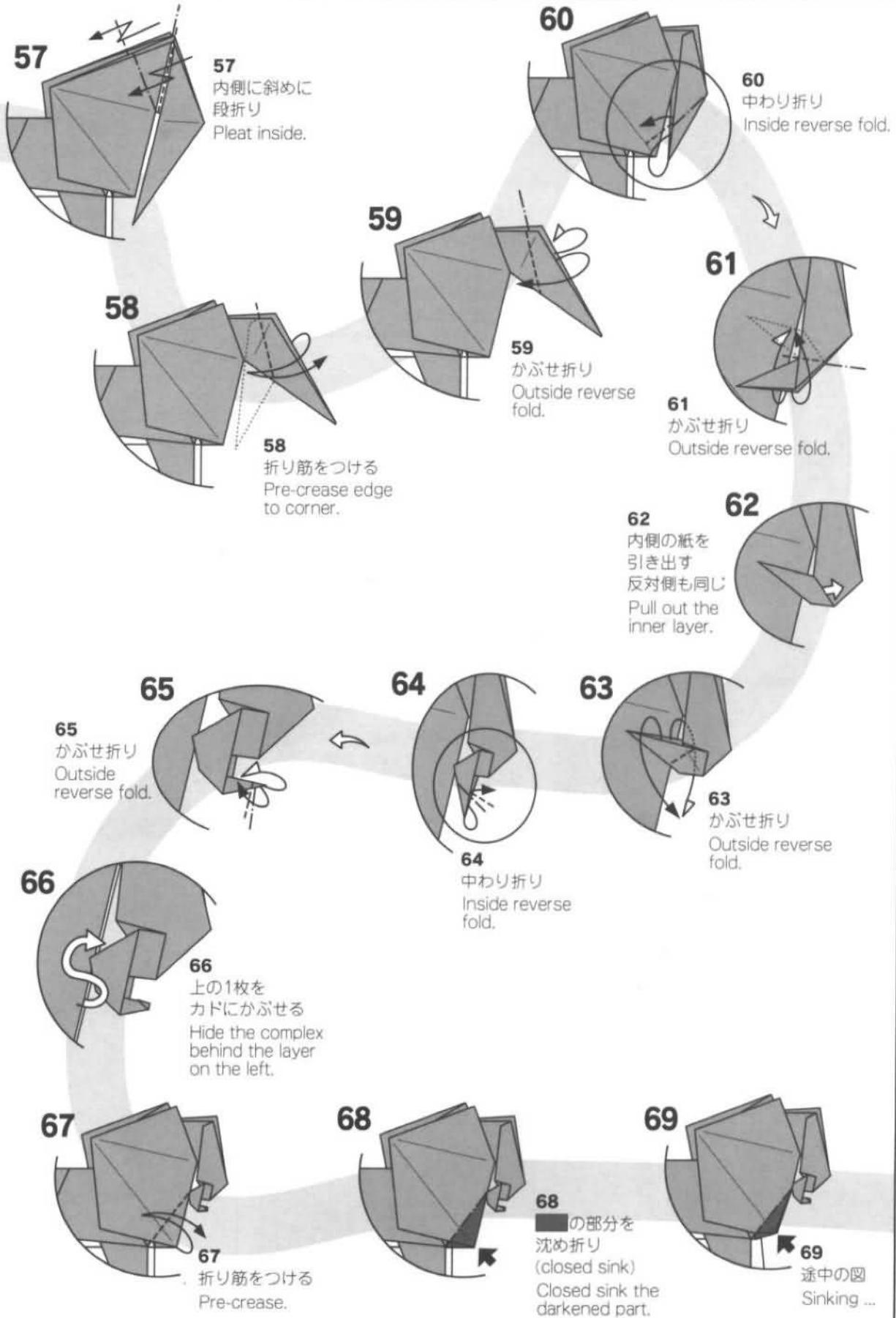
折り筋をつける  
Pre-crease at a right angle.

49

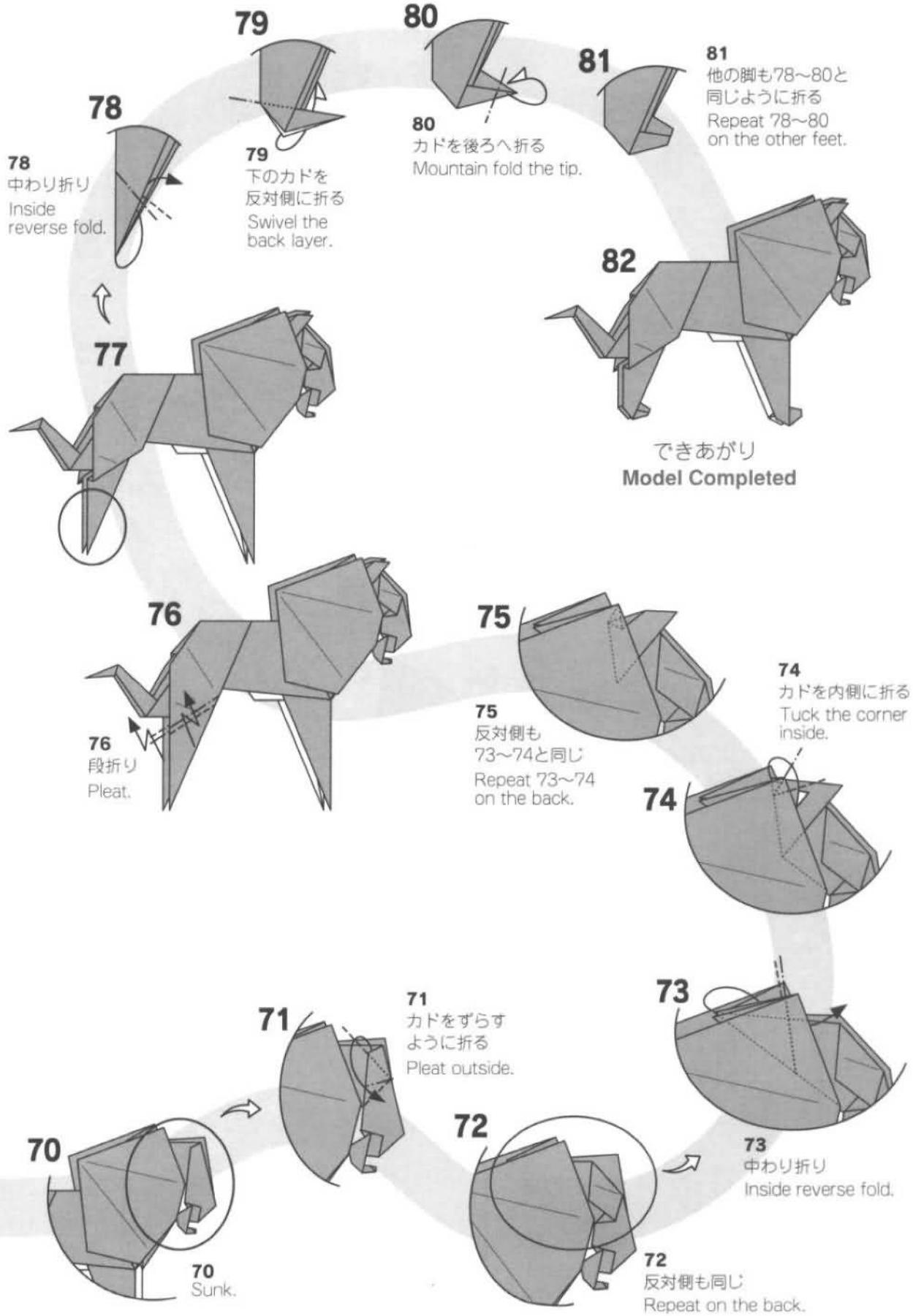
内側の紙を引き出す  
Pull out the layer.

48

かぶせ折り  
Outside reverse fold.



## 2 動物／ライオン

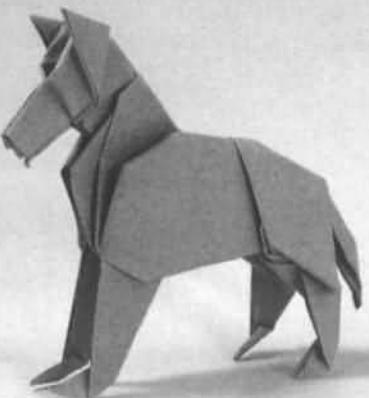


# シェパード

## Shepherd

犬の折り分けは、首のちょっとした角度、鼻先の長さなどデッサン力がものをいってしまします。脚や耳の素材が長めに一通り揃うので、その後の作り分けは、犬のスケッチでもするように行います。

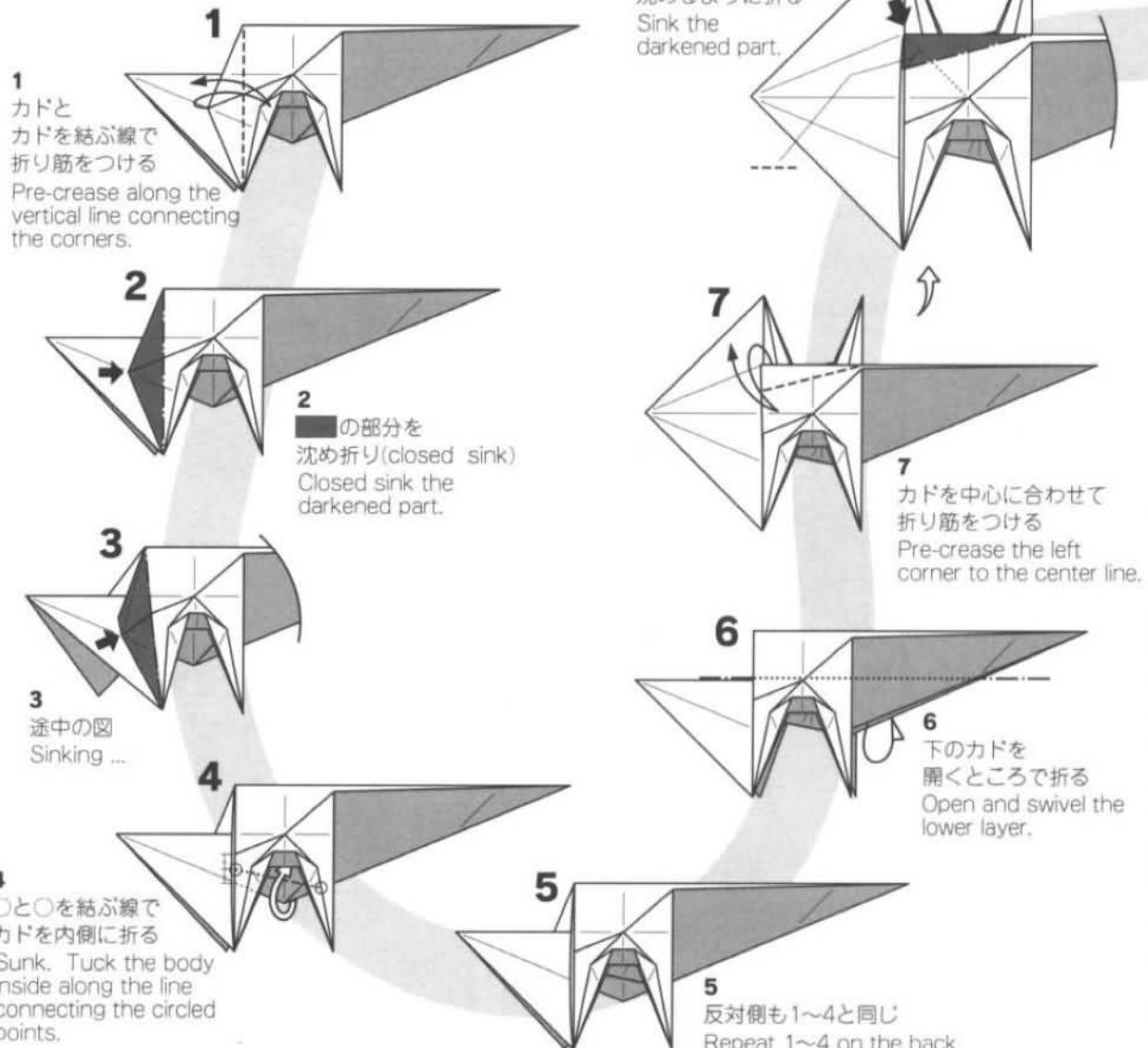
Dogs can distinguished from each other by an angle of a neck and the length of a muzzle. Such details must be finished with your ability in dessin as your only aid. The "base" provides you with enough amount of paper for legs and ears, so the rest is all up to you.



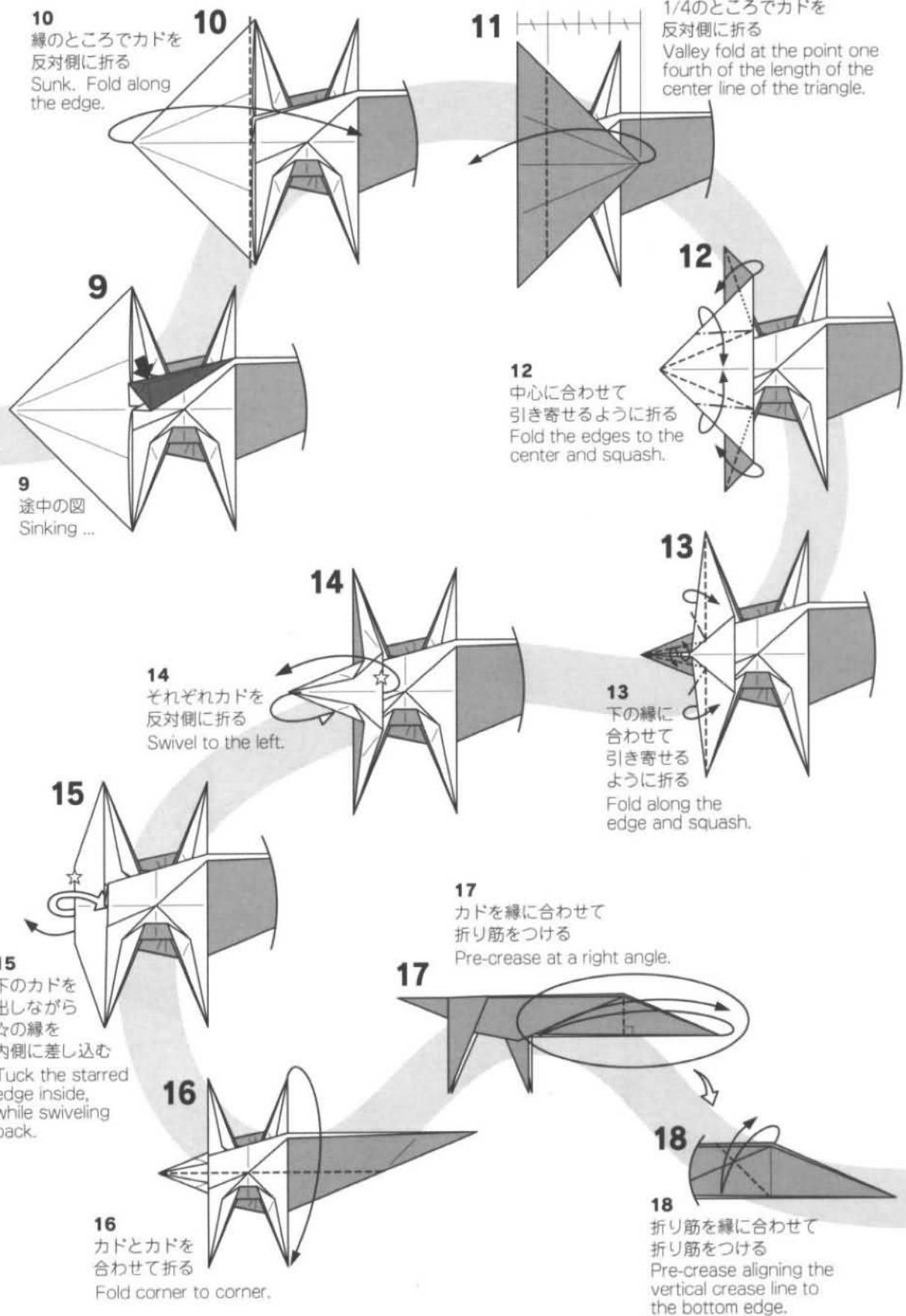
Created 1996 Paper 不切正方一枚折り: 1 piece

P. 80 [ライオン] の23の形からはじめる

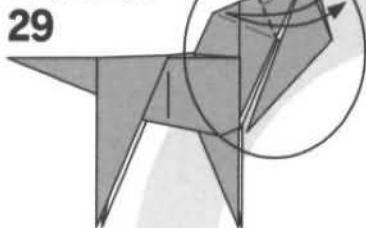
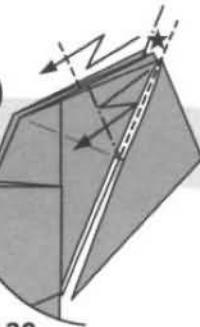
Start with No. 23 of [Lion] (P. 80)



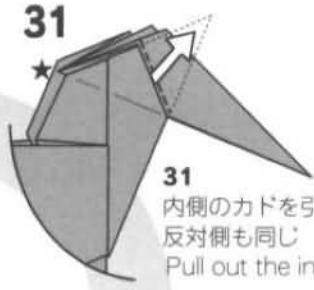
## 2 動物／シェバード



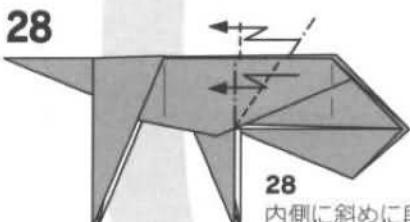
**29**  
カドを縁と合わせて  
折り筋をつける  
Pre-crease at a  
right angle.

**30**

**30**  
内側に斜めに段折り  
Pleat inside.

**31**

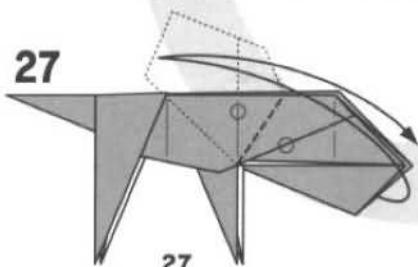
**31**  
内側のカドを引き出す  
反対側も同じ  
Pull out the inner layers.

**28**

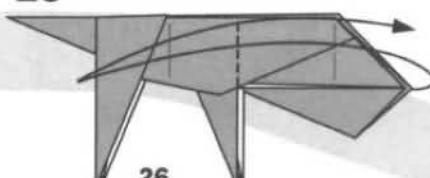
**28**  
内側に斜めに段折り  
Pleat inside.

**32**

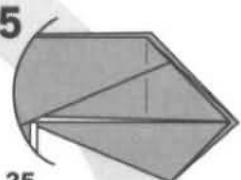
**32**  
開くところで  
カドを折る  
Swivel down.

**27**

**27**  
○と○を合わせて  
折り筋をつける  
Pre-crease aligning the  
circled lines.

**26**

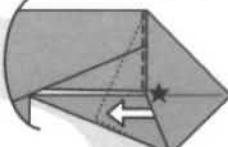
**26**  
縁のところで  
折り筋をつける  
Pre-crease along  
the edge.

**25**

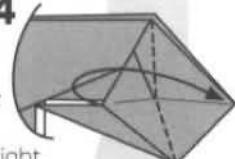
**25**  
反対側も21~24と同じ  
Repeat 21~24 on the  
back.

**20**

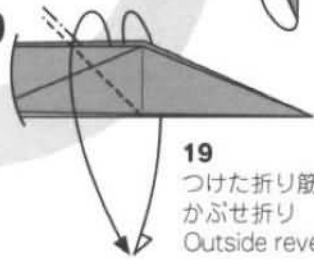
**20**  
中わり折り  
Inside reverse fold.

**21**

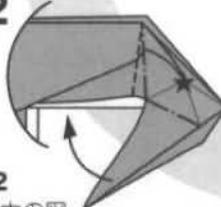
**21**  
内側のカドを引き出す  
Pull out the inner layer.

**24**

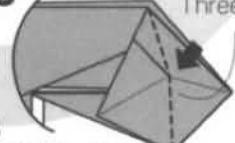
**24**  
そのままカドを  
反対側に折る  
Swivel to the right.

**19**

**19**  
つけた折り筋で  
かぶせ折り  
Outside reverse fold.

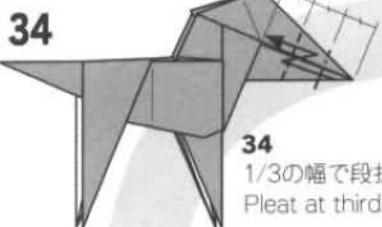
**22**

**22**  
途中の図  
21 lets the complex  
open lightly.

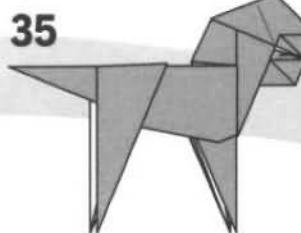
**23**

**23**  
カドを押し込む  
ように折る  
Push the arrowed part down.

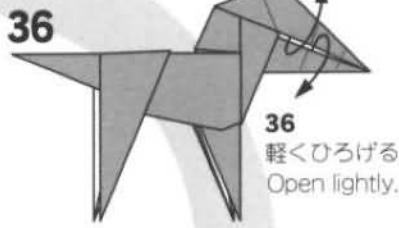
## 2 動物／シェバード



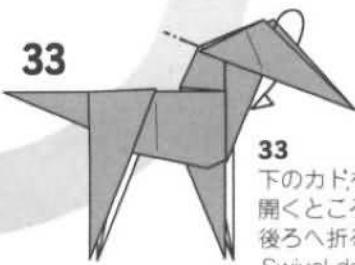
**34**  
1/3の幅で段折り  
Pleat at thirds.



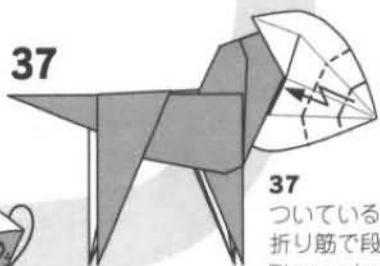
**35**  
折り筋をつけて  
から戻す  
Unfold.



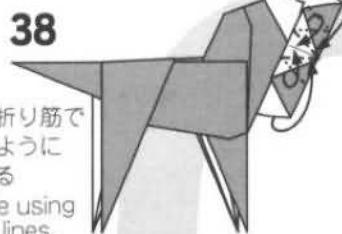
**36**  
軽くひろげる  
Open lightly.



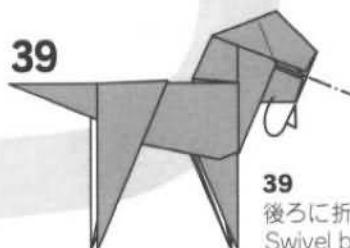
**33**  
下のカドを開くところで  
後ろへ折る  
Swivel down the  
back layer.



**37**  
ついている  
折り筋で段折り  
Pleat using the  
crease lines.



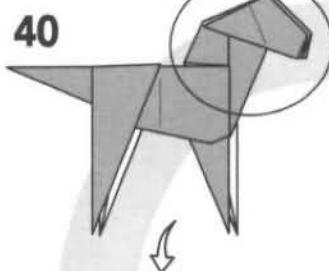
**38**  
ついている折り筋で  
引き寄せるように  
折りまとめる  
Reassemble using  
the crease lines.



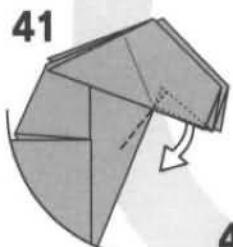
**39**  
後ろに折る  
Swivel back.



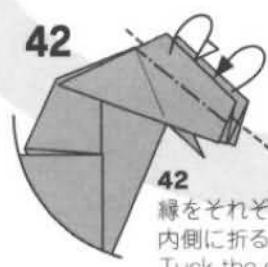
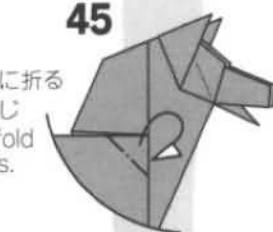
**46**  
斜めに  
段折り  
Pleat.



**41**  
内側のカドをつまんで  
ずらすように折る  
Pull out the hidden  
corner.



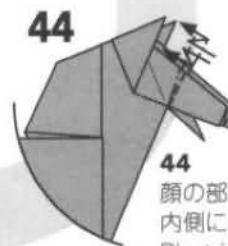
**45**  
カドを内側に折る  
反対側も同じ  
Mountain fold  
the corners.



**42**  
縁をそれぞれ  
内側に折る  
Tuck the edges inside.



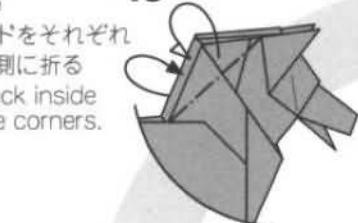
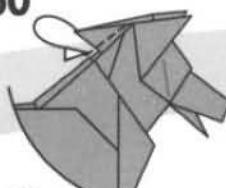
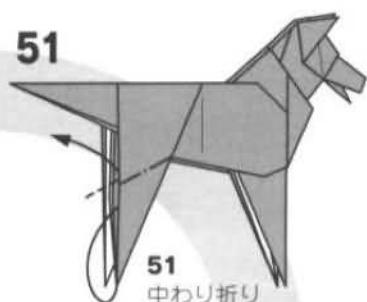
**43**  
カドを斜めに  
折り上げる  
反対側も同じ  
Swivel the ears up.



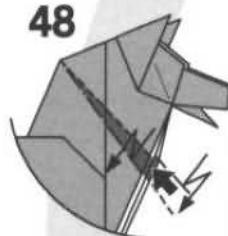
**44**  
顔の部分を  
内側に段折り  
Pleat inside.

**49**

カドをそれぞれ  
内側に折る  
Tuck inside  
the corners.

**49****50****51****51**

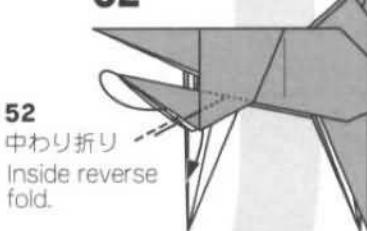
中わり折り  
Inside reverse  
fold.

**48****48**

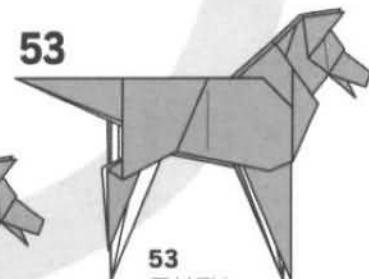
つけた折り筋で  
沈めるように  
内側に段折り  
Pleat inside using  
the crease lines.

**47****47**

折り筋をつけてから  
46の形に戻す  
Unfold.

**52****52**

中わり折り  
Inside reverse  
fold.

**53****53**

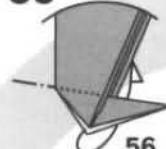
反対側も  
51~52と同じ  
Repeat 51~52  
on the back..

**55****55**

中わり折り  
Inside reverse  
fold.

**57**

下のカドを  
反対側に折る  
Swivel the back  
layer.

**56****56**

下のカドを  
反対側に折る  
Swivel the back  
layer.

**61**

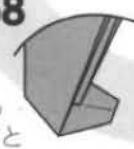
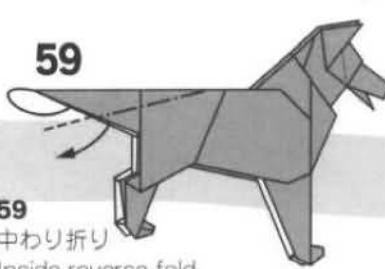
できあがり  
Model Completed

**57**

カドを後ろへ折る  
Mountain fold  
the tip.

**58**

他の脚も  
55~57と  
同じように折る  
Repeat on the  
other feet.

**59**

中わり折り  
Inside reverse fold.

**60****60**

かぶせ折り  
Outside reverse fold.

# プードル

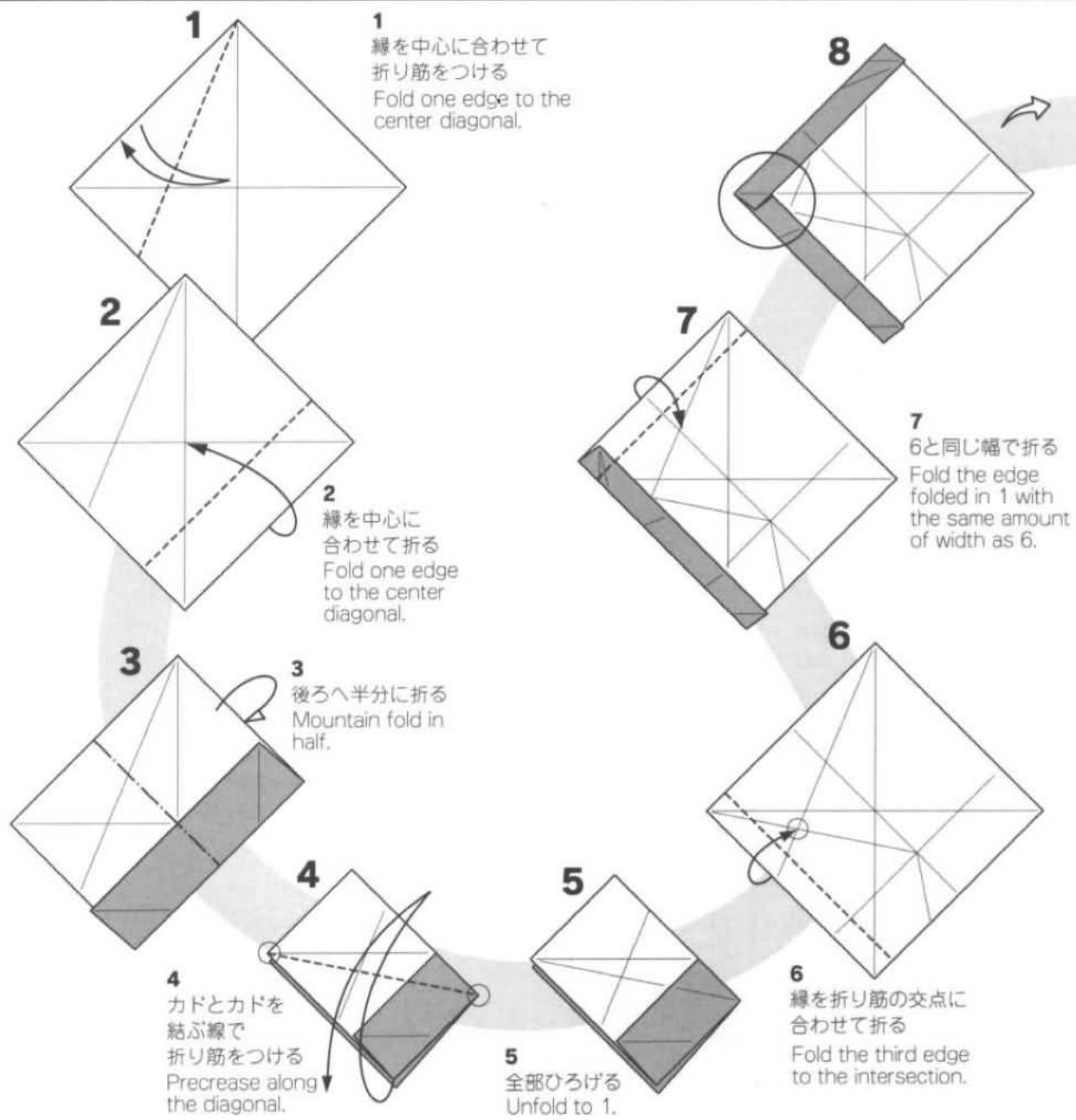
## Poodle

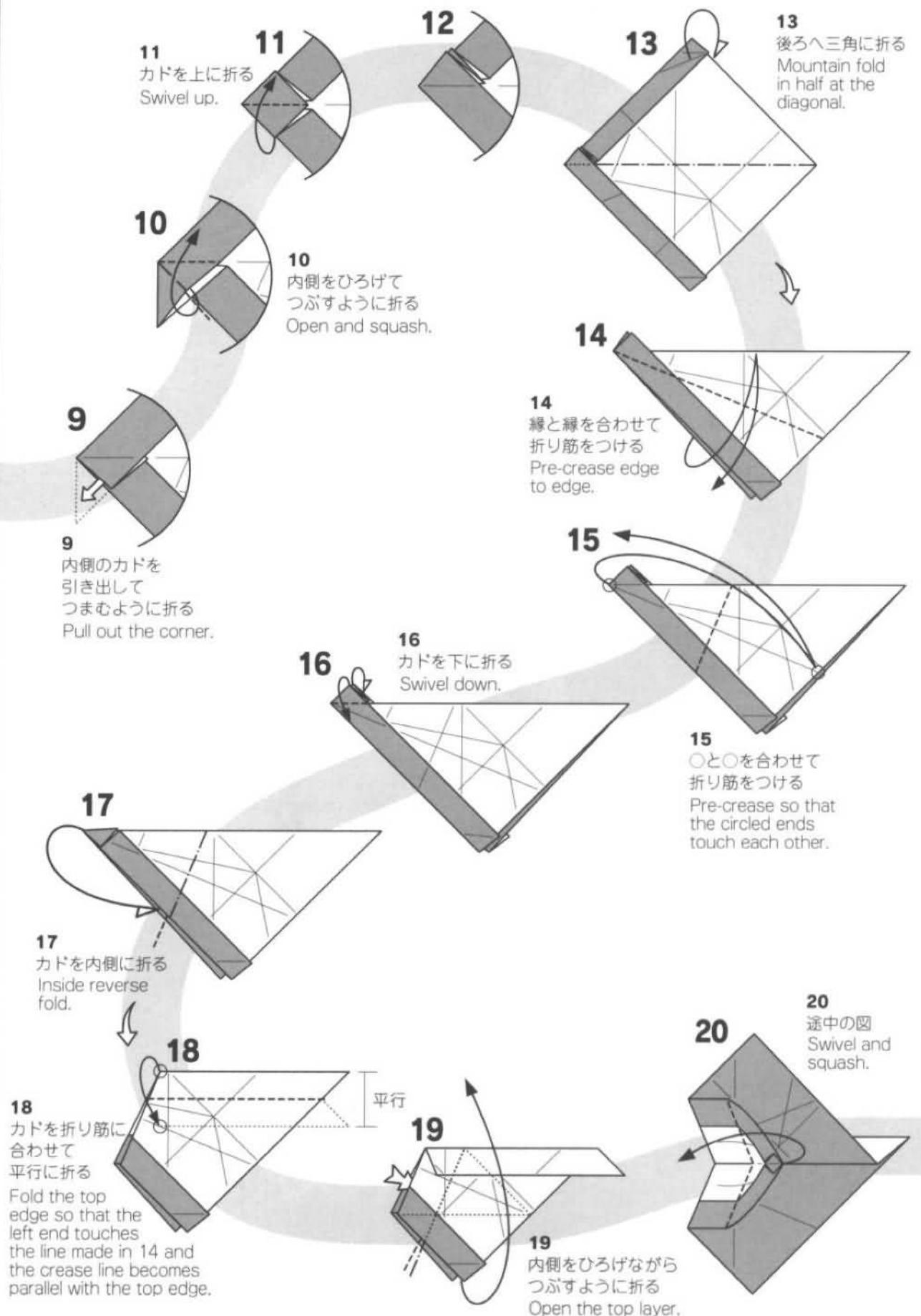
犬類の2つめは、足先や尻尾の先のボリュームが特徴的なプードルです。二辺に仕込みをして足先や尻尾の先にボリュームを与えます。

A poodle must be done with an emphasis on the legs and the tail. Extra layers made in the beginning do this.



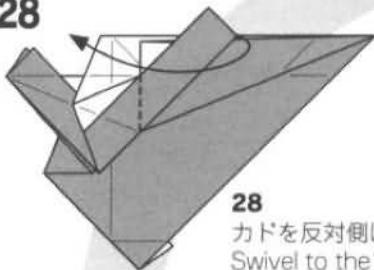
Created 1996 Paper 不切正方一枚折り: 1 piece





## 2 動物／ブードル

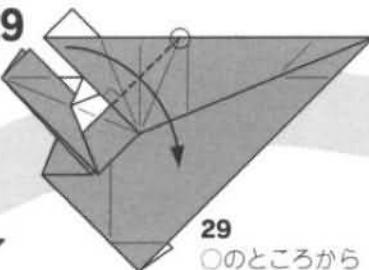
28



28

カドを反対側に折る  
Swivel to the left.

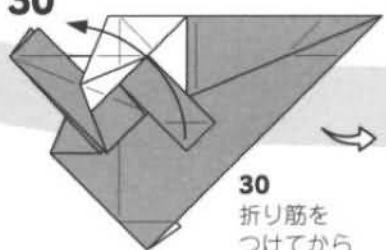
29



29

○のところから  
縁と縁を  
合わせて折る  
Fold along the  
hidden edge.  
Note the end of  
the crease line.

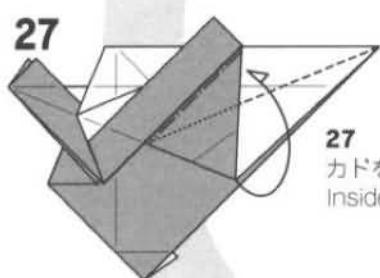
30



30

折り筋を  
つけてから  
戻す  
Unfold.

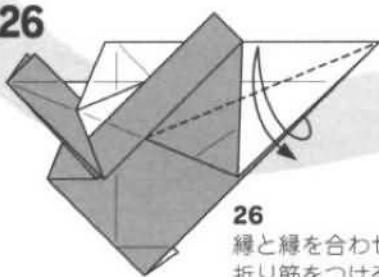
27



27

カドを内側に折る  
Inside reverse fold.

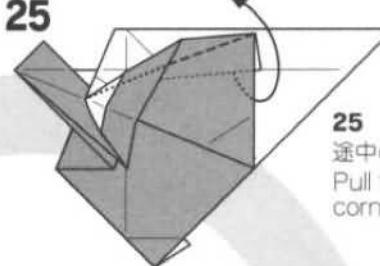
26



26

縁と縁を合わせて  
折り筋をつける  
Fold edge to edge.

25



25

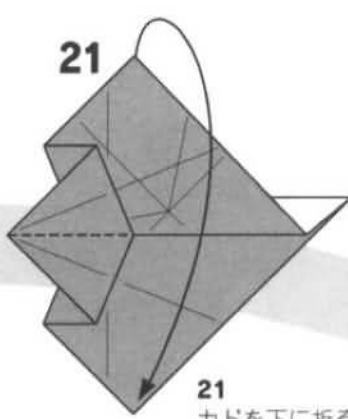
途中の図  
Pull the hidden  
corner up.

24

24

後ろのカドを  
出しながら  
内側をひろげて  
つぶすように折る  
Fold down and  
squash.

21



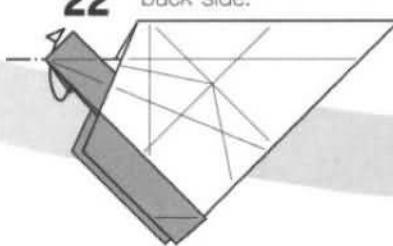
21

カドを下に折る  
Close back.

22

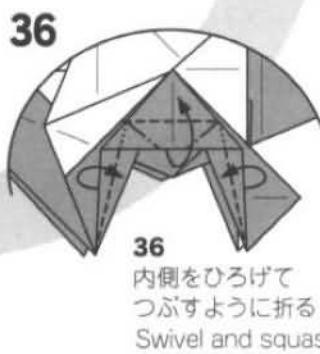
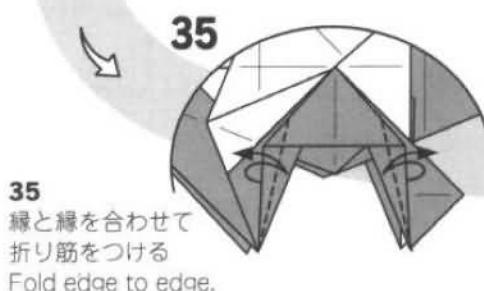
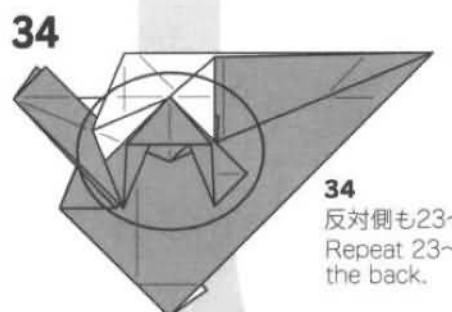
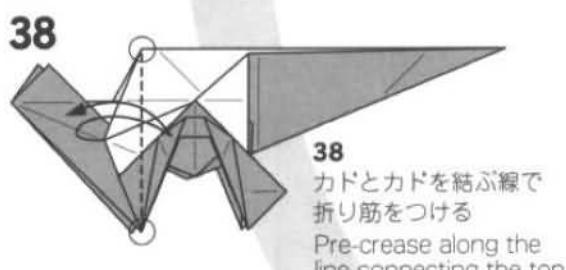
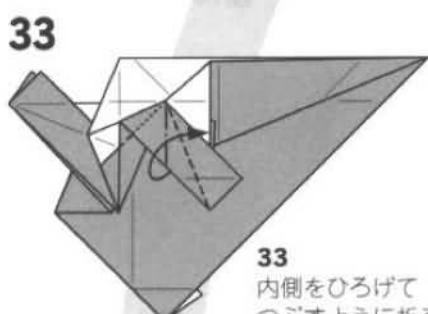
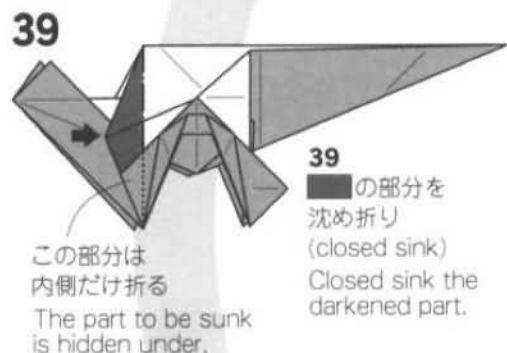
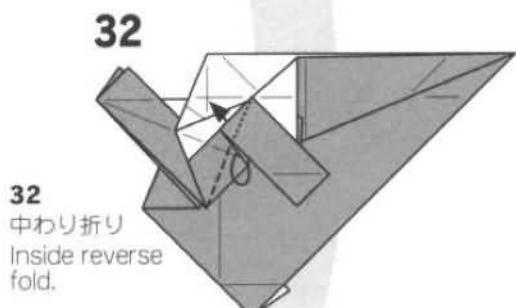
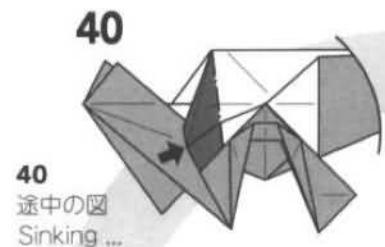
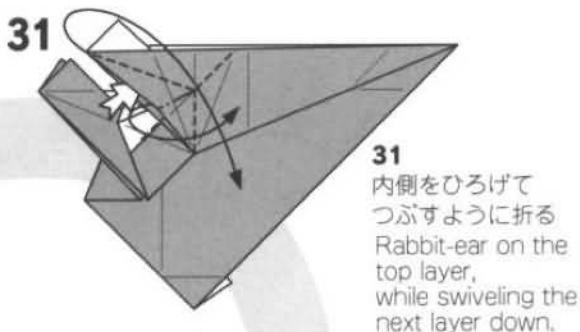
ついている  
折り筋で折る  
Swivel up on the  
back side.

22



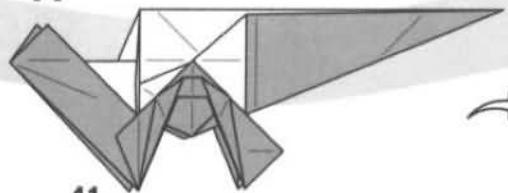
23

ついている  
折り筋で折る  
Fold up using the  
pre-crease.



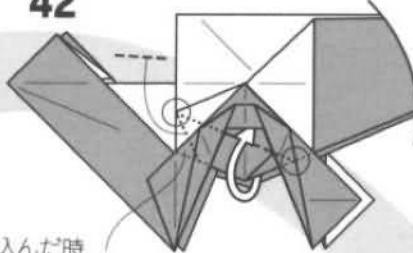
## 2 動物／ブードル

41



41  
反対側も38~40と同じ  
Sunk.  
Repeat 38~40 on  
the back.

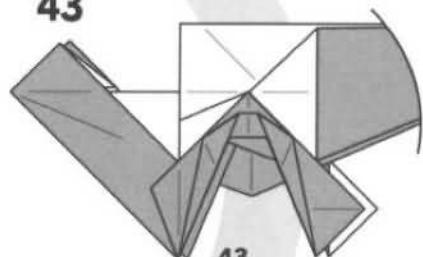
42



42

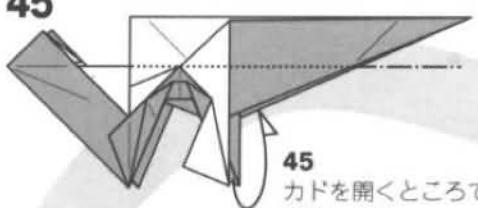
○と○を結ぶ線で  
カドを内側に  
折り込む  
Tuck the body  
inside along the line  
connecting the  
circled points.

43



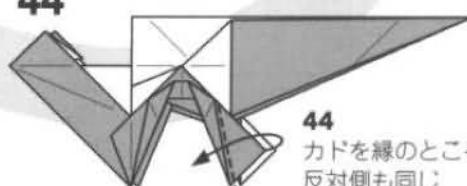
43  
反対側も同じ  
Repeat on the  
back.

45



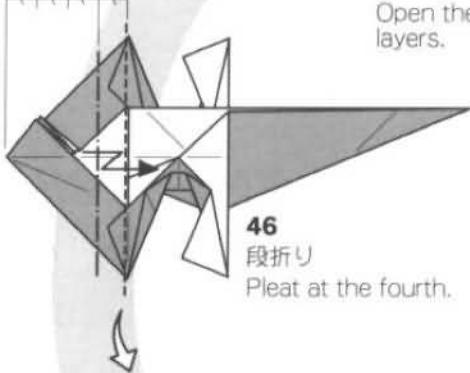
45  
カドを開くところで  
後ろへ折る  
Open the back  
layers.

44



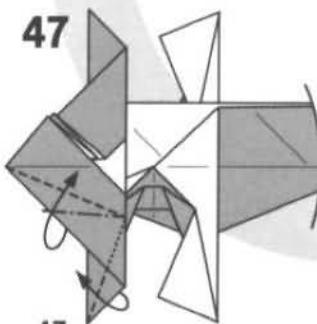
44  
カドを縁のところで折る  
反対側も同じ  
Fold along the edge.  
Repeat on the back.

46



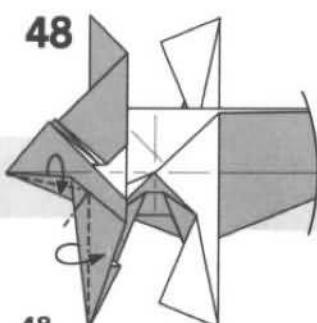
46  
段折り  
Pleat at the fourth.

47



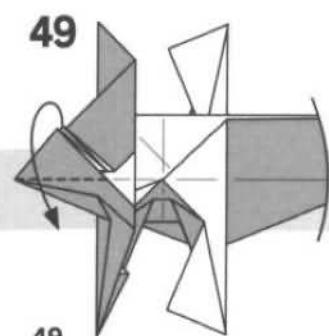
47  
中心に合わせて  
引き寄せる  
ように折る  
Swivel and squash.

48

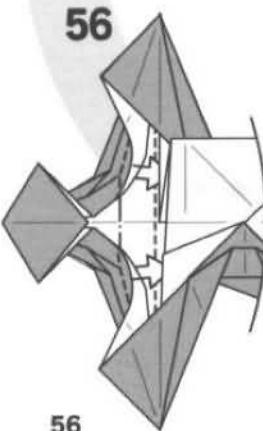
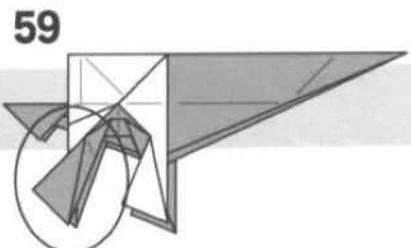
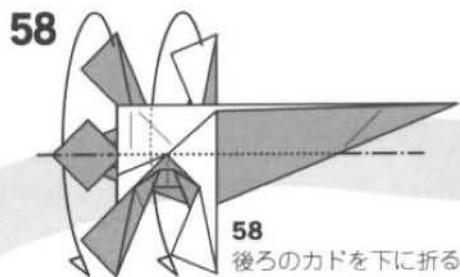
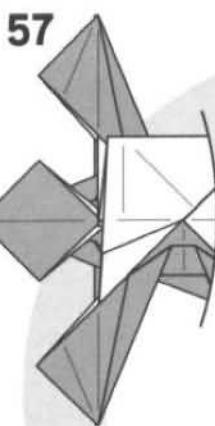


48  
下の縁のところで  
引き寄せるように折る  
Fold along the edge  
and squash.

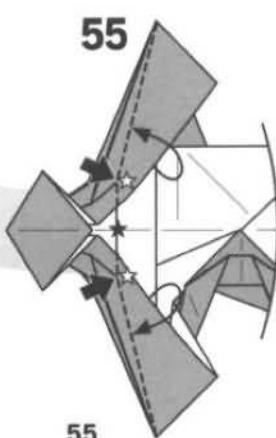
49



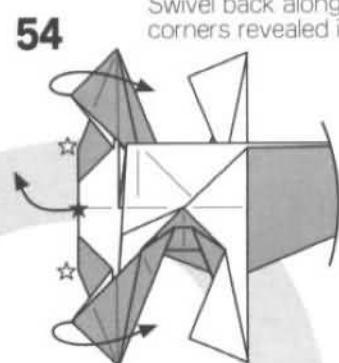
49  
カドを2枚重ねて  
反対側に折る  
Fold down two layers.



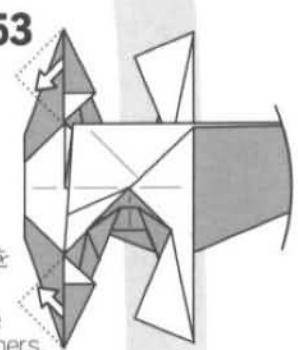
56  
★の部分を内側に  
差し込みながら  
折りまとめる  
Note that a kind of  
sink is formed.



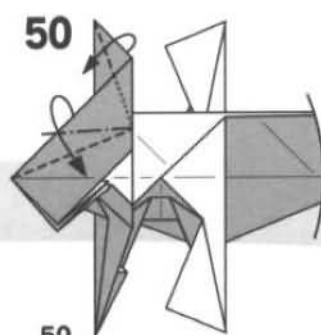
55  
☆のカドの部分を  
押し込みながら  
縁を裏返すようにする  
Push the starred hidden  
corners inside...



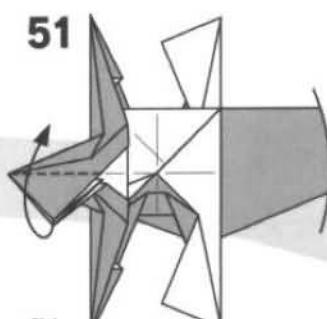
54  
引き出したカドを反対側に  
折りながら下のカドを出す  
Swivel back along with the  
corners revealed in 53.



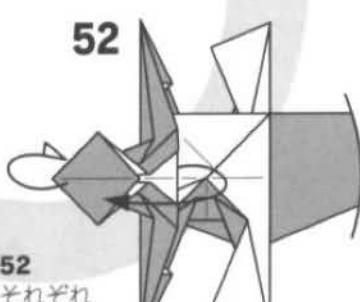
53  
内側のカドを  
引き出す  
Pull out the  
hidden corners.



50  
反対側も47~48と同じ  
Repeat 47~48 on the  
top side.



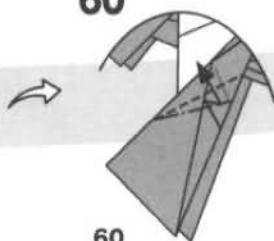
51  
カドを上に折る  
Fold up one layer.



52  
それぞれ  
カドと縁を  
反対側に折る  
Swivel to the left.

## 2 動物／ブードル

60



60  
斜めに段折り  
Pleat outside.

61



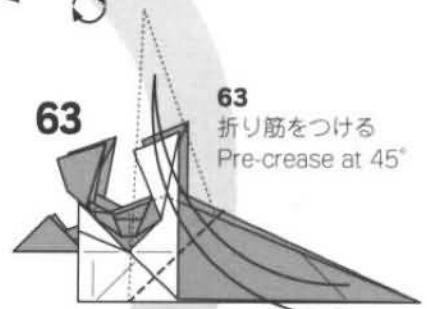
61  
引き寄せるように  
折って細くする  
Fold edge to edge  
and squash.

62



62  
反対側も  
60~61と同じ  
Repeat 60~61  
on the back.

63

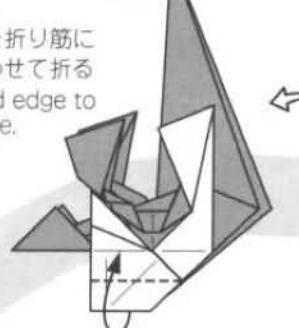


63  
折り筋をつける  
Pre-crease at 45°

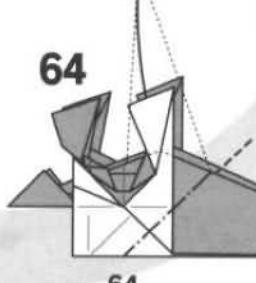
65

縁を折り筋に  
あわせて折る  
Fold edge to edge.

65

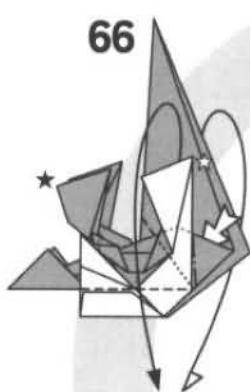


64



64  
中わり折り  
Inside reverse  
fold.

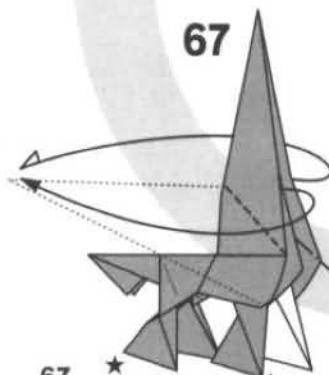
66



66

内側をひろげながら  
縁のところでカドを  
反対側に折る  
Fold down.  
The head part will  
be pulled open.

67

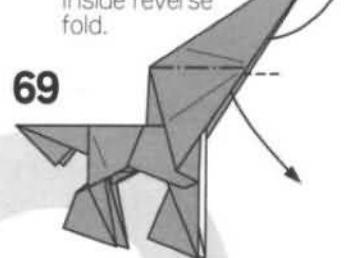


67  
つられて持ち上がる  
部分は立体のまま  
カドをかぶせ折り  
してつぶすように折る  
While keeping the head  
part three-dimensional,  
form an outside-reverse  
fold.

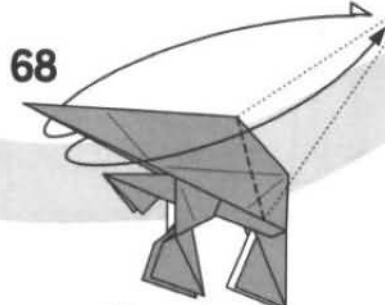
69

中わり折り  
Inside reverse  
fold.

69

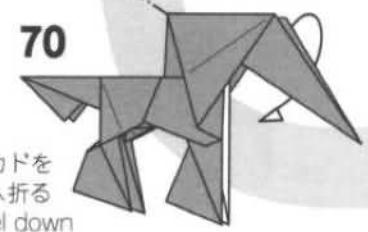


68

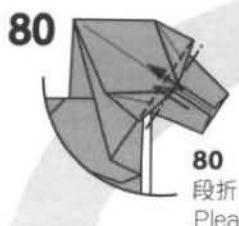


68  
かぶせ折り  
Another outside  
reverse fold.

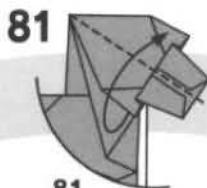
70



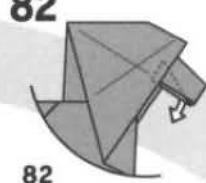
70  
下のカドを  
後ろへ折る  
Swivel down  
the back part.



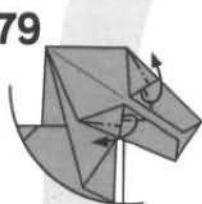
**80**  
段折り  
Pleat.



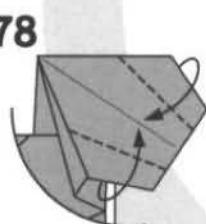
**81**  
カドとカドを  
合わせて折る  
Fold up the  
head in half.



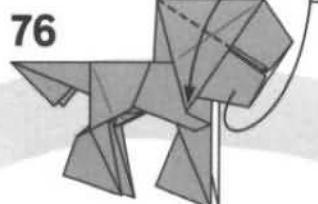
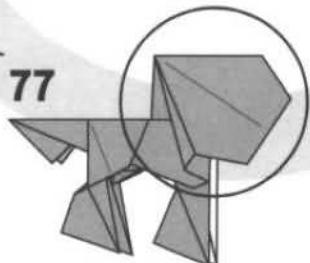
**82**  
内側のカドを  
つまんで  
ずらすように折る  
Slide down the jaw.



**79**  
内側をひろげて  
つぶすように折る  
Squash.



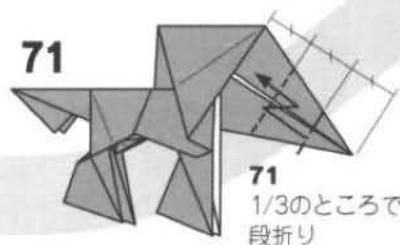
**78**  
縁を折り筋に  
合わせて折る  
Fold edge to  
edge.



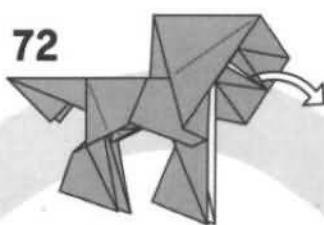
**76**  
それぞれカドを  
反対側に折る  
Swivel down.



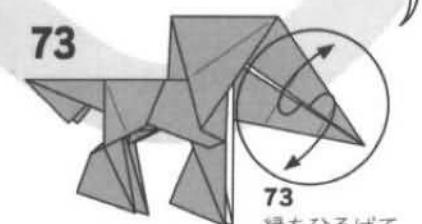
**75**  
ついている折り筋で  
引き寄せるように  
折りまとめる  
Assemble back using  
the crease lines.



**71**  
1/3のところで  
段折り  
Pleat at thirds.



**72**  
しっかりと  
折り筋を  
つけてから戻す  
Unfold.



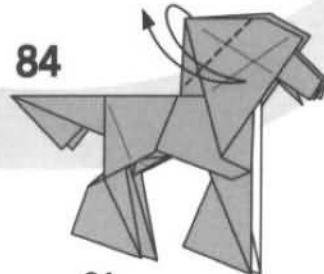
**73**  
縁をひろげて  
内側を見る  
Open and look  
inside.



**74**  
ついている  
折り筋で  
段折り  
Pleat using  
the crease lines.

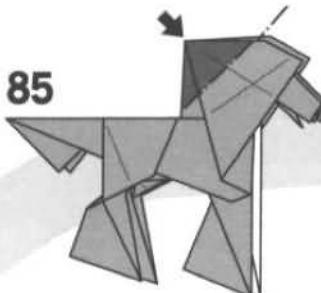
## 2 動物／プードル

84



斜めにしっかりと  
折り筋をつける  
Precrease tightly.

85



85  
■の部分を  
沈め折り  
Sink the  
darkened part.

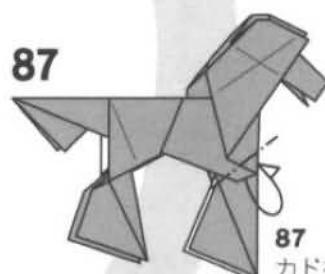
86



86

途中の図  
Sinking ...

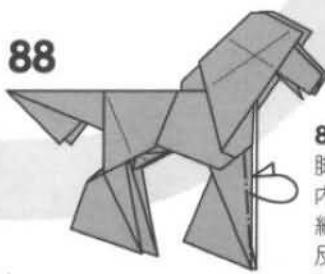
87



87

カドを内側に折る  
反対側も同じ  
Tuck inside.  
Repeat on  
the back.

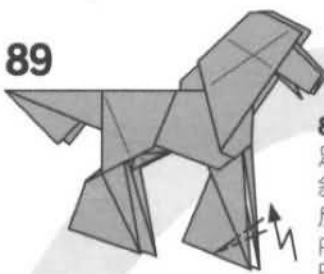
88



88

脚の縁を  
内側に折って  
細くする  
反対側も同じ  
Narrow the  
front legs.

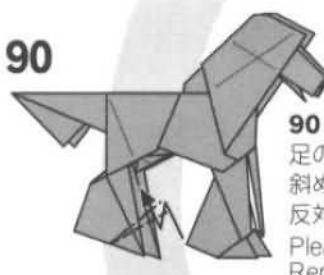
89



89

足の先を  
斜めに段折り  
反対側も同じ  
Pleat inside.  
Repeat on  
the back.

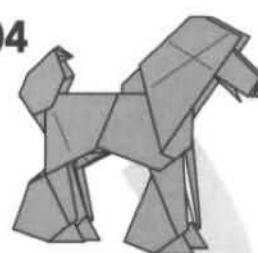
90



90

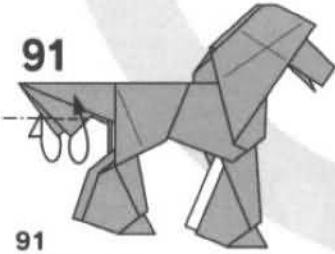
足の先を  
斜めに段折り  
反対側も同じ  
Pleat inside.  
Repeat on the back.

94



できあがり  
Model Completed

91

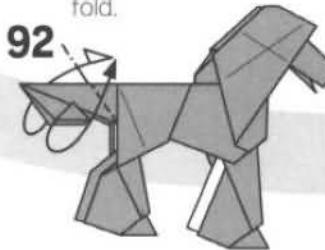


91  
カドを上に折る  
Fold the tips up.

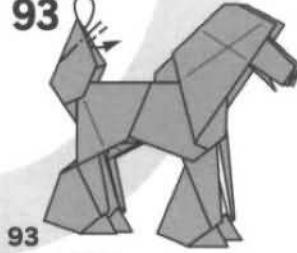
92

かぶせ折り  
Outside reverse  
fold.

92



93



93

中わり折り  
Inside reverse fold.

# トラ

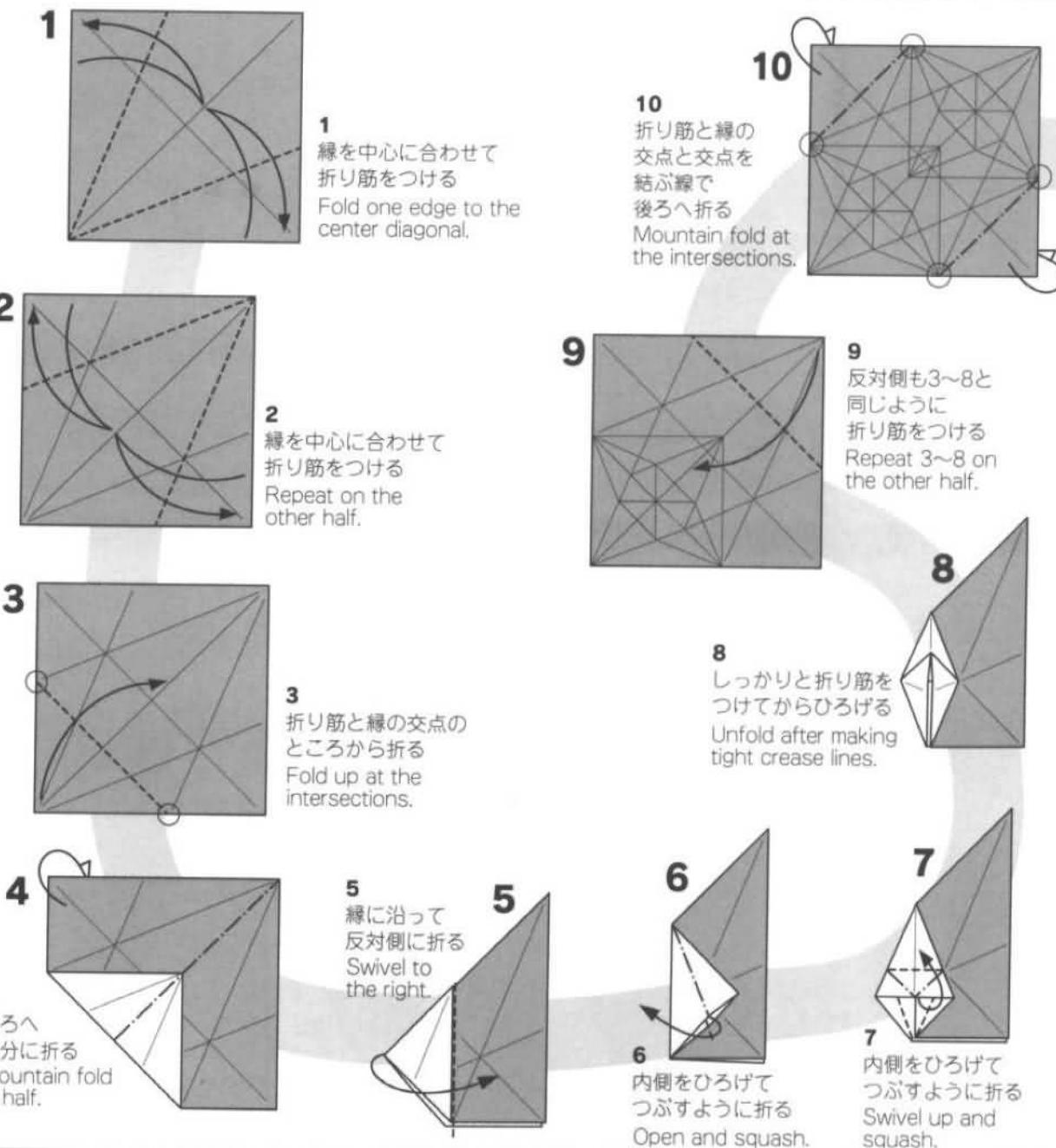
## Tiger

顔を折りで作り込むことを明確に目指したことによって、角の無限折りの幾何学的パターンを具象作品に定着させることができました。折り紙における幾何学性と見立ての重要性を強く認識するきっかけとなった思い出深い作品です。

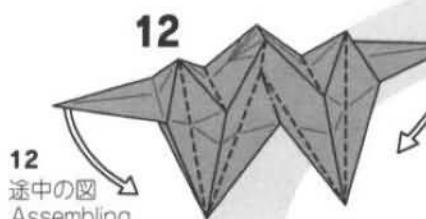
This Tiger features detailed description of a face. This is a good example of an application of geometrical pattern folds like infinite folds of angles to a descriptive model. This model let me recognize that Origami is both concrete and abstract.



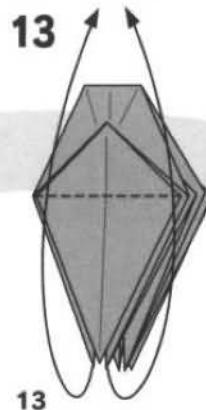
Created 1985 Paper 不切正方一枚折り: 1 piece



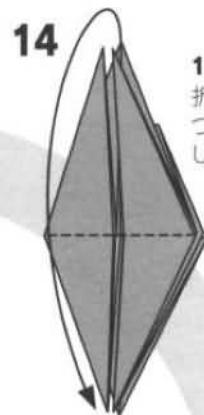
## 2 動物／トラ



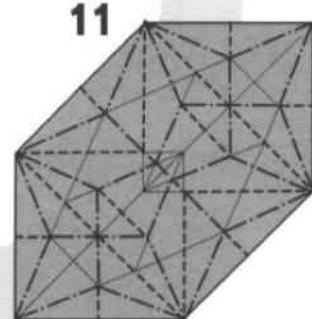
途中の図  
Assembling.



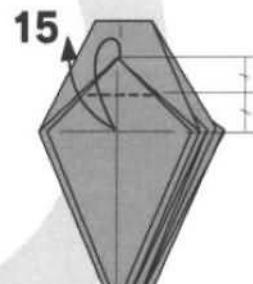
13  
カドを2枚重ねて  
上に折る  
Fold up two layers.



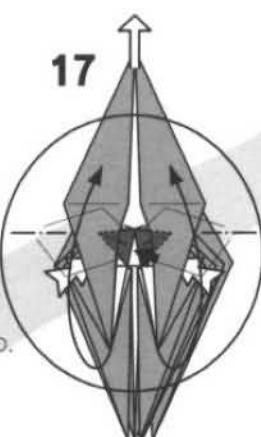
14  
折り筋を  
つけて戻す  
Unfold to 13.



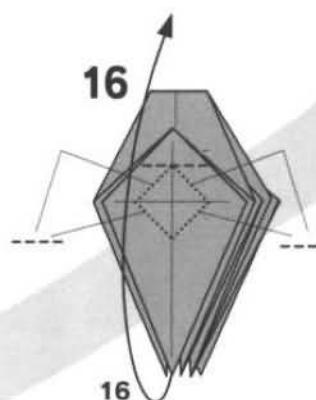
図のように山折り谷折りの  
筋をつけ直して折りまとめる  
Assemble using the crease  
lines made so far.



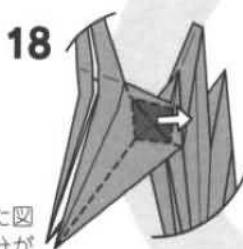
15  
カドを折り筋に  
合わせて  
折り筋をつける  
Fold down to  
the diagonal.



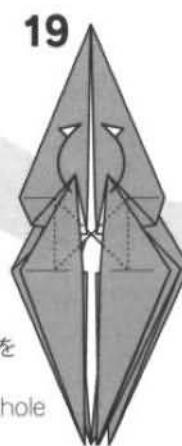
17  
■の部分を  
内側に押し込んで  
つぶすように折る  
The inner white  
layers are pulled up.  
Squash them.



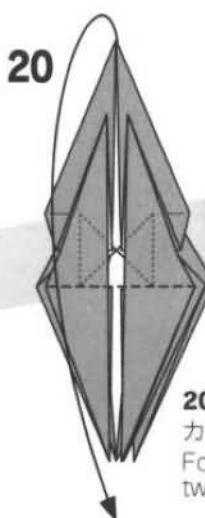
16  
つけた折り筋で  
カドを上に折る  
Fold up.



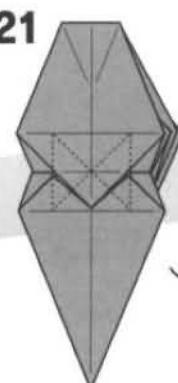
18  
横から見た図  
■の部分が  
手前に押し出される  
The side view.  
The darkened part  
is to be squashed.

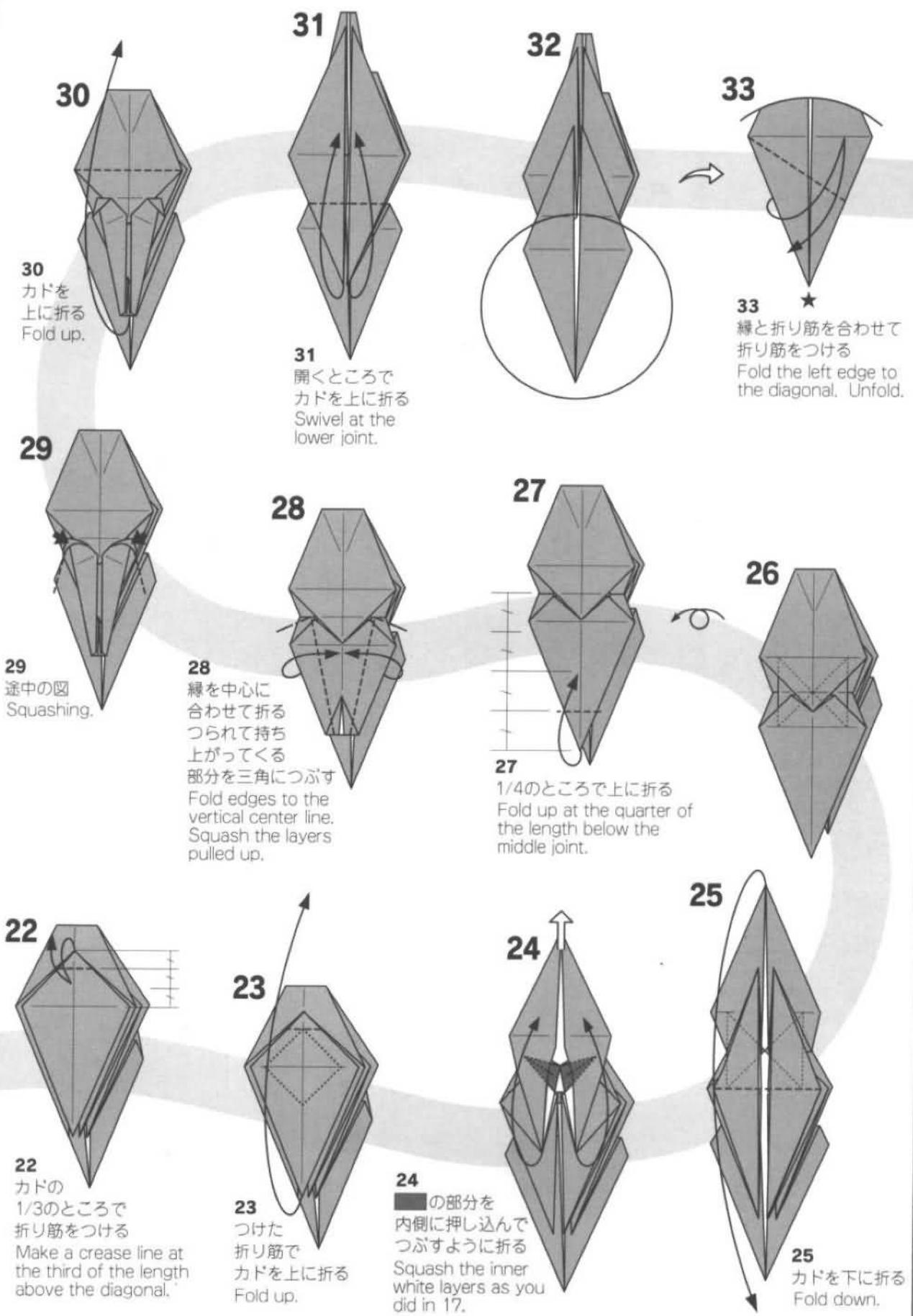


19  
途中の図  
そのまま全体を  
平らに畳む  
Flatten the whole  
thing.



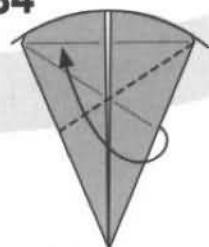
20  
カドを下に折る  
Fold down  
two layers.





2 動物／トラ

34



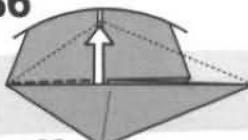
縁と折り筋を  
合わせて折る  
Repeat on the  
right.

35



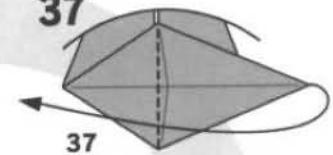
カドをつまむように折る  
Rabbit ear fold.

36



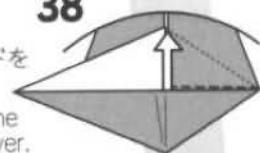
内側のカドを  
引き出す  
Pull out the  
hidden layer.

37



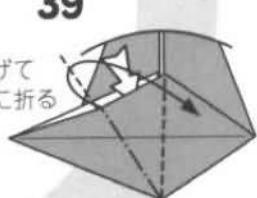
カドを反対側に折る  
Swivel to the left.

38



内側のカドを  
引き出す  
Pull out the  
hidden layer.

39



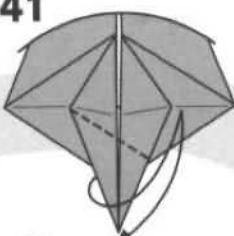
内側をひろげて  
つぶすように折る  
Open and  
squash.

42



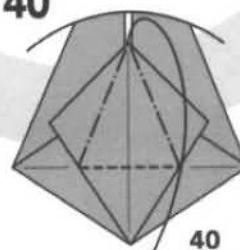
縁と折り筋を  
合わせて折る  
Repeat on the  
right.

41



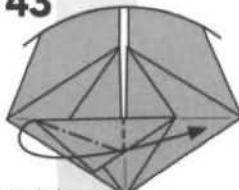
縁と折り筋を合わせて  
折り筋をつける  
Fold the left edge  
to the diagonal.

40



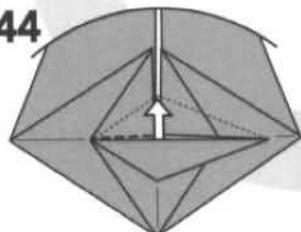
内側をひろげて  
つぶすように折る  
Swivel and  
squash.

43



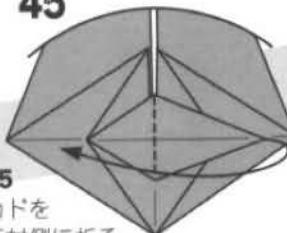
カドをつまむ  
ように折る  
Rabbit ear fold.

44



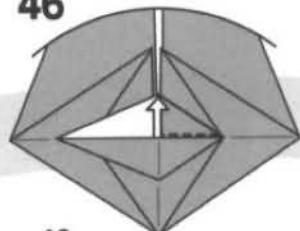
内側のカドを引き出す  
Pull out the inner layer.

45

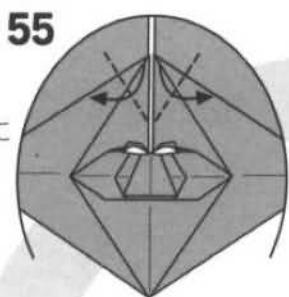


カドを  
反対側に折る  
Swivel to the left.

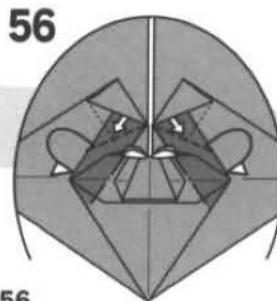
46



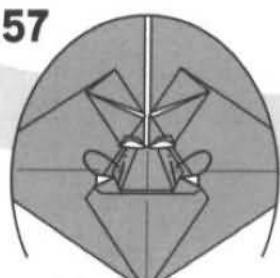
内側のカドを引き出す  
Pull out the inner layer.



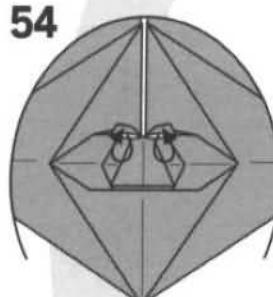
**55**  
カドを斜めに  
折る  
Valley fold  
the ears.



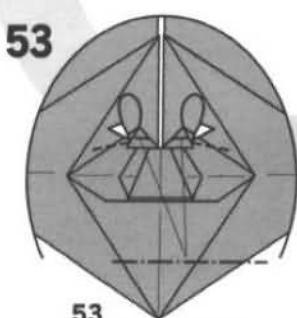
**56**  
内側の部分を出しながら  
■の部分を後ろへ折る  
Tuck the darkened parts inside.  
The hidden layers of the ears  
will be revealed.



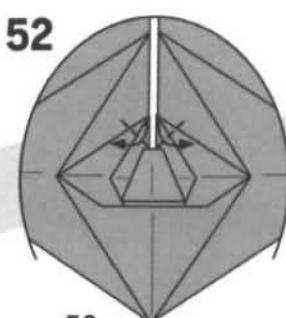
**57**  
少し細くするように  
後ろへ折る  
Tuck the corners  
inside.



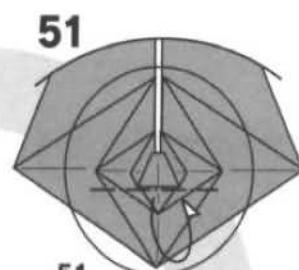
**54**  
すき間をひろげる  
Open eyes.



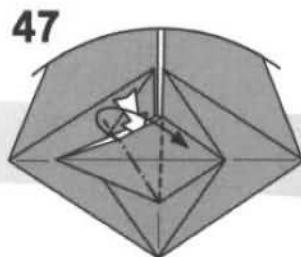
**53**  
カドを内側に折る  
Mountain fold the  
top of the lid.



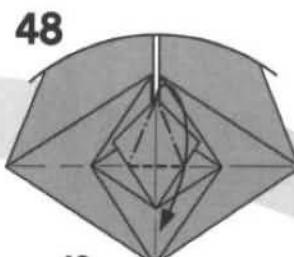
**52**  
カドを斜めに折る  
Valley folds.  
This step makes  
eyes.



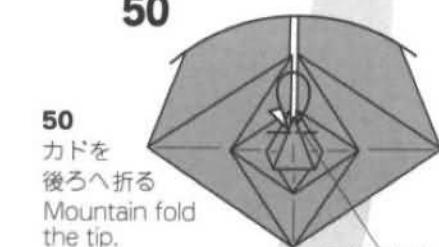
**51**  
カドを後ろへ折る  
Mountain fold the  
lower corner.



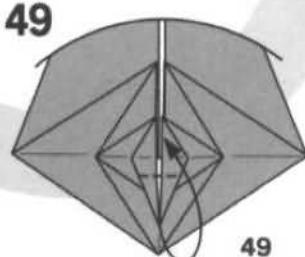
**47**  
内側をひろげて  
つぶすように折る  
Open and squash.



**48**  
内側をひろげて  
つぶすように折る  
Swivel and squash.

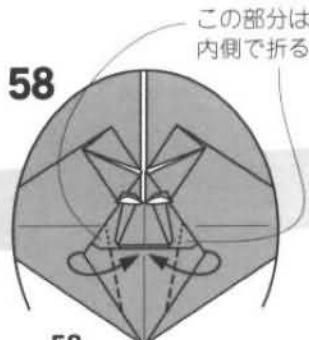


**50**  
カドを  
後ろへ折る  
Mountain fold  
the tip.

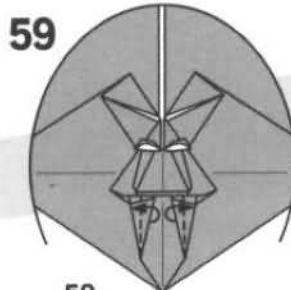


**49**  
カドを上に折る  
Fold up.

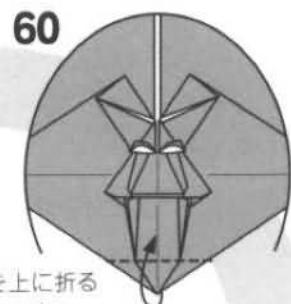
## 2 動物／トラ



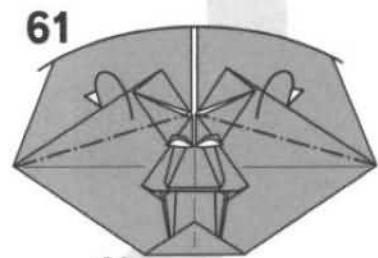
**58**  
口になるところを  
斜めに折る  
Valley fold the inner layers  
to form a mouth.



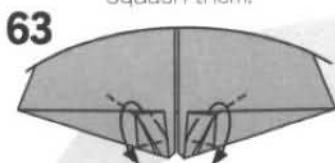
**59**  
縁と縁を合わせて  
細く折る  
Fold edge to edge  
and shape the  
mouth.



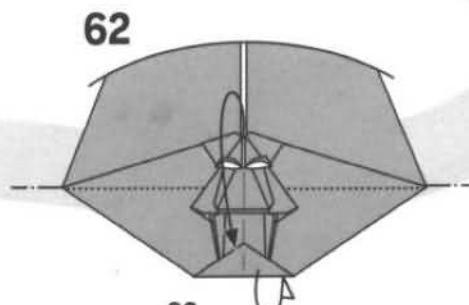
**60**  
カドを上に折る  
Fold up the  
bottom corner.



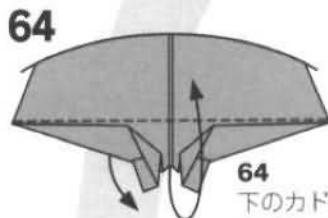
**61**  
カドを後ろへ折る  
Mountain fold  
the corners.



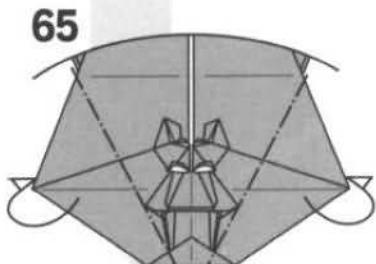
**63**  
内側をひろげて  
つぶすように折る  
Open the ears and  
squash them.



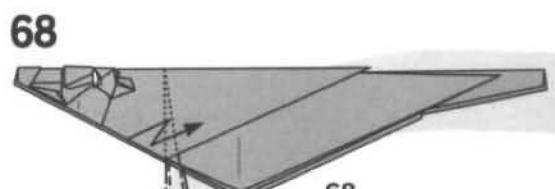
**62**  
それぞれカドを  
同時に反対側に折る  
Swivel the face  
backwards.



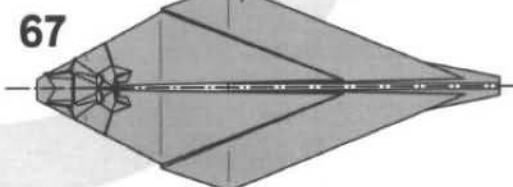
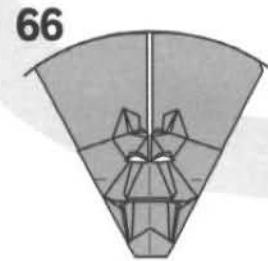
**64**  
下のカドを出しながら  
カドを上に折る  
Swivel back.



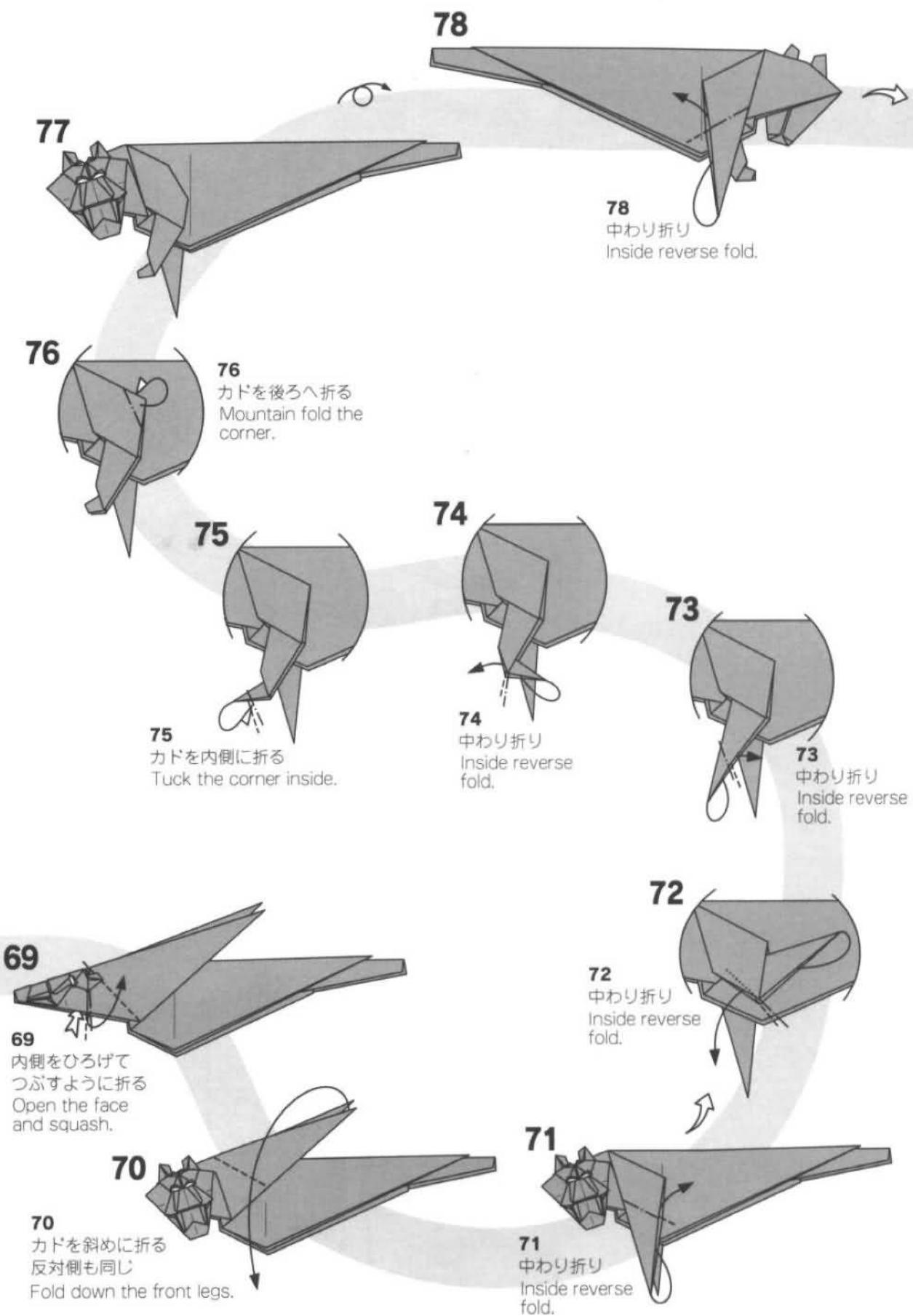
**65**  
縁を中心にはわせて  
後ろへ折る  
Mountain fold the  
bottom edges to  
the center.



**68**  
斜めにかぶせる  
ように段折り  
Pleat outside.

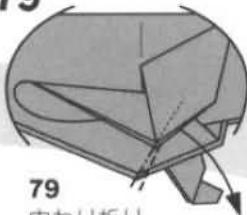


**67**  
後ろへ半分に折る  
Mountain fold in half.



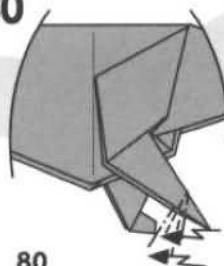
2 動物／トラ

79



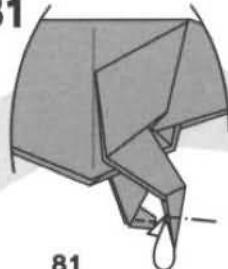
79  
中わり折り  
Inside reverse fold.

80



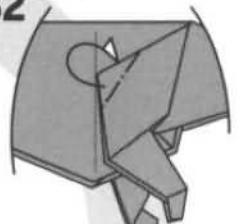
80  
かぶせるように  
段折り  
Pleat outside.

81



81  
カドを内側に折る  
Tuck the corner  
inside.

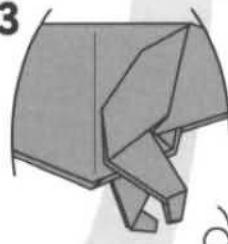
82



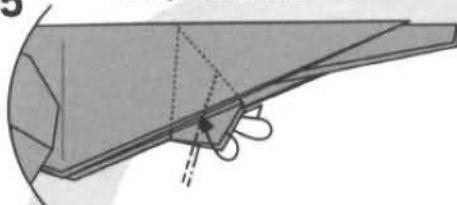
82

カドを後ろへ折る  
Mountain fold the  
corner.

83



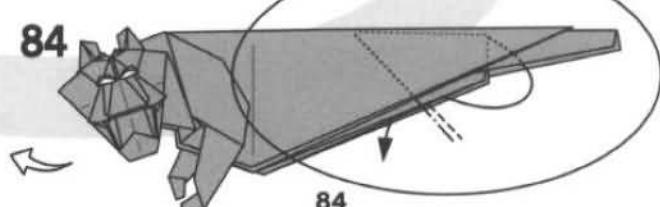
85



85

かぶせるように  
折る  
Valley fold inside.

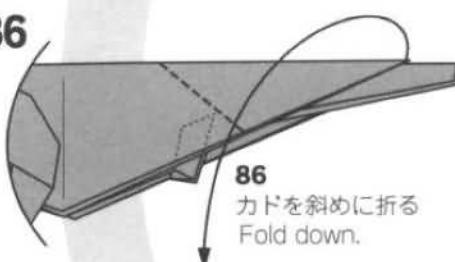
84



84

内側のカドを  
中わり折り  
Inside reverse  
the inner layers.

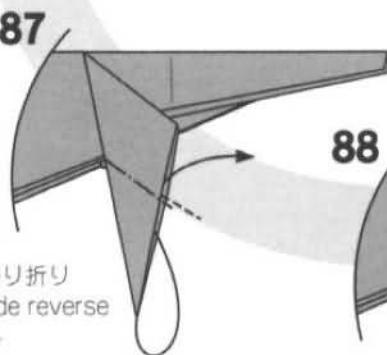
86



86

カドを斜めに折る  
Fold down.

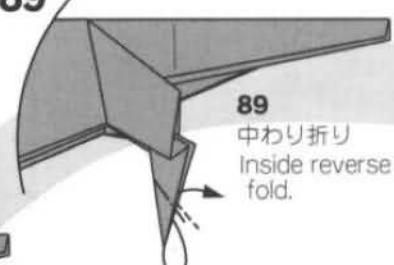
87



87

中わり折り  
Inside reverse  
fold.

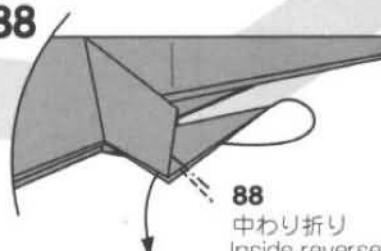
89



89

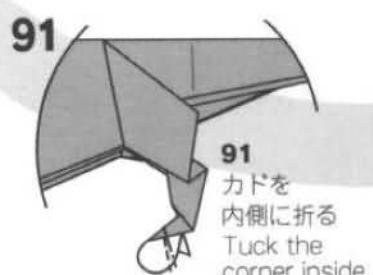
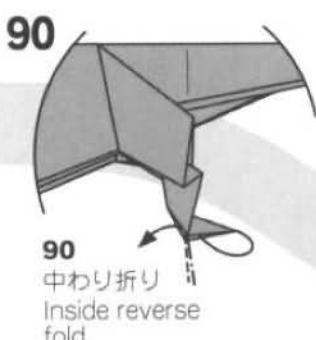
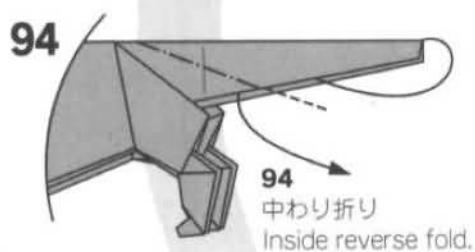
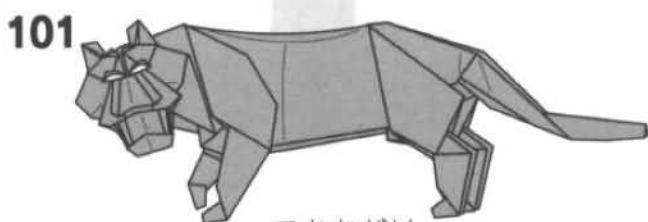
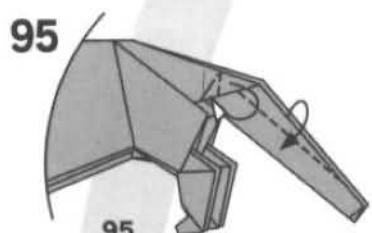
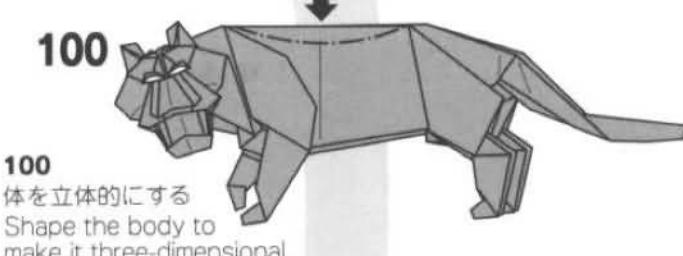
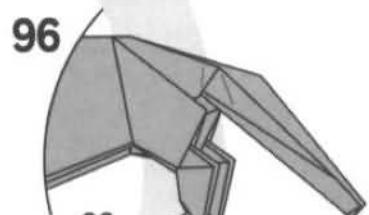
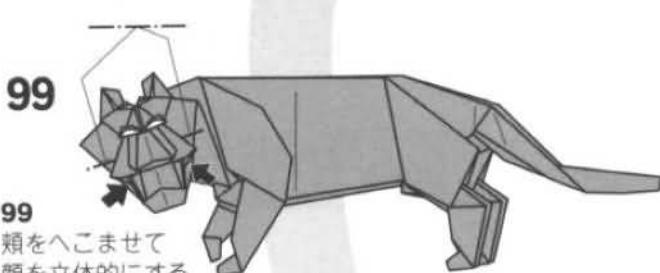
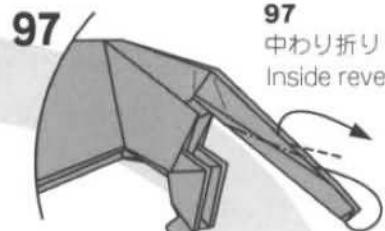
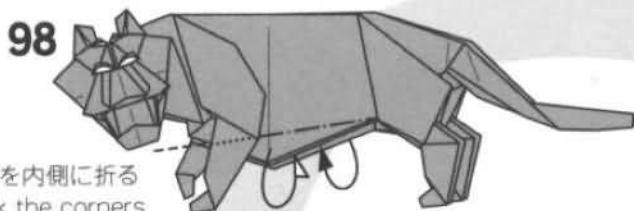
中わり折り  
Inside reverse  
fold.

88



88

中わり折り  
Inside reverse  
fold.



# 馬

## Horse

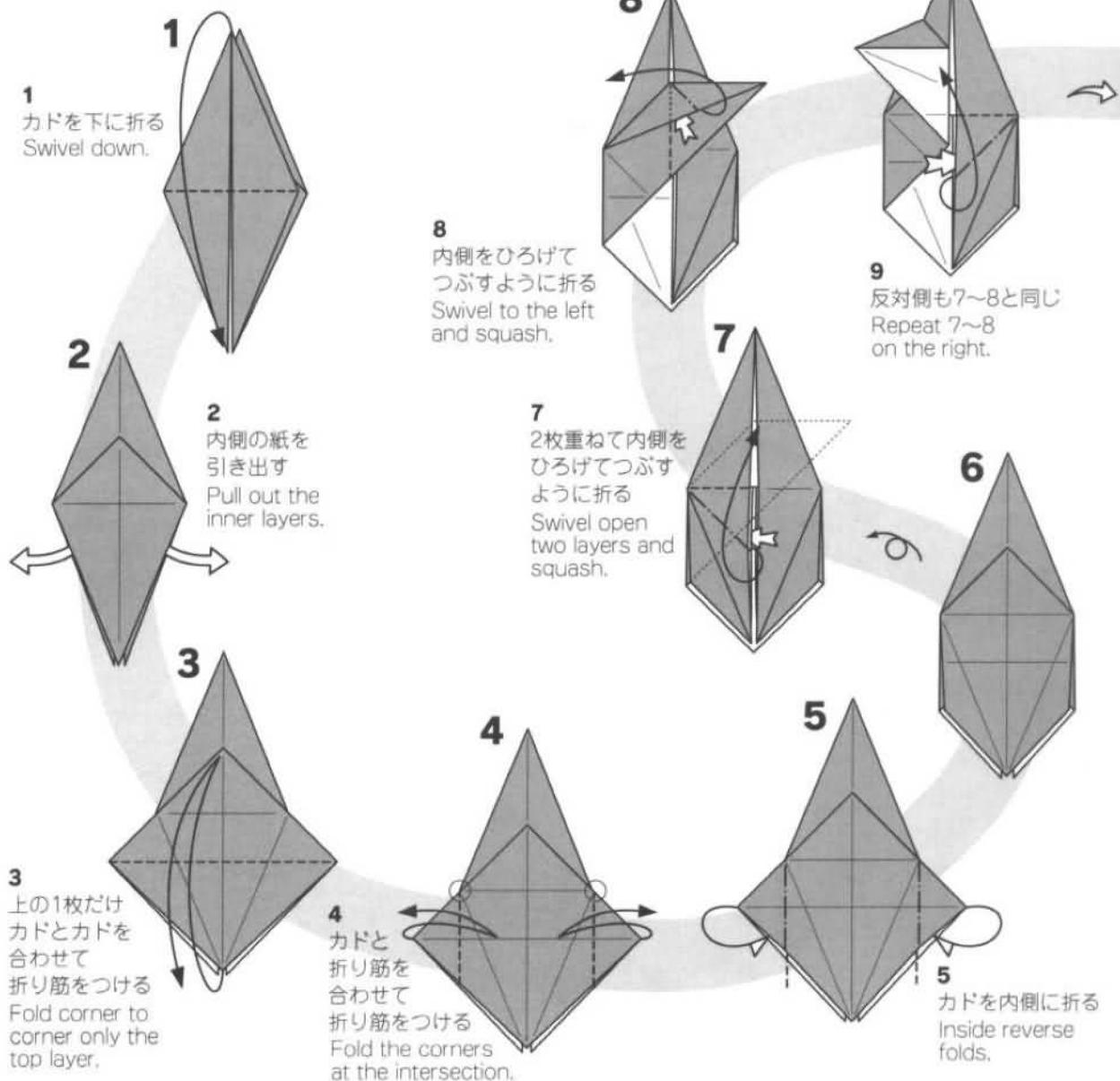
体は厚くなりますので背中を割らないように気をつけて折ってください。コツをつかめば、体の厚みがむしろ重量感を与えてくれます。頭部から鬣にかけての表現は、ペガサスに引き継がれています。

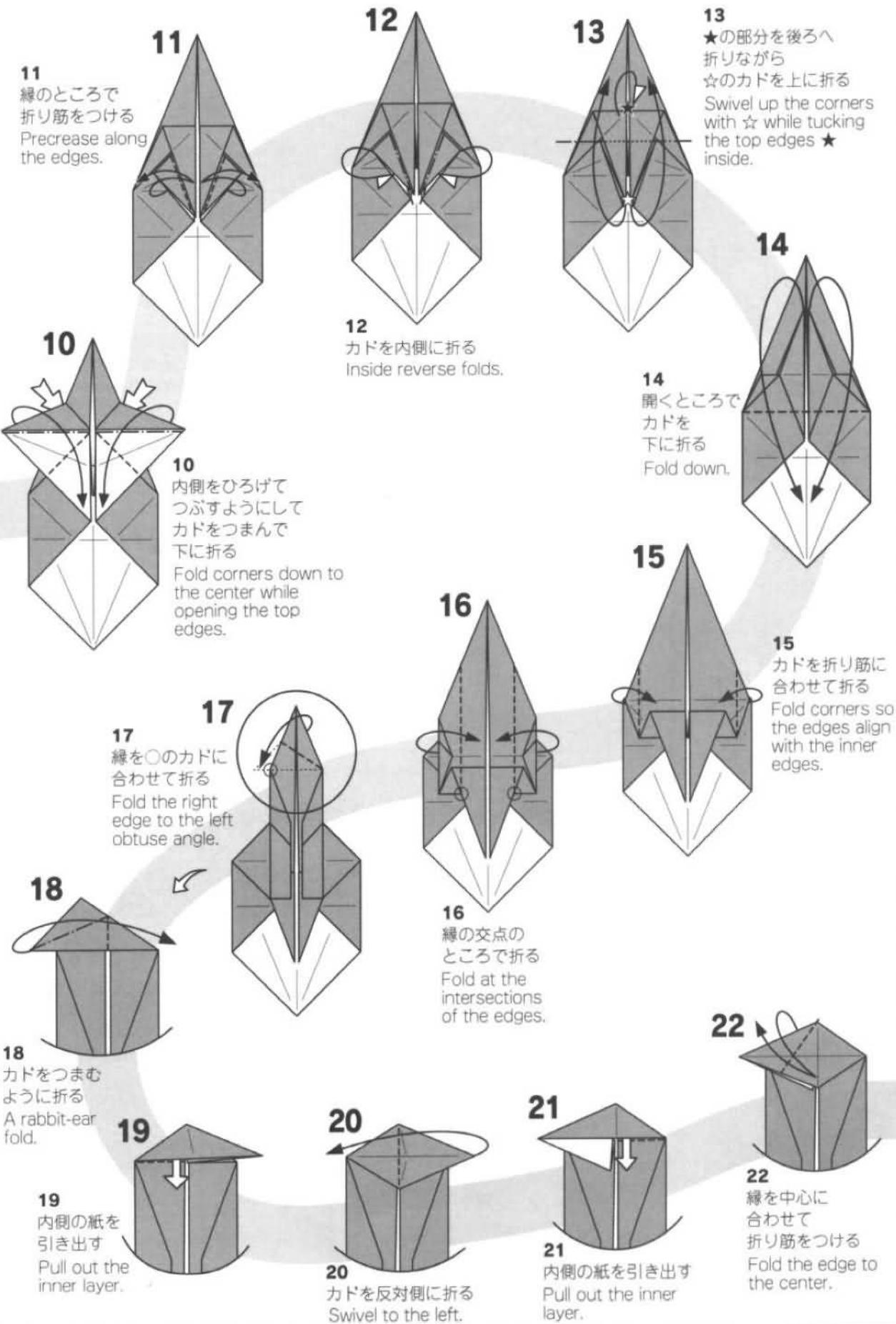
Carefully form the back, as there are thick layers so that it may crack. The thickness, when carefully folded, can give this model concreteness. The head and the mane are formed in the same way as the head and the mane of Pegasus are.



Created 1989 Paper 不切正方一枚折り: 1 piece

P. 8 [鶴の基本形] からはじめる  
Start with [Bird Base] (P. 8)





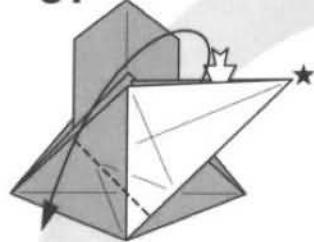
## 2 動物／馬

31

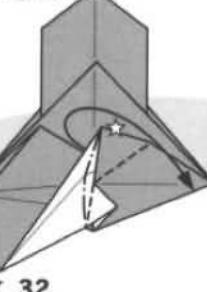
内側をひろげて  
ついている折り筋で  
反対側に折る

Open along the  
precrease line.

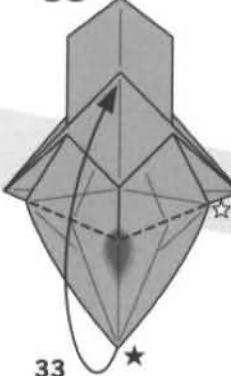
31



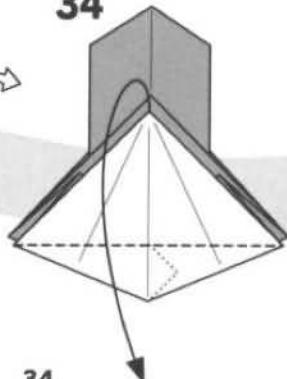
32



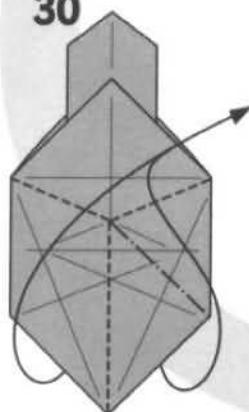
33



34



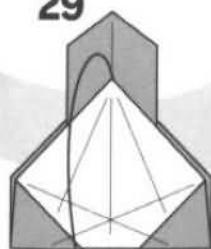
30



30

つけた折り筋を  
使って折りたたむ  
Fold as shown.  
A kind of rabbit-ear  
fold.

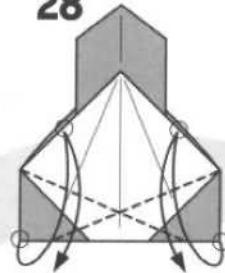
29



29

27の形まで戻す  
Unfold to 27.

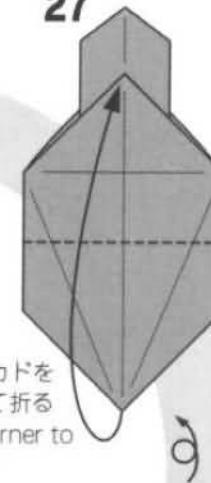
28



28

カドと縁を合わせて  
折り筋をつける  
Fold the corners to  
the top edges.

27



27

カドとカドを  
合わせて折る  
Fold corner to  
corner.

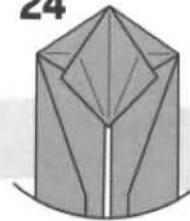
23



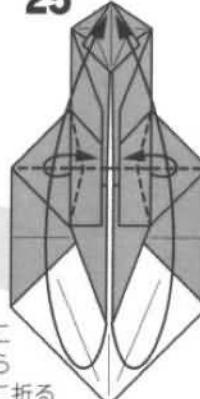
23

内側をひろげて  
つぶすように折る  
Open and squash.

24

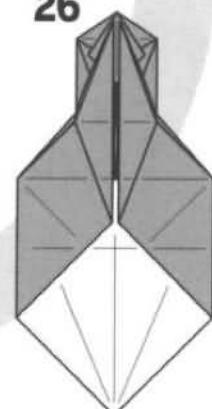


25

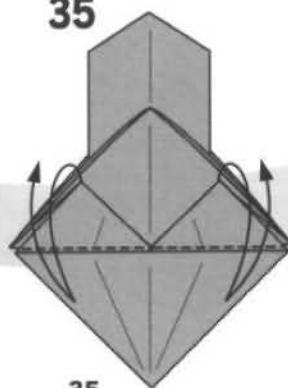


縁を内側に  
折りながら  
カドを上に折る  
Swivel up while narrowing  
the edges (a kind of  
inside-reverse fold).

26

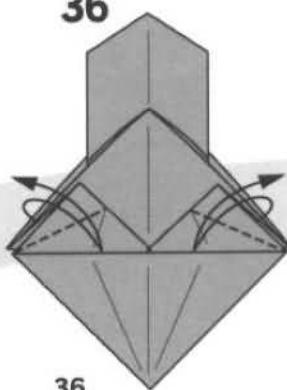


35



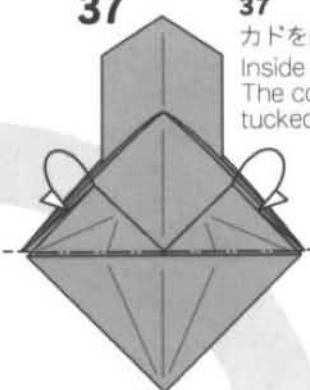
縁のところで  
折り筋をつける  
Precrease along  
the edge.

36



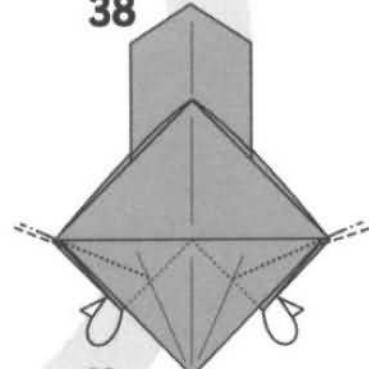
36  
縁と縁を合わせて  
折り筋をつける  
Fold the top edges  
to the diagonal edge.

37



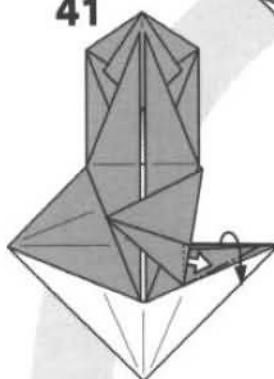
37  
カドを内側に折る  
Inside reverse folds.  
The corners are  
tucked in.

38



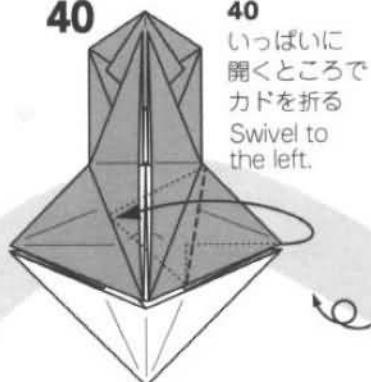
38  
36でつけた折り筋で  
カドを内側に折る  
Inside reverse folds  
along the precrease  
lines of 36.

41



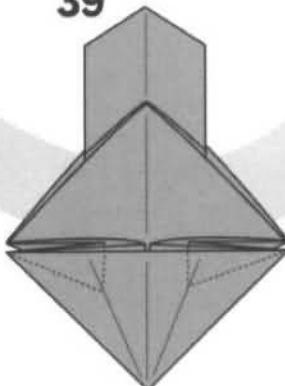
41  
内側の紙を  
引き出して  
ずらしてつぶす  
ように折る  
Pull out the layer  
tucked in and  
squash.

40

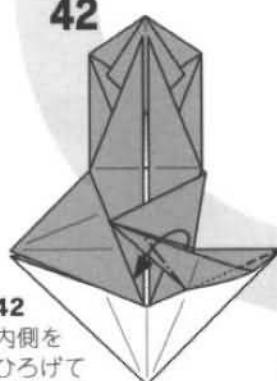


40  
いっぱいに  
開くところで  
カドを折る  
Swivel to the left.

39

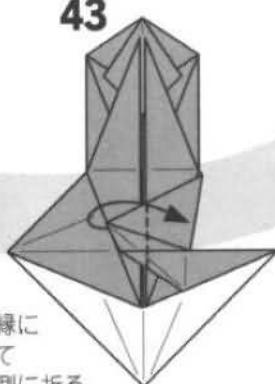


42



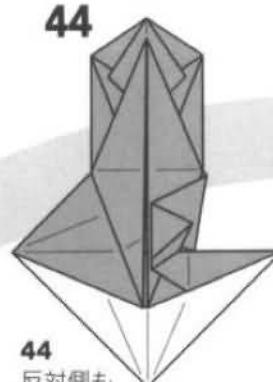
42  
内側を  
ひろげて  
ずらして  
つぶすように折る  
Open and squash.

43



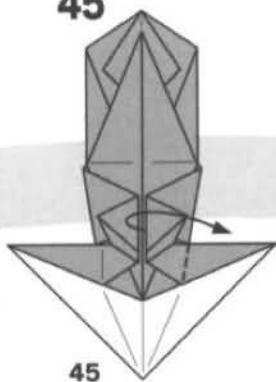
43  
下の縁に  
沿って  
反対側に折る  
Swivel to the right.

44



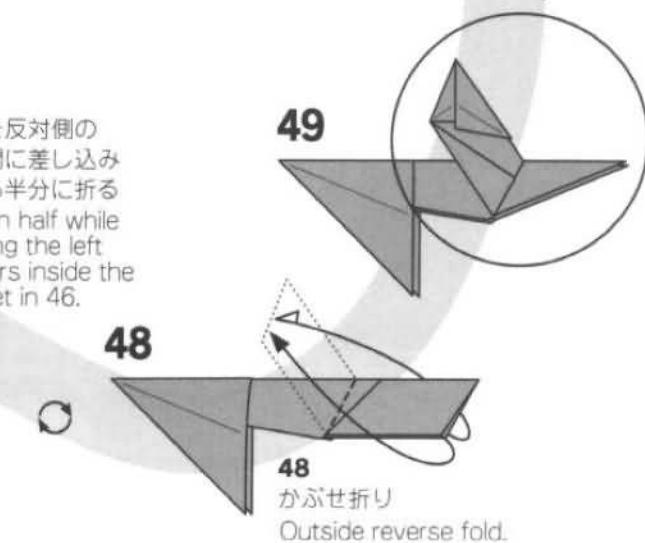
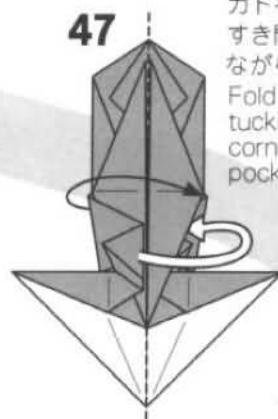
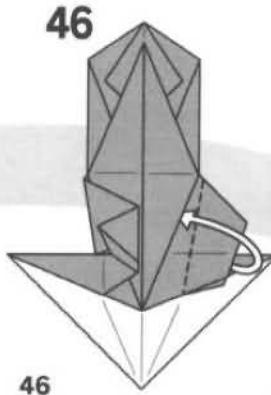
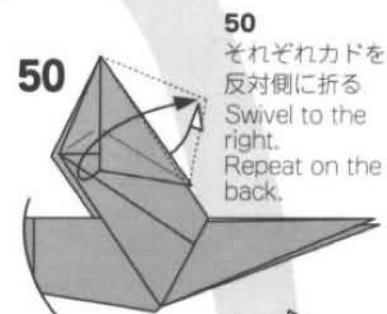
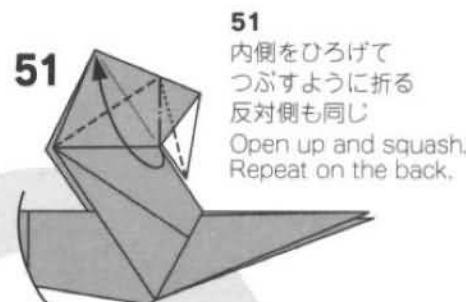
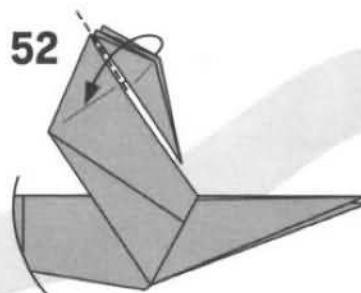
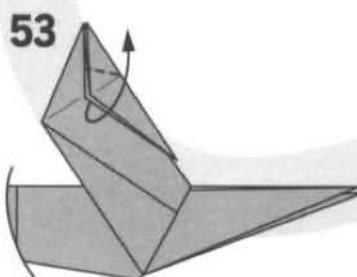
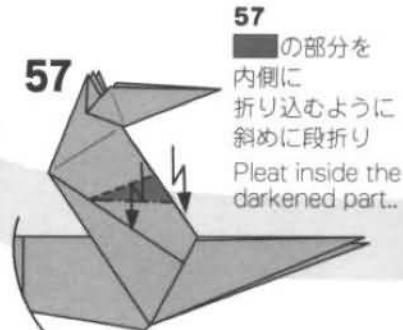
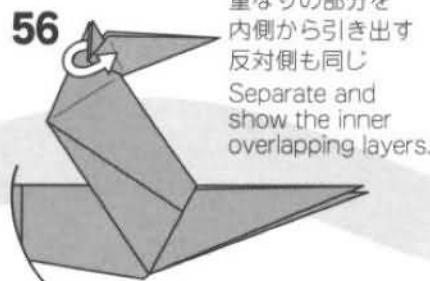
44  
反対側も  
40~43と同じ  
Repeat 40~43  
on the left.

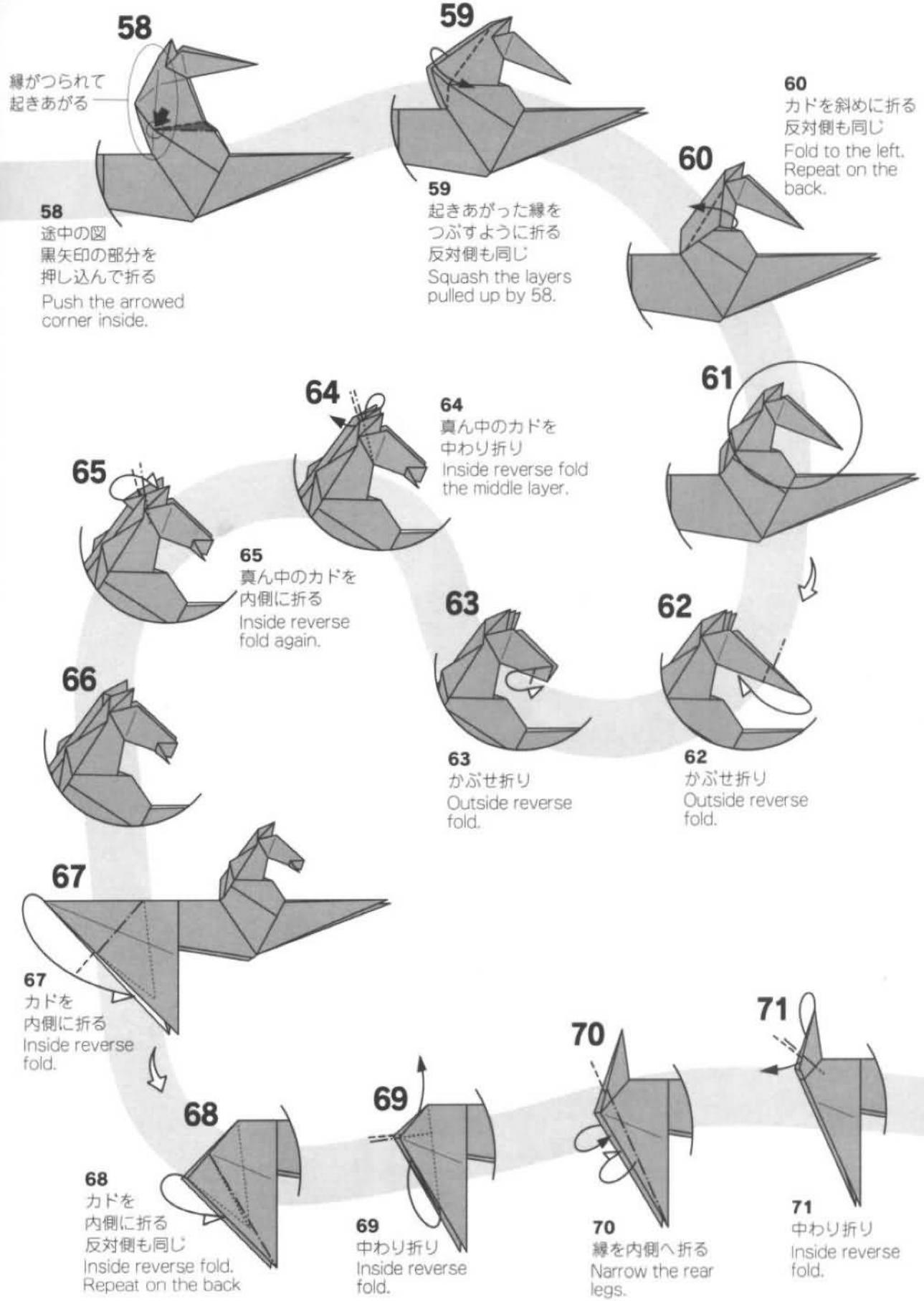
45



45  
片側のカドを  
反対側に折る  
Swivel to the right.

## 2 動物／馬



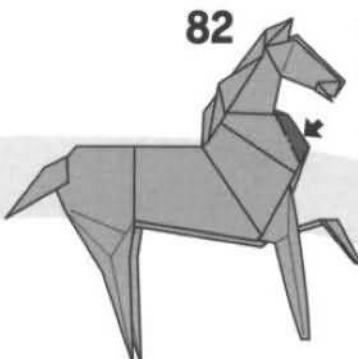


## 2 動物／馬

**81**  
カドを内側に折る  
Inside reverse fold  
the tip of the toe.

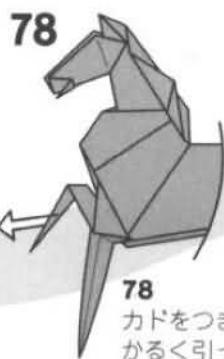
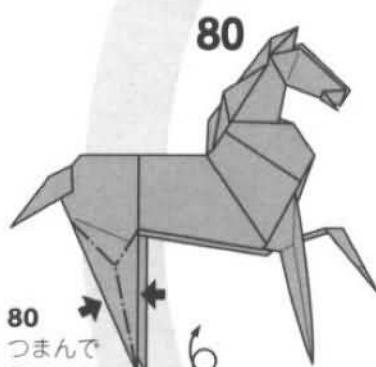


**82**  
■の部分を  
つぶして平らにする  
Squash the  
darkened part.

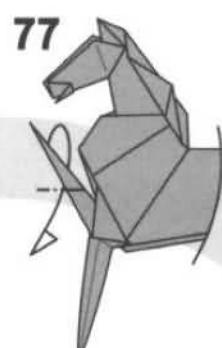


できあがり  
Model Completed

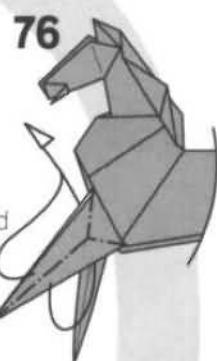
**80**  
つまんで  
細くする  
ように折る  
反対側も同じ  
Rabbit-ear  
folds



**78**  
カドをつまんで  
かるく引っ張って  
立体的にする  
Pinch the corner  
and shape it into  
a 3-D form.

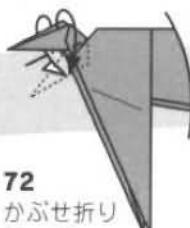


**77**  
カドを後ろへ折る  
A mountain fold.



**76**  
カドをつまんで  
後ろへ上に折る  
A rabbit-eat fold  
and fold up.

**72**



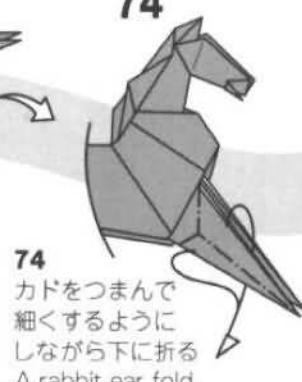
**72**  
かぶせ折り  
Outside  
reverse fold.

**73**



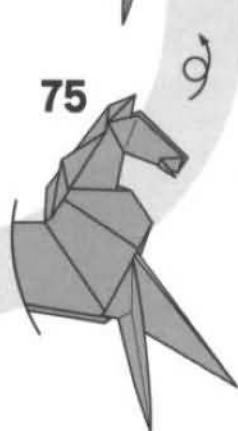
**73**  
斜めに段折り  
反対側も同じ  
Pleat inside.  
Repeat on  
the back.

**74**



**74**  
カドをつまんで  
細くするように  
しながら下に折る  
A rabbit-ear fold.

**75**



# 縞のあるトラ

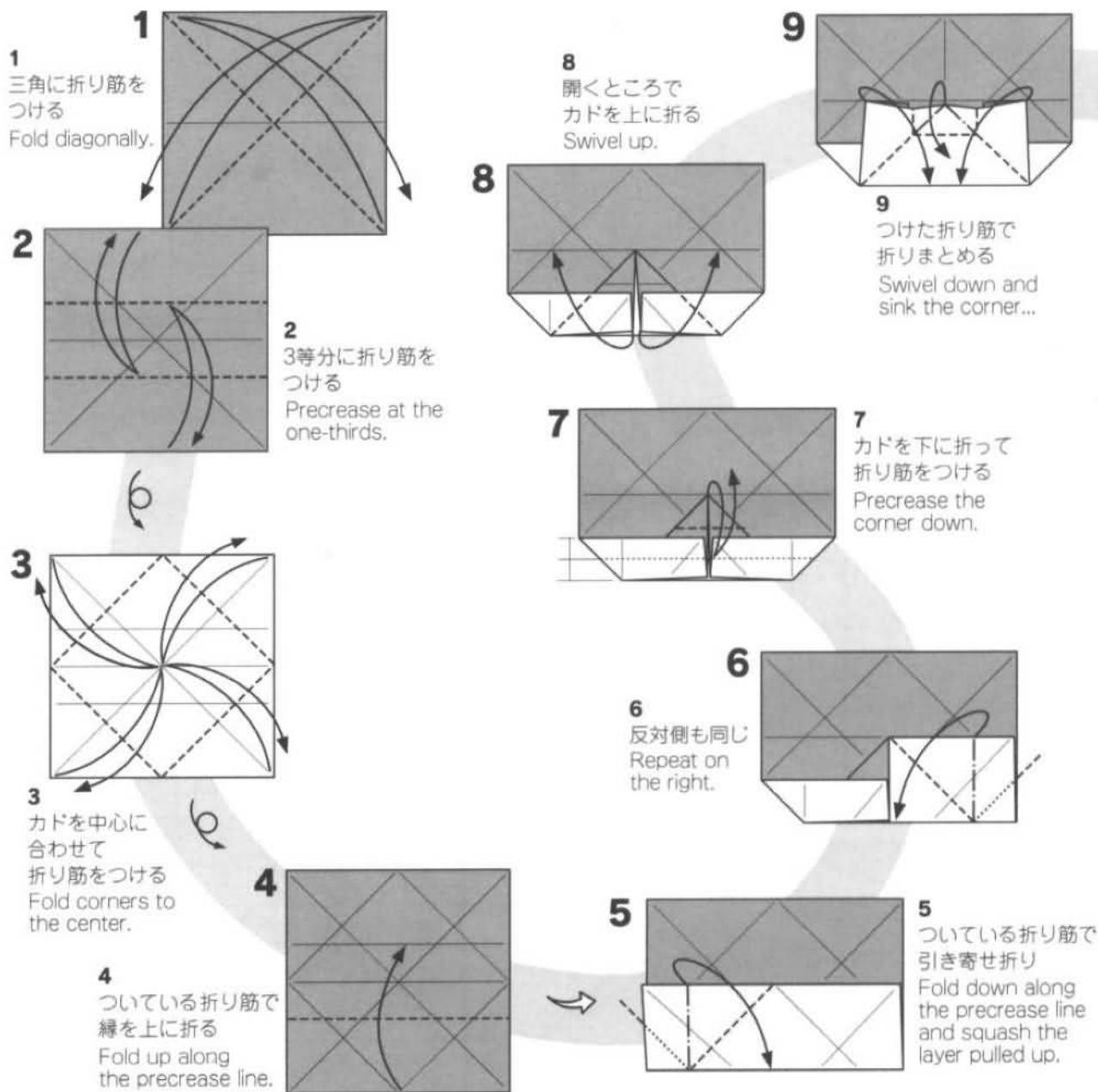
## Tiger (with Stripes)

インサイドアウトにより縞を表現したトラですが、作品としてのまとまりを与えるのは、あまり手を加えずに仕上がった顔のようです。図20の段折りは、図に示されている通り、脚の幅よりやや広めのところで山線を取ります。

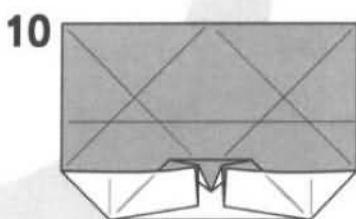
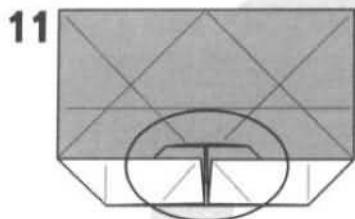
Despite an inside-out expression of stripes, the face integrates the whole model. The pleat in 20 must be wider than the width of the part squashed in 14.



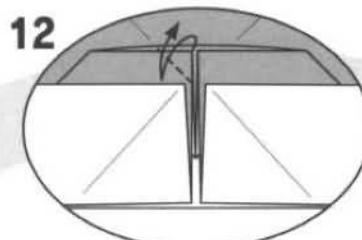
Created 1994 Paper 不切正方一枚折り: 1 piece



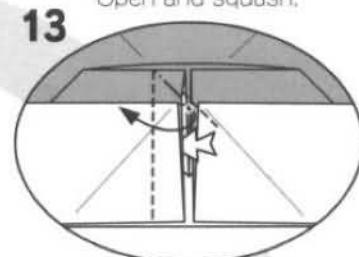
## 2 動物／縞のあるトラ



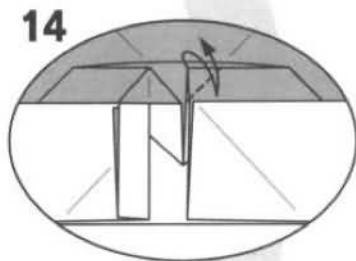
10  
途中の図  
as shown.



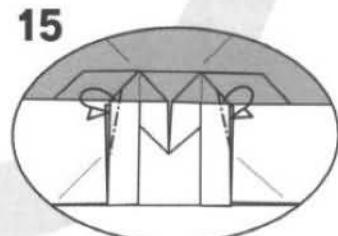
12  
縁と縁を合わせて  
折り筋をつける  
Fold edge to edge.



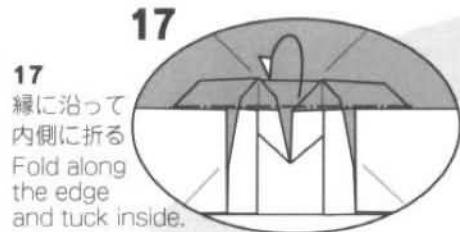
13  
内側をひろげて  
つぶすように折る  
Open and squash.



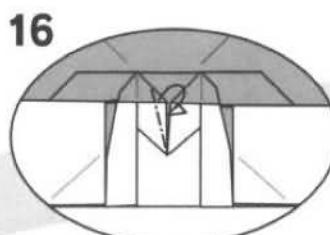
14  
右側も12～  
13と同じ  
Repeat on the right.



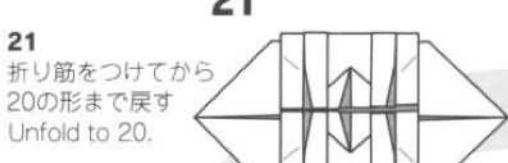
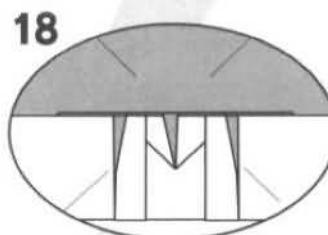
15  
カドを後ろへ折る  
Mountain fold the  
corners.



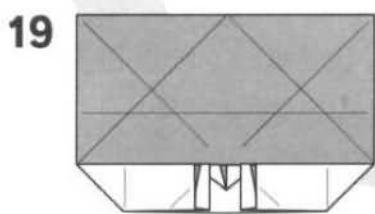
17  
縁に沿って  
内側に折る  
Fold along  
the edge  
and tuck inside.



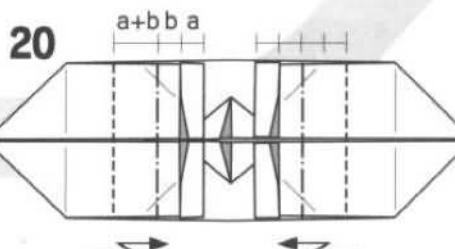
16  
カドを後ろへ折る  
Mountai fold the  
corners.



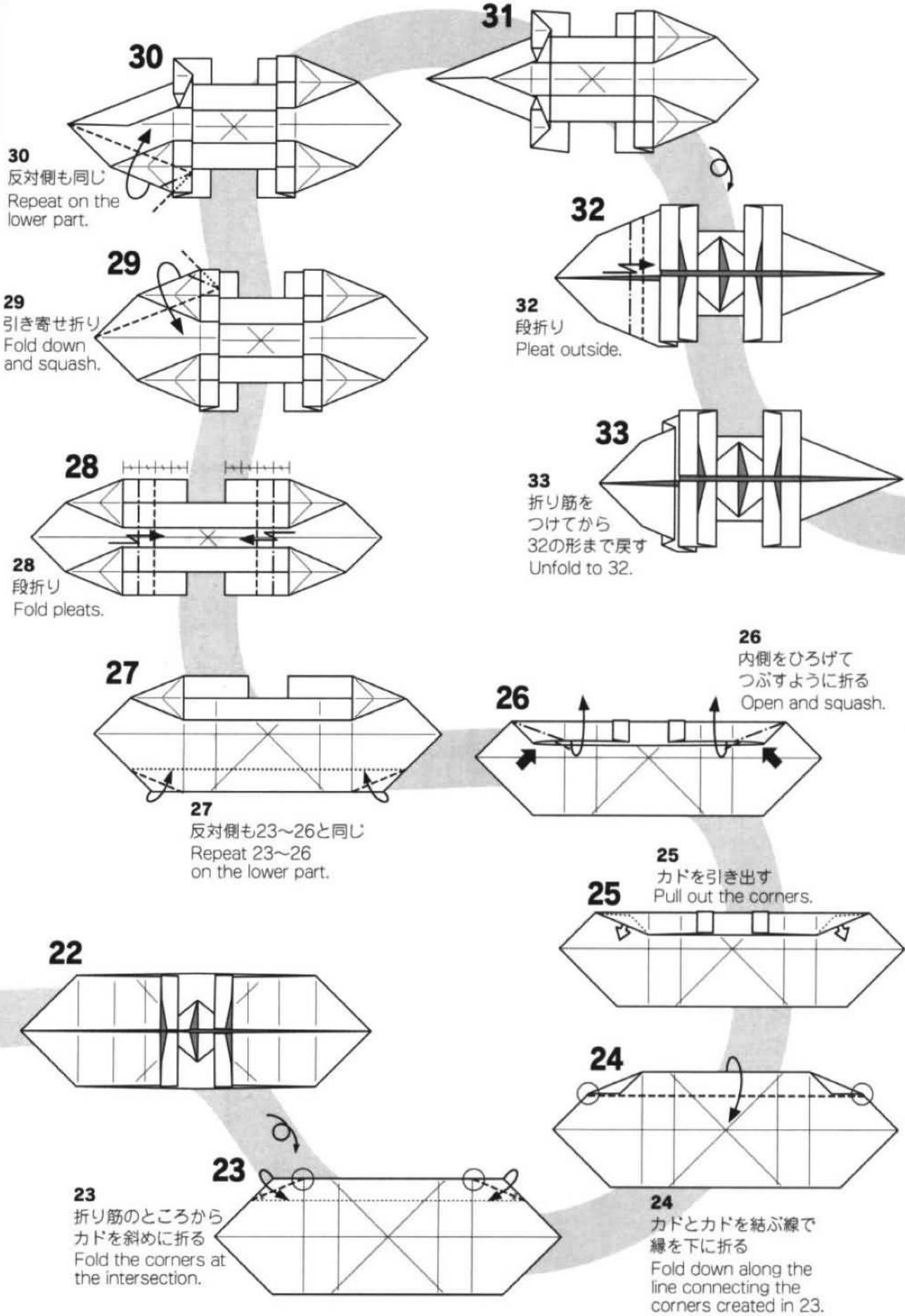
21  
折り筋をつけてから  
20の形まで戻す  
Unfold to 20.



19  
反対側も4～17と同じ  
Repeat 4～17 on the top.



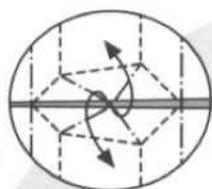
20  
段折り  
bの幅をaの幅より  
わずかに多めに取る  
Fold pleats.  
Note that b is  
slightly wider  
than a.



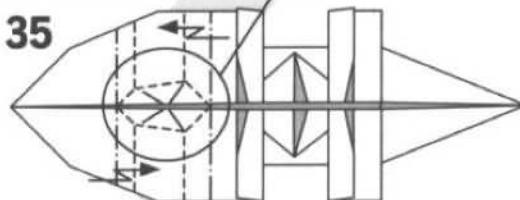
## 2 動物／縞のあるトラ

35

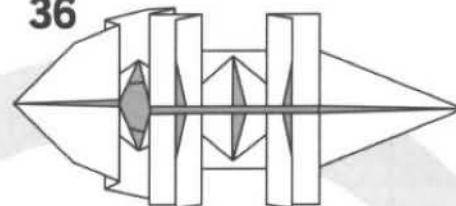
内側をひろげながら  
ついている折り筋で  
折りまとめる  
Refold the pleats  
while opening and  
squashing the middle  
portion as shown...



35



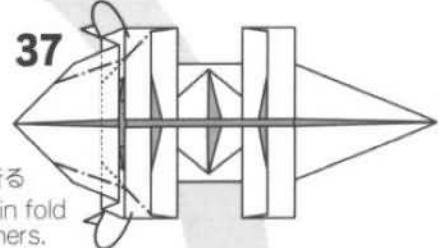
36



36

途中の図  
like this.

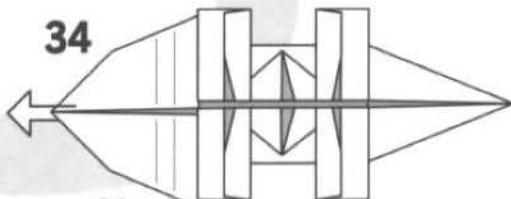
37



37

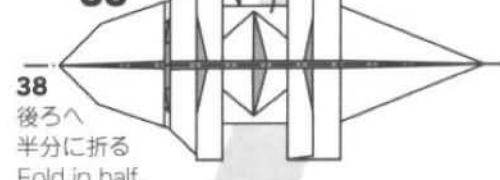
カドを  
後ろへ折る  
Mountain fold  
the corners.

34

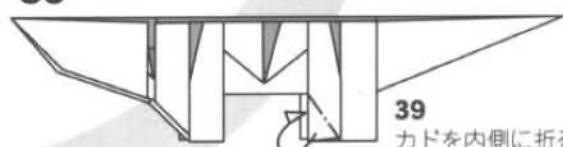


34  
段折りの部分を  
ひろげる  
Open the pleats.

38



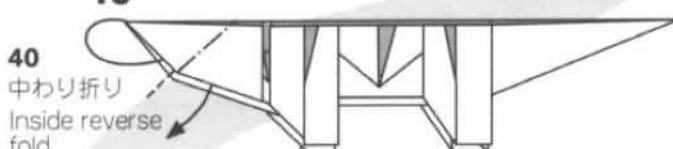
39



39

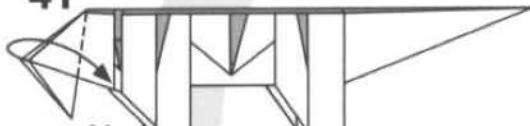
カドを内側に折る  
反対側も同じ  
Mountain fold the  
rear feet.

40



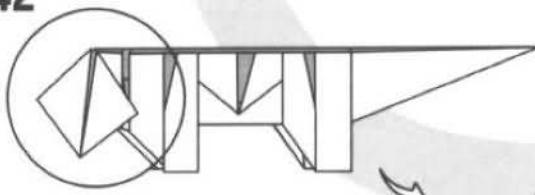
40  
中わり折り  
Inside reverse  
fold.

41



41  
カドを開くところで折る  
Swivel to the right.

42



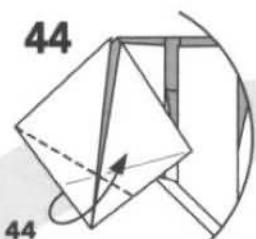
43



43

斜めに  
折り筋をつける  
Precrease as shown.

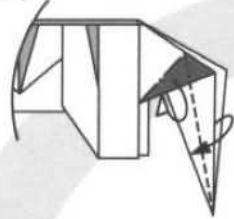
44



44

カドを斜めに折る  
Repeat on the left.

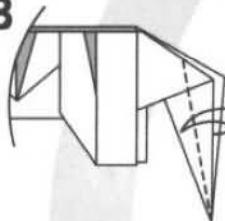
54



54

■の部分を内側に  
折り込みながら  
つけた折り筋で縁と  
縁を合わせて折る  
Tuck the darkened  
part inside and  
narrow the tail  
again.

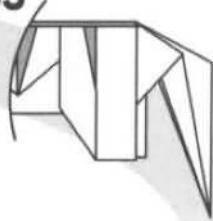
53



53

縁と縁を合わせて  
折り筋をつける  
Narrow the tail.  
Unfold.

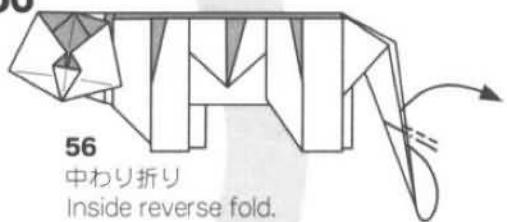
55



55

反対側も同じ  
Repeat on  
the back.

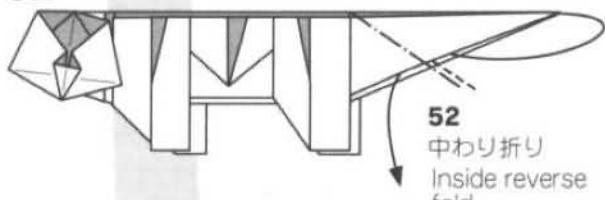
56



56

中わり折り  
Inside reverse fold.

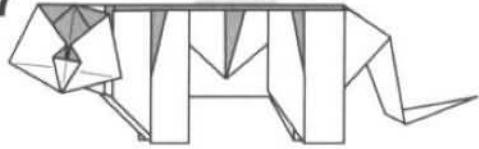
52



52

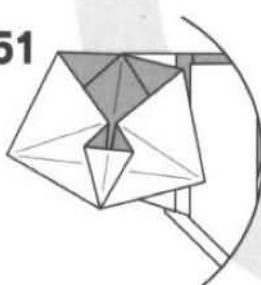
中わり折り  
Inside reverse  
fold.

57

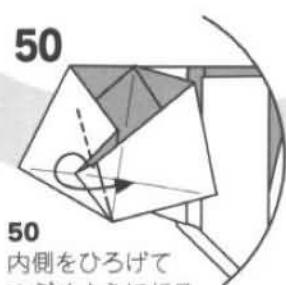


できあがり  
Model Completed

51



50



50

内側をひろげて  
つぶすように折る  
Open and squash.

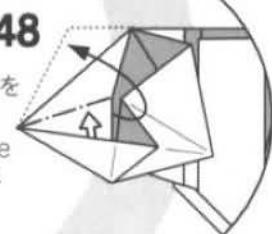
49



49

カドを  
反対側に折る  
Swivel to the left.

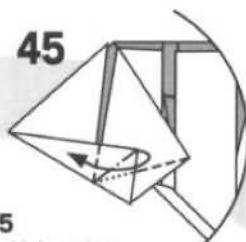
48



48

内側のカドを  
引き出す  
Pull out the  
inner layer.

45



45

カドをつまむ  
ように折る  
Form a rabbit-ear.

46



46

内側のカドを引き出す  
Pull out the inner layer.

47



47

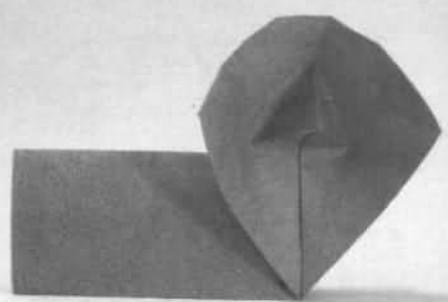
カドを  
反対側に折る  
Swivel to the right.

# シンプルライオン

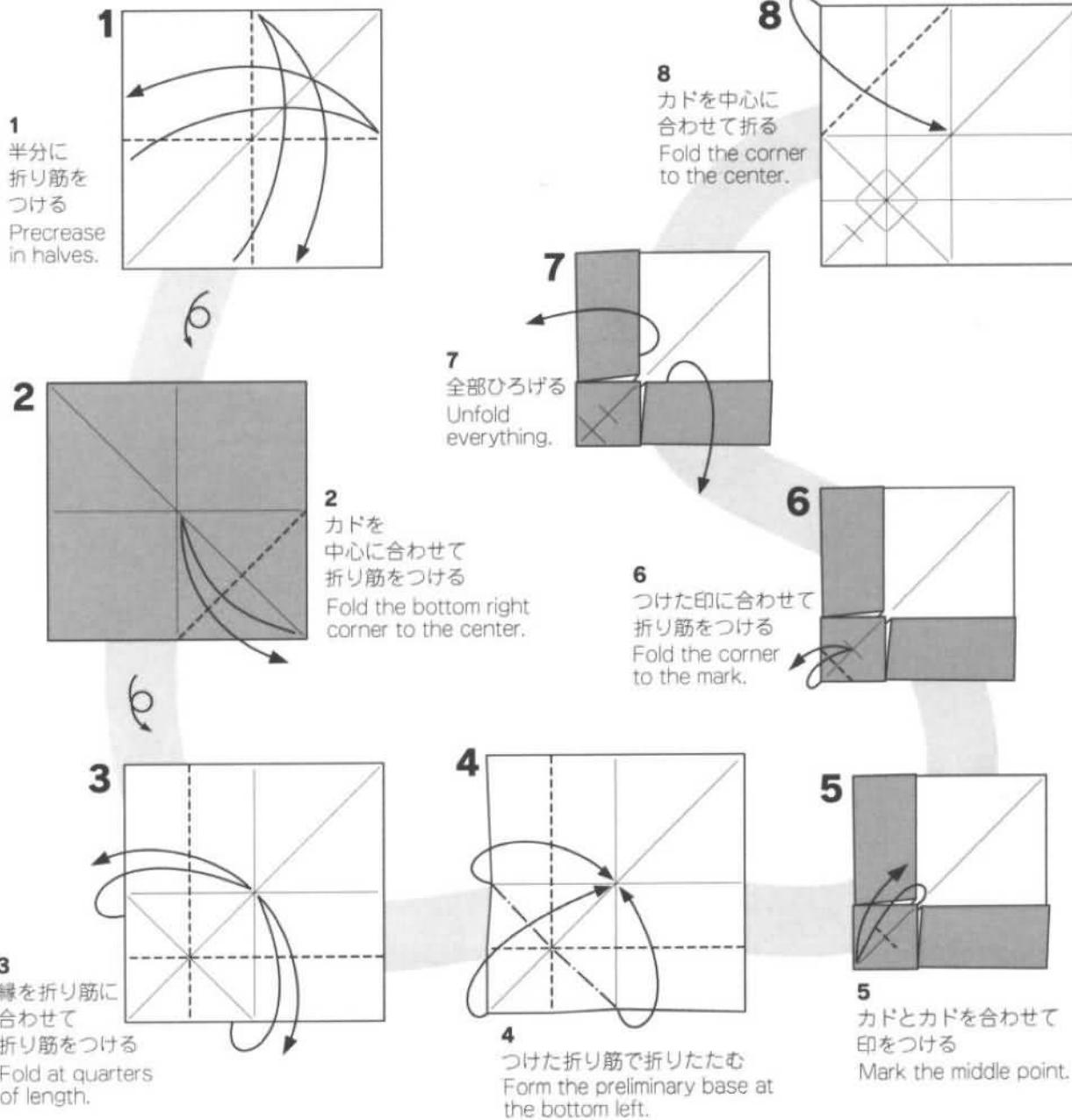
## A Simple Lion

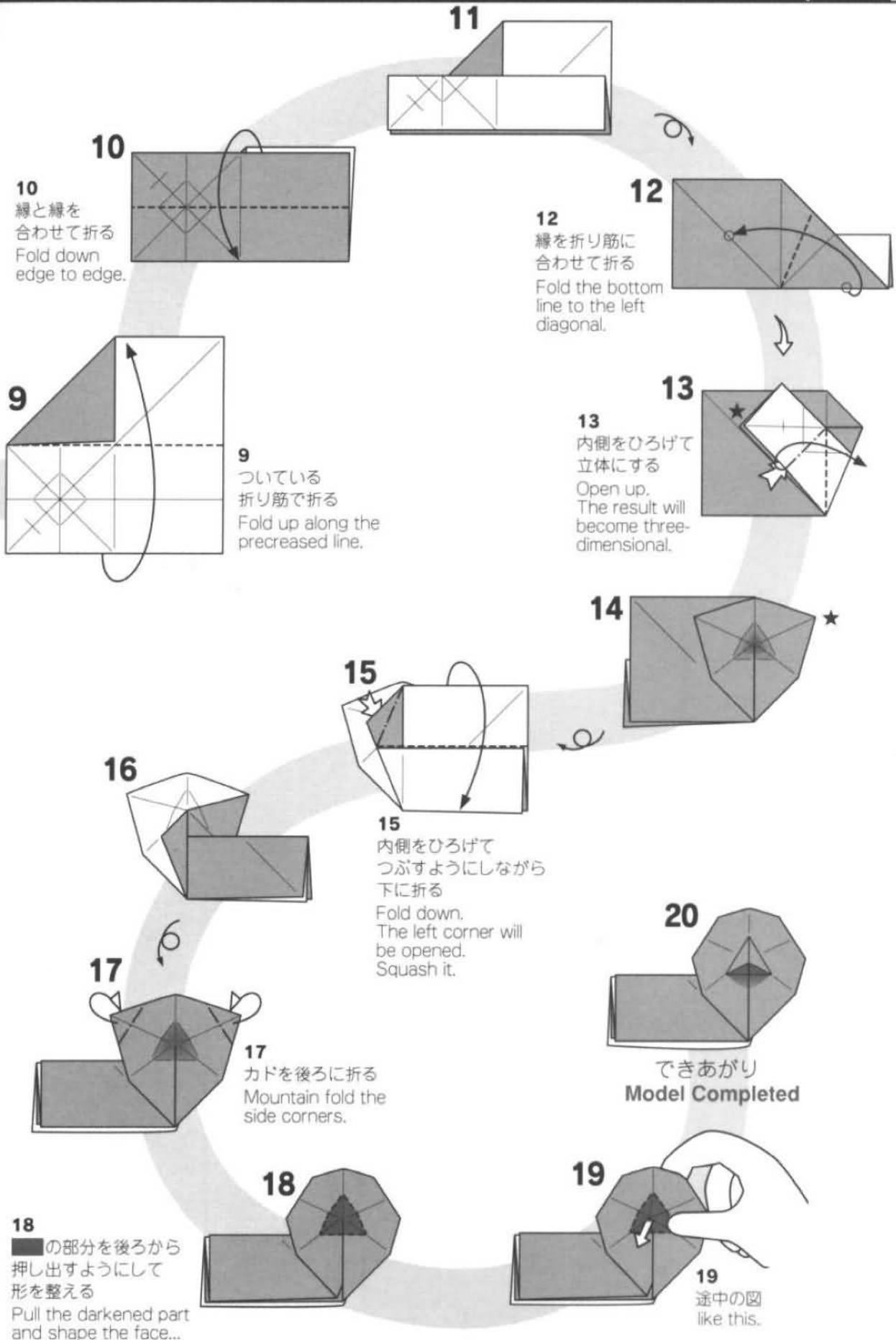
折り紙表現を支える“見立て”の持つ簡明さと危うさを意識して創作したもので。ライオンと言わればライオン。チャウチャウと言わればそうとも言え、なんだかわからんと言ってしまえばそれだけのものです。

This model was created to show how the initial diagnosis of the target can be simple and fragile. What does it look like to you?



Created 1983 Paper 不切正方一枚折り: 1 piece





# 岩の上の鷹

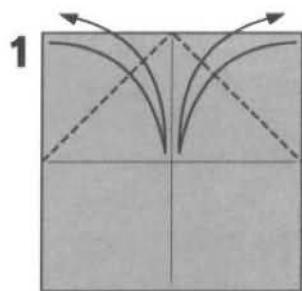
## A Hawk on a Rock

本書の中では「カニ」の次に古い創作です。脚と尾羽が同時に現れるのが見どころでしょうか。鷹の頭を上手く仕上げるために薄手の紙を用いるのが良いでしょう。

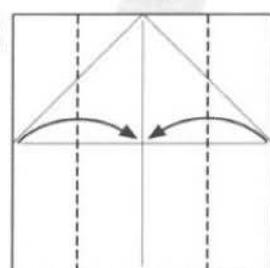
The second oldest creation in this book. The legs and the tail are formed by the same sequence of folds. Use a thin piece of paper to fold the head well.



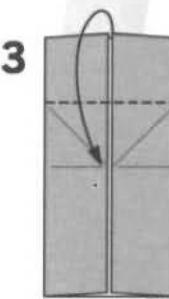
Created 1980 Paper 不切正方一枚折り: 1 piece



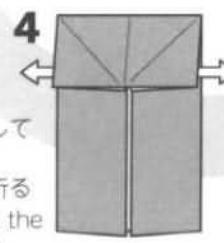
1 カドを中心  
に合わせて  
折り筋をつける  
Fold the top  
corners to  
the center.



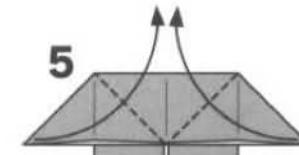
2 縁を中心に  
合わせて折る  
Fold the edges  
to the center line.



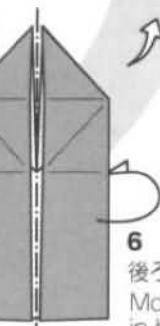
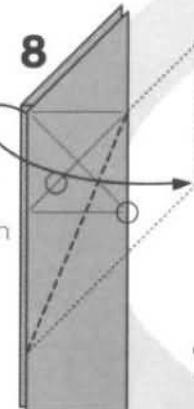
3 縁を折り筋に  
合わせて折る  
Fold down along  
the quarter line.



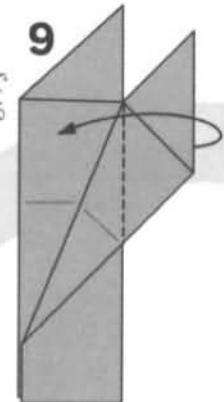
4 カドを  
引き出して  
つまむ  
ように折る  
Pull out the  
corners.



5 カドを上に折る  
Fold up the corners.



6 後ろへ半分に折る  
Mountain fold in half.

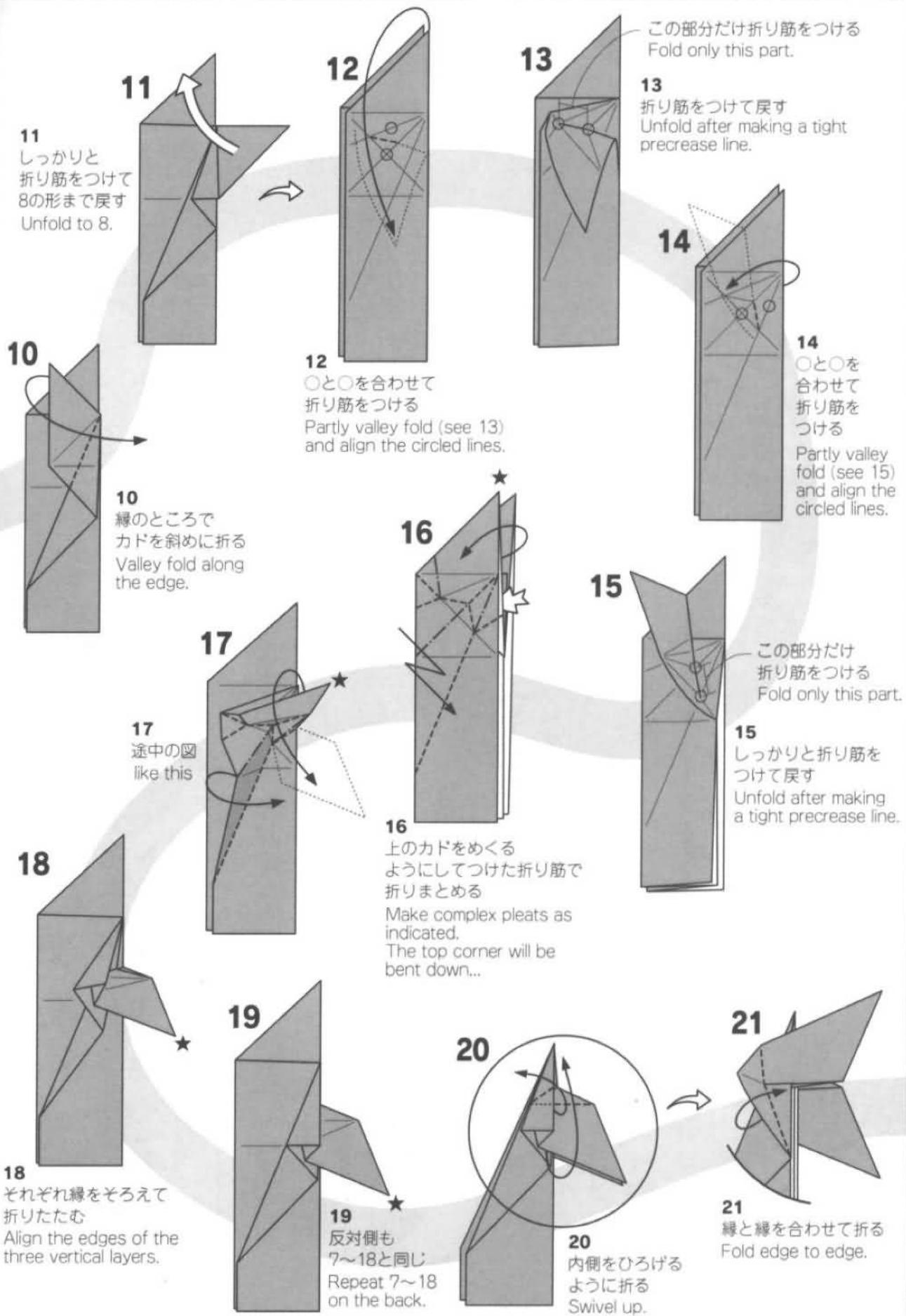


7 縁と折り筋を  
合わせて  
折り筋をつける  
Precrease the  
left edge to the  
precreased  
middle line.

8 折り筋を縁に  
合わせて折る  
Fold and align  
the circled points.

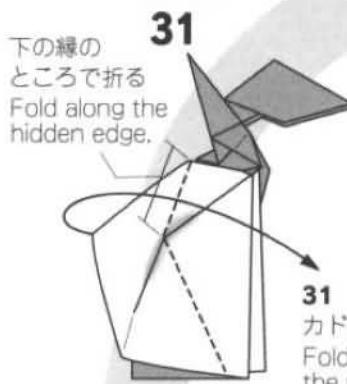
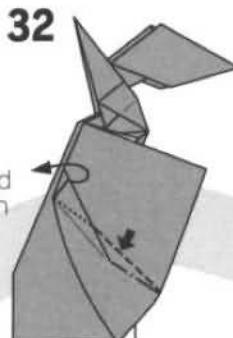
9 ついている折り筋で  
カドを反対側に折る  
Valley fold along  
the edge.

7 縁と折り筋を  
合わせて  
折り筋をつける  
Precrease the  
left edge to the  
precreased  
middle line.



## 2 動物／岩の上の鷹

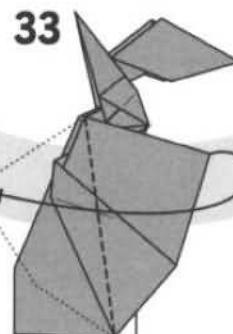
**32**  
黒矢印の部分を  
押し込みながら  
内側をひろげて  
つぶすように折る  
Push the darkened  
part in and squash  
the excess layer.



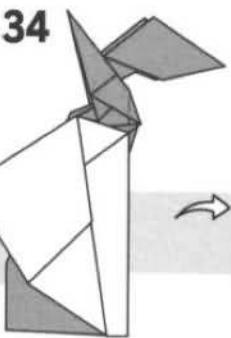
**31**

下の線の  
ところで折る  
Fold along the  
hidden edge.

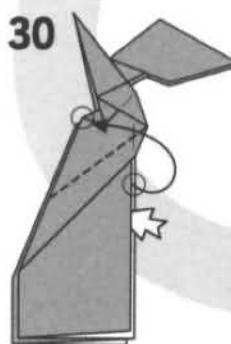
**31**  
カドを反対側に折る  
Fold the corner to  
the right



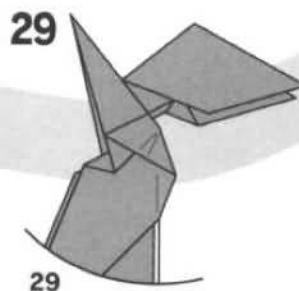
**33**  
カドとカドを  
結ぶ線で折る  
Fold along the line  
connecting the  
corners.



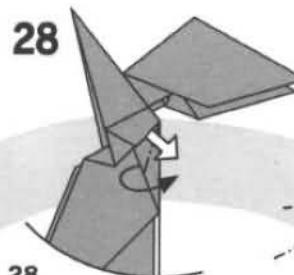
**34**  
反対側も30~33と同じ  
Repeat 30~33 on  
the back.



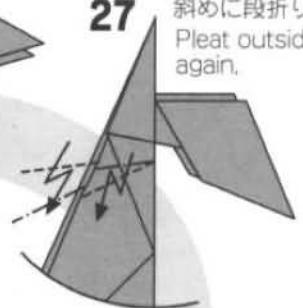
**30**  
縁をカドに合わせて  
内側をひろげる  
ように折る  
Fold the vertical edge to  
the circled corner and  
open the layer.



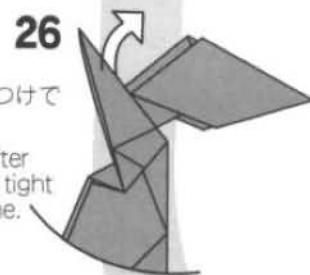
**29**  
反対側も同じ  
Repeat on the back.



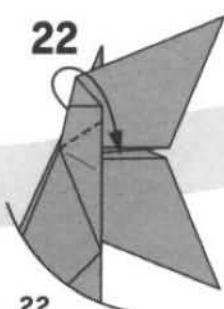
**28**  
内側の紙を引き出す  
Pull out the hidden  
portion of the layer.



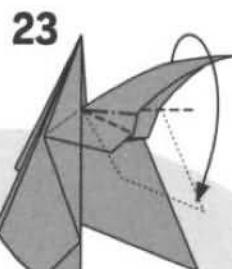
**27**  
かぶせるように  
斜めに段折り  
Pleat outside  
again.



**26**  
折り筋をつけて  
から戻す  
Unfold after  
making a tight  
crease line.



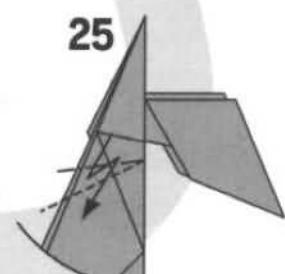
**22**  
開くところで折って  
立体的にする  
Fold down at the  
farthest point.  
The result will be  
three-dimensional.



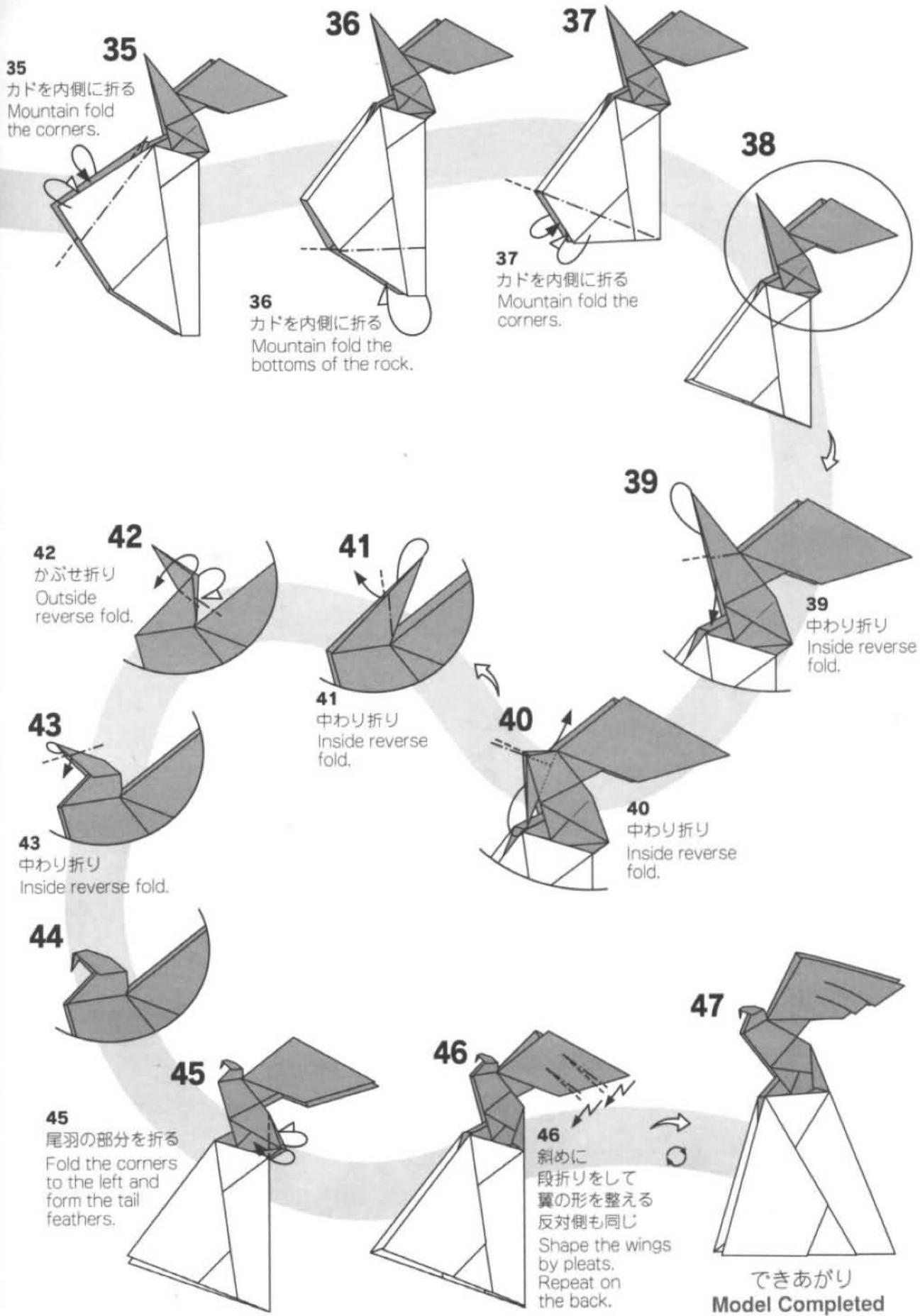
**23**  
内側をひろげて  
つぶすように折る  
Open and squash.



**24**  
反対側も20~23と同じ  
Repeat 20~23 on the back.



**25**  
斜めに段折り  
Pleat out.

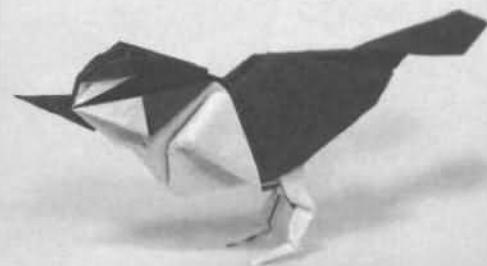


# セキレイ

## Wagtail

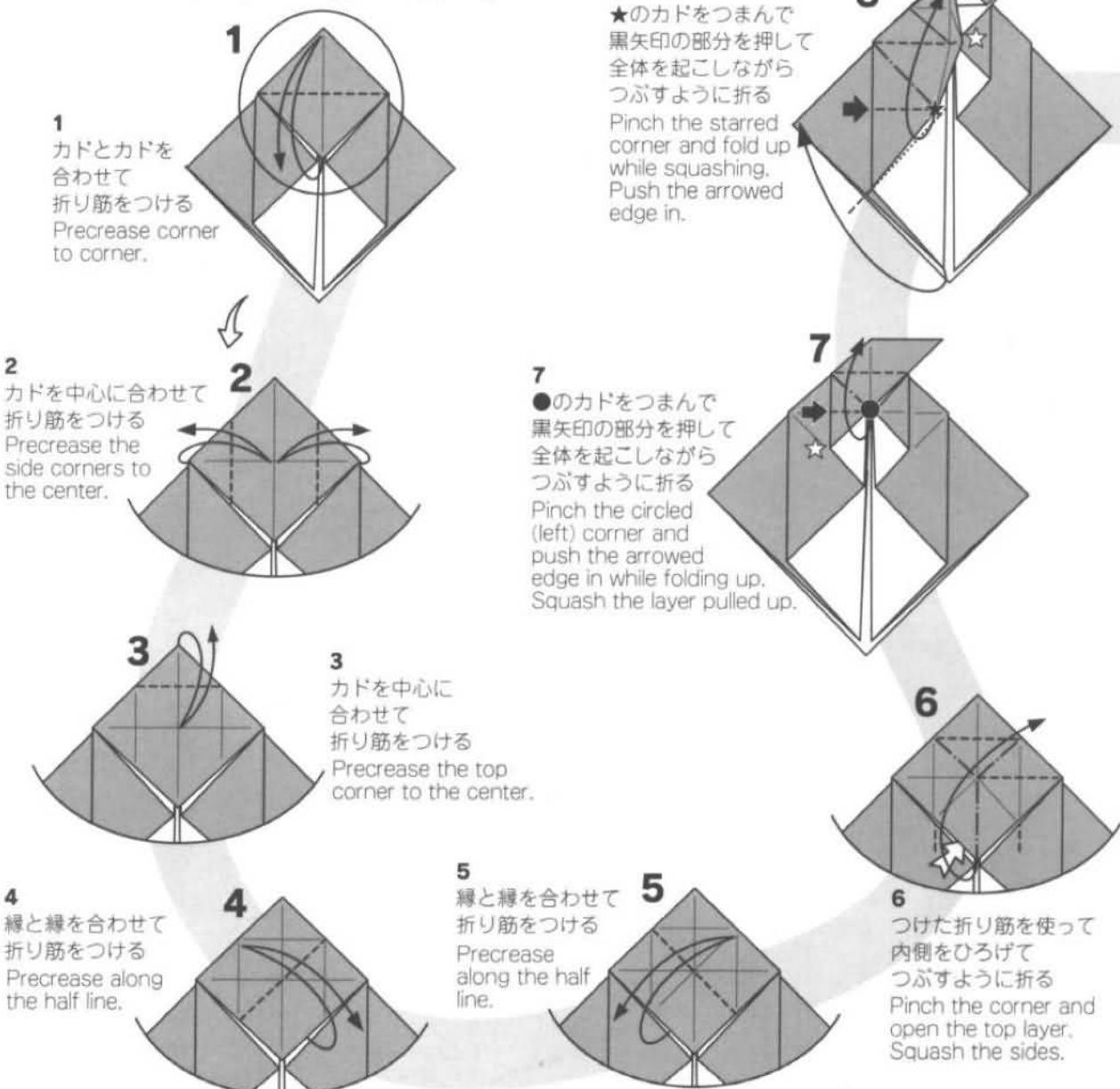
セキレイの目のあたりのインサイドアウトがグロテスクにならずに上手く決まって幸運でした。尾の根本には紙の重なりが急に変わる部分があるので、尾を折るときに紙を破らないように注意して仕上げてください。

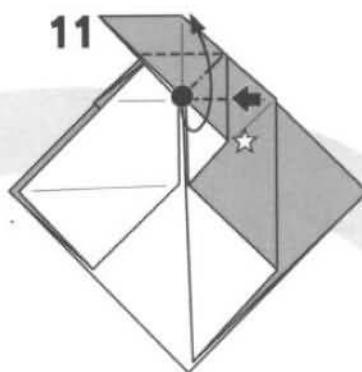
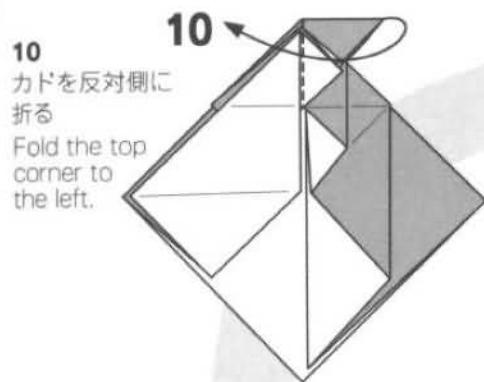
The eyes are formed using the inside-out technique. The tail must be formed carefully, as there are layers of different sizes inside.



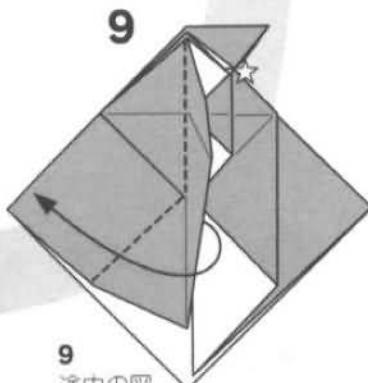
Created 1995 | Paper 不切正方一枚折り: 1 piece

P. 60 [カンガルー] の [上半身] 8の形からはじめる  
Start with No. 8 of [Kangaroo's Upper Part] (P. 60)

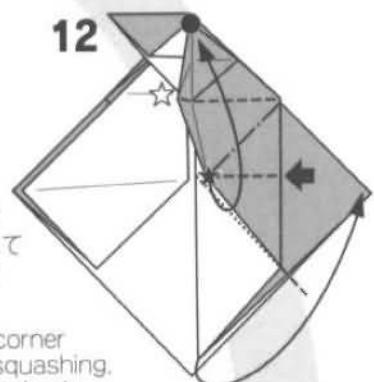




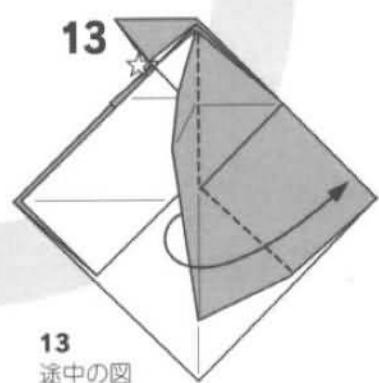
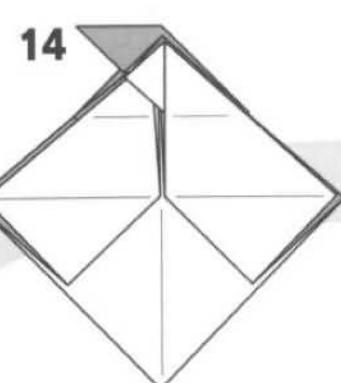
●のカドをつまんで黒矢印の部分を押して全体を起こしながらつぶすように折る  
Pinch the circled corner and push the arrowed edge in while folding up.  
Squash the layer pulled up.



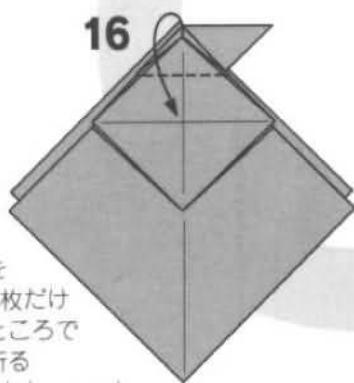
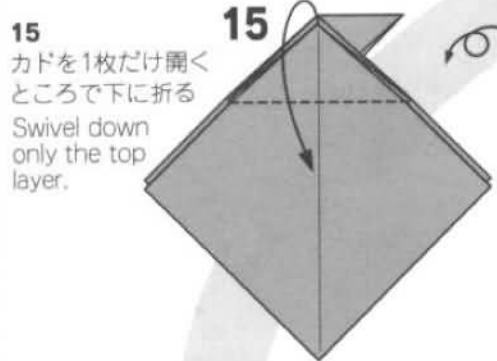
**9**  
途中の図  
The excess layer will stand up.  
Fold it to the left using the existing lines.



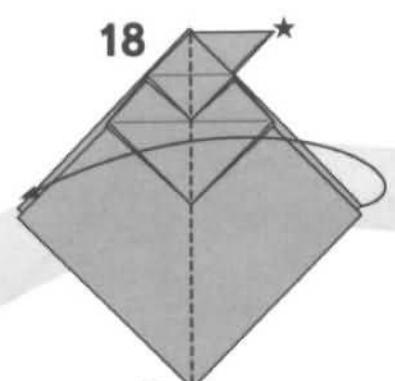
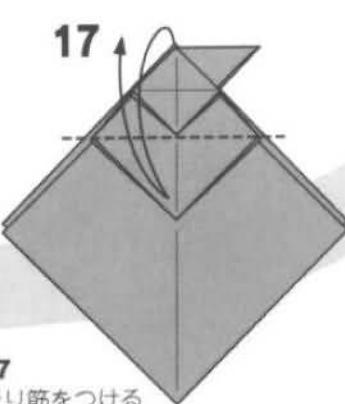
★のカドをつまんで黒矢印の部分を押して全体を起こしながらつぶすように折る  
Pinch the starred corner and fold up while squashing.  
Push the arrowed edge in.



**13**  
途中の図  
The excess layer will stand up.  
Fold it to the right using the existing lines.



**16**  
カドを上の1枚だけ開くところで下に折る  
Swivel down only the top layer.



**18**  
半分に折る  
Fold in half.

## 2 動物／セキレイ

27

カドを内側に折る  
Mountain fold the corner.

26

反対側も同じ  
Repeat on the back.

25

つけた折り筋を使って  
カドを細くつまみながら  
折りたたむ  
Narrow the right part  
along an angle bisector  
and fold down along the  
existing line.

24

カドを戻す  
反対側も21～24と同じ  
Swivel back the corner.  
Repeat 21～24 on the back.

19

カドを内側に折る  
反対側も同じ  
Inside reverse fold.  
Repeat on the back.

28

縁と縁を合わせて  
折り筋をつける  
Precrease the left  
edge to the bottom.

29

○と○のカドを  
合わせるようにして  
カドを内側に折る  
Fold the circled corners  
on top of each other  
using the line made in 28.

30

反対側も27～29と同じ  
Repeat 27～29 on  
the back.

23

折り筋をつけたまま  
戻す  
Unfold.

22

縁と縁を合わせて折る  
Fold the edge to the bottom.

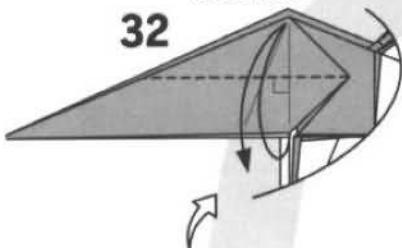
20

内側に斜めに段折り  
Pleat inside.

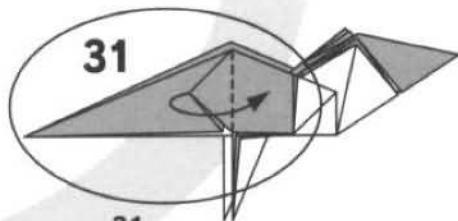
21

カドを開くところで折る  
Swivel down along the  
inner edge.

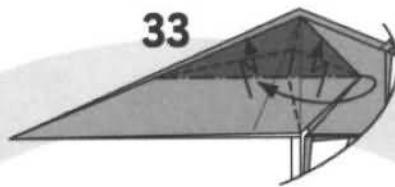
**32**  
カドとカドを合わせて  
折り筋をつける  
Precrease corner  
to corner.

**31**

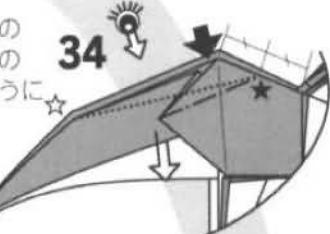
カドを反対側に折る  
Swivel the corner to the right.

**33****33**

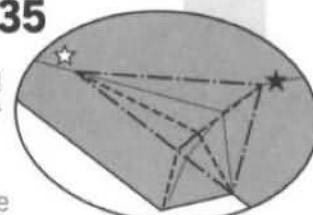
32でつけた折り筋を  
山折りにして■の部分を  
閉じるようにしながら  
カドを反対側に折る  
Open sink the darkened  
part using precrease lines.

**34**

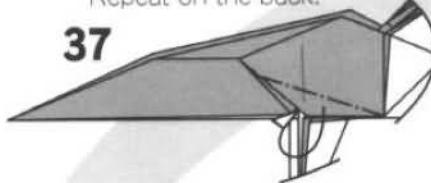
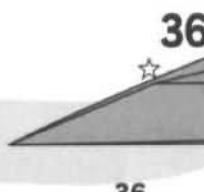
段になっているところの紙の  
重なりはそのまま黒矢印の  
部分を押し込んでらすように☆  
線と線を合わせて折る  
Slide the tail down while  
pushing the arrowed  
corner down (a kind of  
open sink).  
Do not change the layered  
structure.

**34****35**

開いて上から見た図  
図のような折り線で  
折りたたむ  
The top view.  
34 uses the crease  
lines as shown.

**35****37**

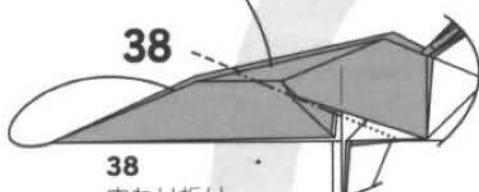
カドを内側に折る  
反対側も同じ  
Mountain fold the corner.  
Repeat on the back.

**37****36**

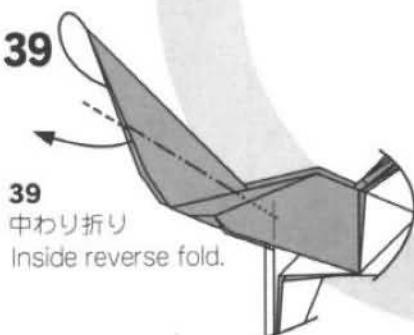
反対側も31～35と同じ  
Repeat 31～35 on the back.

**38**

中わり折り  
Inside reverse fold.

**39**

中わり折り  
Inside reverse fold.

**40**

開くところで  
折り返す  
Swivel down.

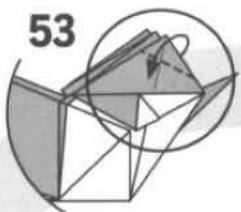
**41**

カドを内側に折る  
Inside reverse fold.

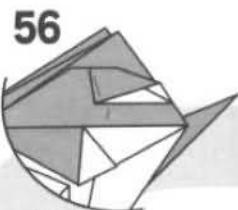
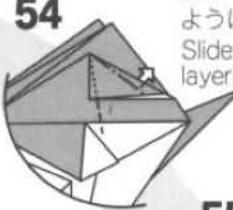


## 2 動物／セキレイ

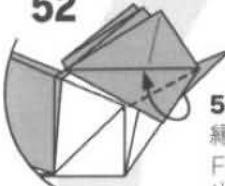
53  
カドを少し  
折り下げる  
Fold down  
a little.



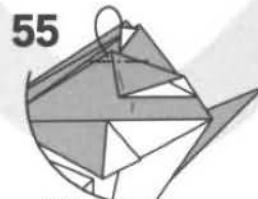
54  
上の一枚をずらす  
ように折る  
Slide up the top  
layer.



52



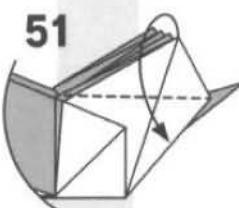
52  
縁と縁を合わせて折る  
Fold the right edge to  
the middle one.



55  
カドを内側に  
折り込む  
Mountain fold  
the corner.

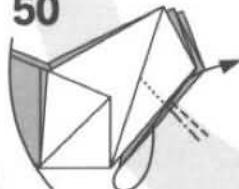
56  
反対側も51～55と  
同じ  
Repeat 51～55  
on the back.

51



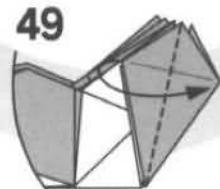
51  
上の1枚のカドを  
下に折る  
Fold down the  
top layer.

50



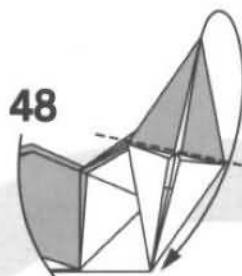
50  
内側のカドを  
中わり折り  
Inside reverse fold  
the inner corner.

49



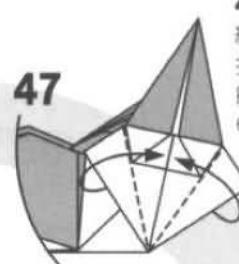
49  
カドを反対側に折る  
Close the opening again.

48



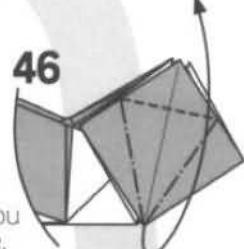
48  
カドを下に折る  
Swivel down.

47



47  
縁のところで  
折る  
Fold along the  
edges.

46



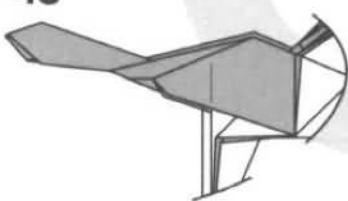
46  
内側をひろげて  
つぶすように折る  
Fold like when you  
make a bird base.

42

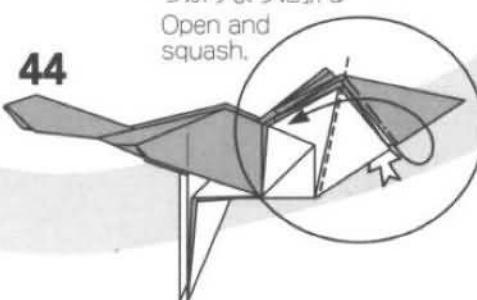


42  
カドを内側に折る  
Inside reverse fold.

43

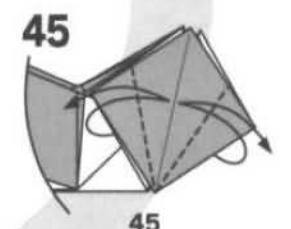


44

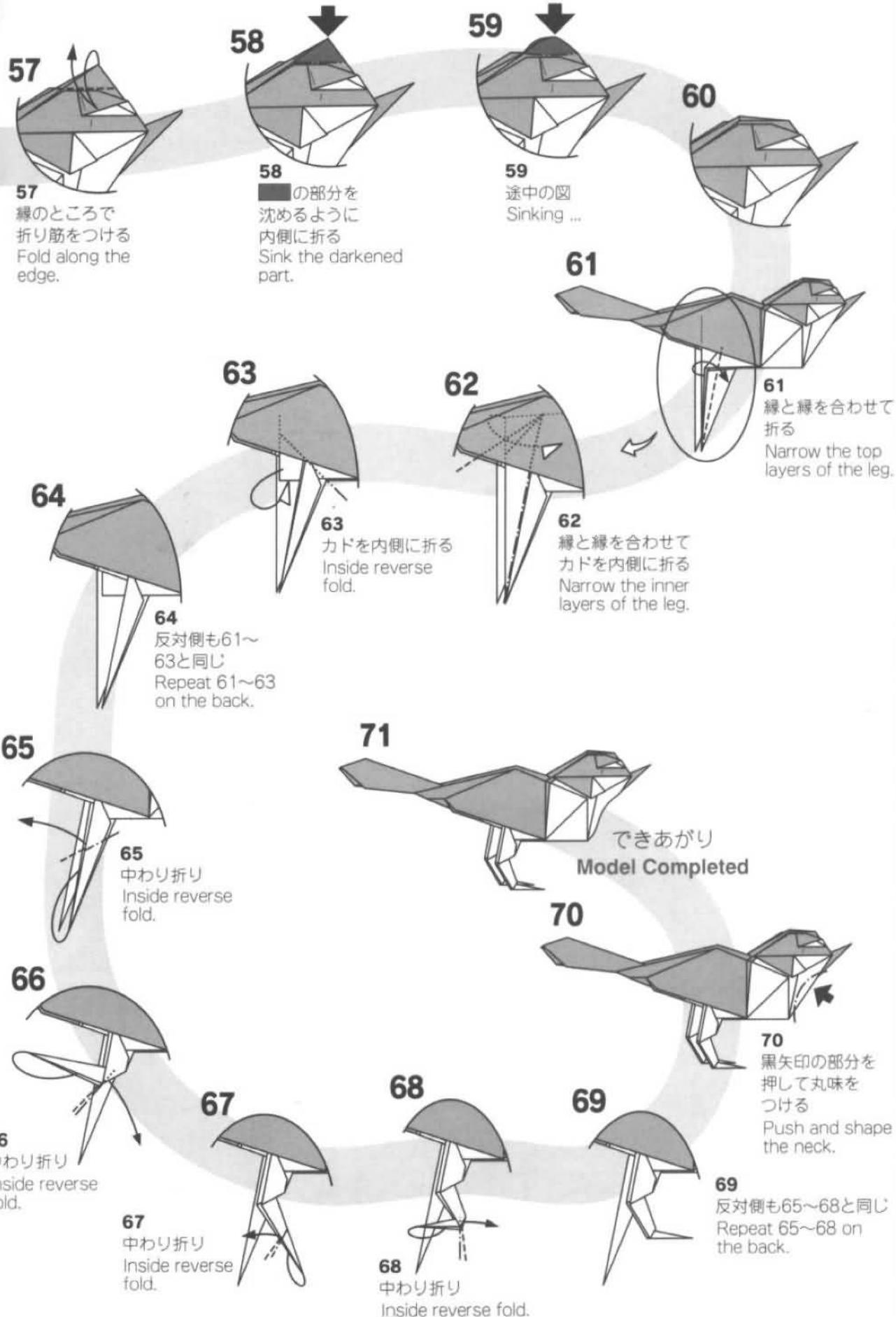


44  
内側をひろげて  
つぶすように折る  
Open and  
squash.

45



45  
縁を折り筋に  
合わせて  
折り筋をつける  
Fold the lower  
edges to the  
center.



# 始祖鳥

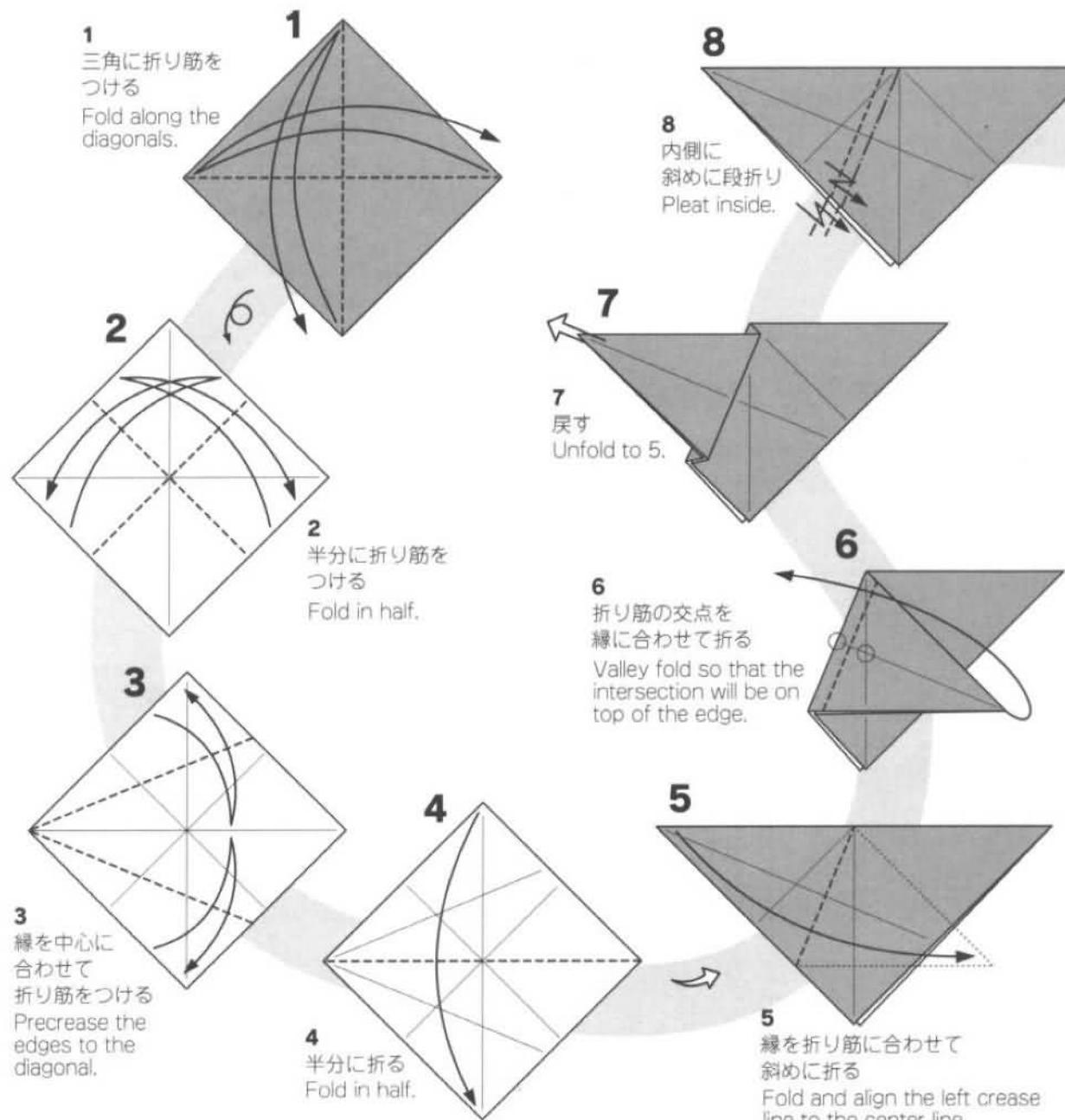
## Archaeopteryx

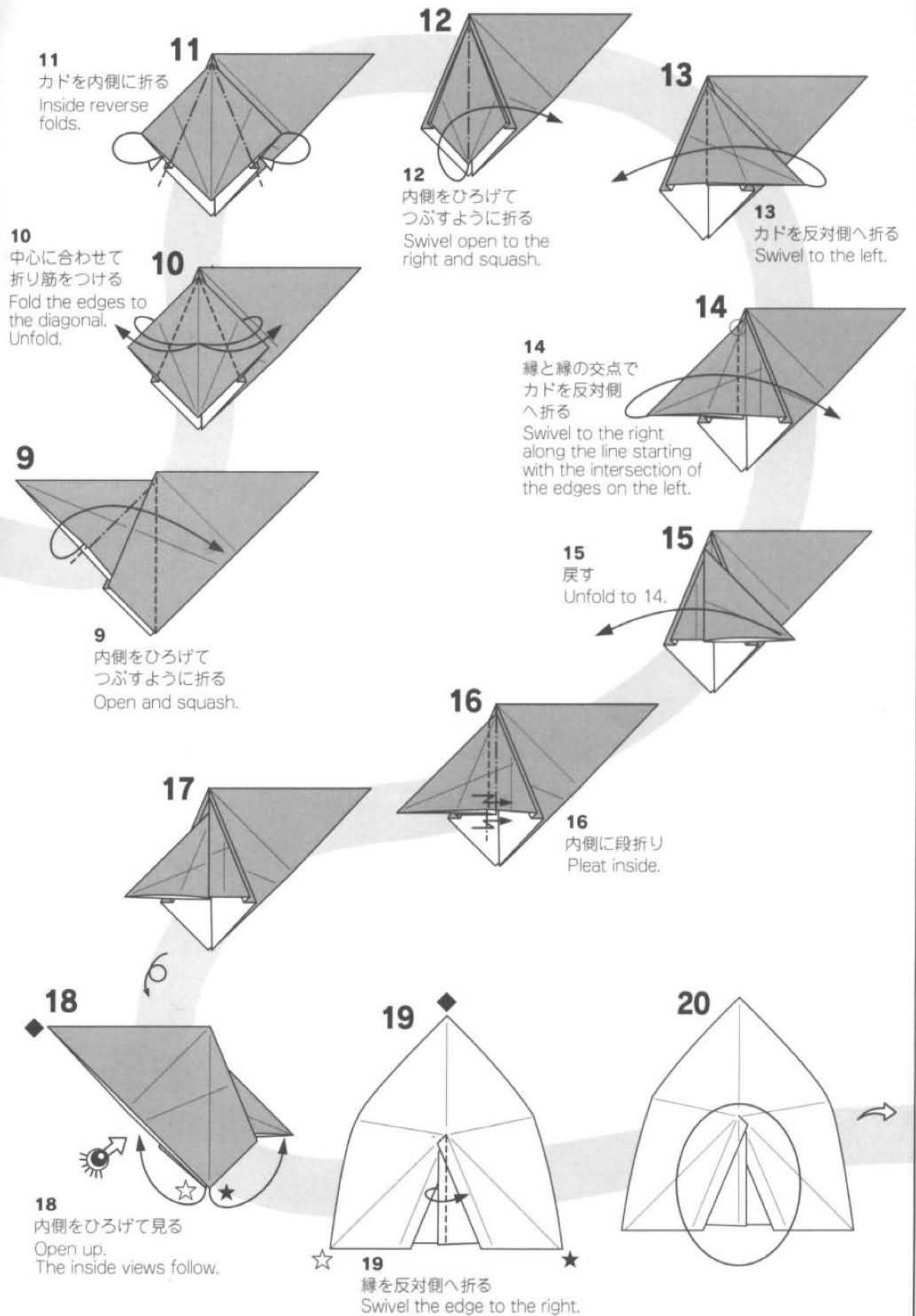
吉野一生さんの“馬”(「一生スーパーコンプレックスおりがみ」所収)が完成してゆく様を間近で見ていた私は、平面に折りによる変化を与えるというテーマを得ました。始祖鳥でこの課題に挑戦したものです。恐竜折り紙5人展(ギャラリーおりがみはうす1990年)へ出展。

Inspired by Yoshino Issei's "Horse", I tried to give varied patterns to a plane. The model was exhibited in "An Exhibit of Five Dinosaur Folders" at the Gallery Origami House.



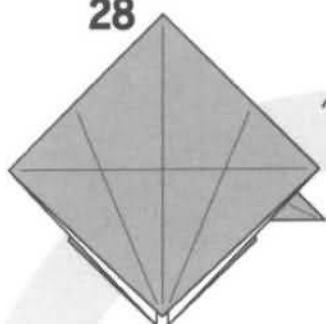
Created 1990 Paper 不切正方一枚折り: 1 piece



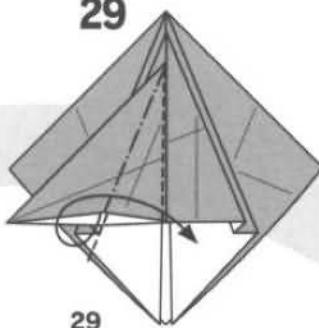


2 動物／始祖鳥

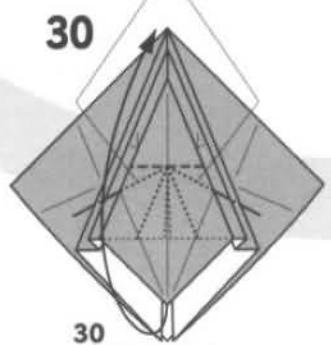
28



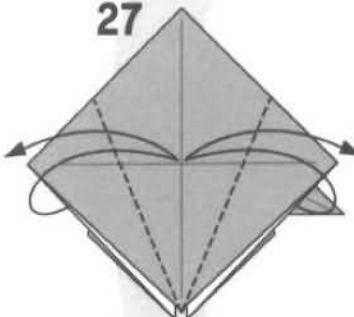
29



30



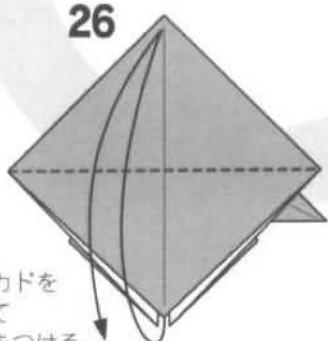
27



27

縁を中心に合わせて  
折り筋をつける  
Precrease the lower  
edges to the center  
diagonal.

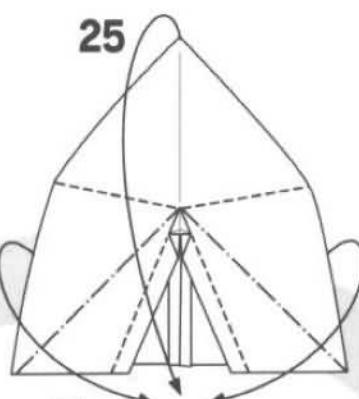
26



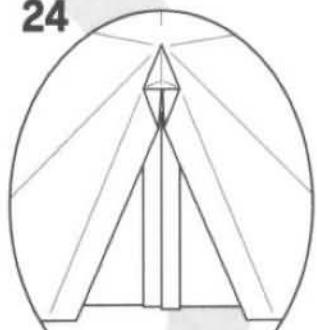
26

カドとカドを  
合わせて  
折り筋をつける  
Fold corner to corner.

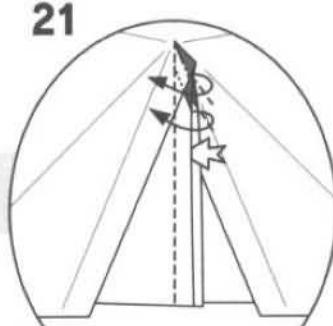
25



24

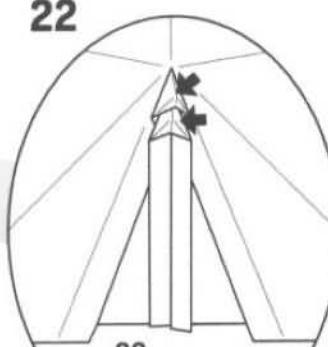


21



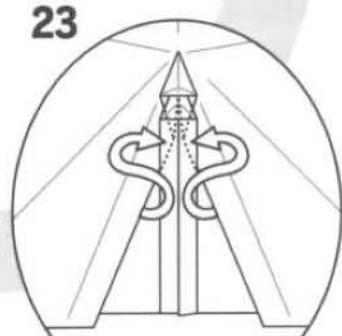
21  
内側をひろげて ■の部分を  
つぶすように折る  
Open the narrow layer and  
squash the darkened parts.

22

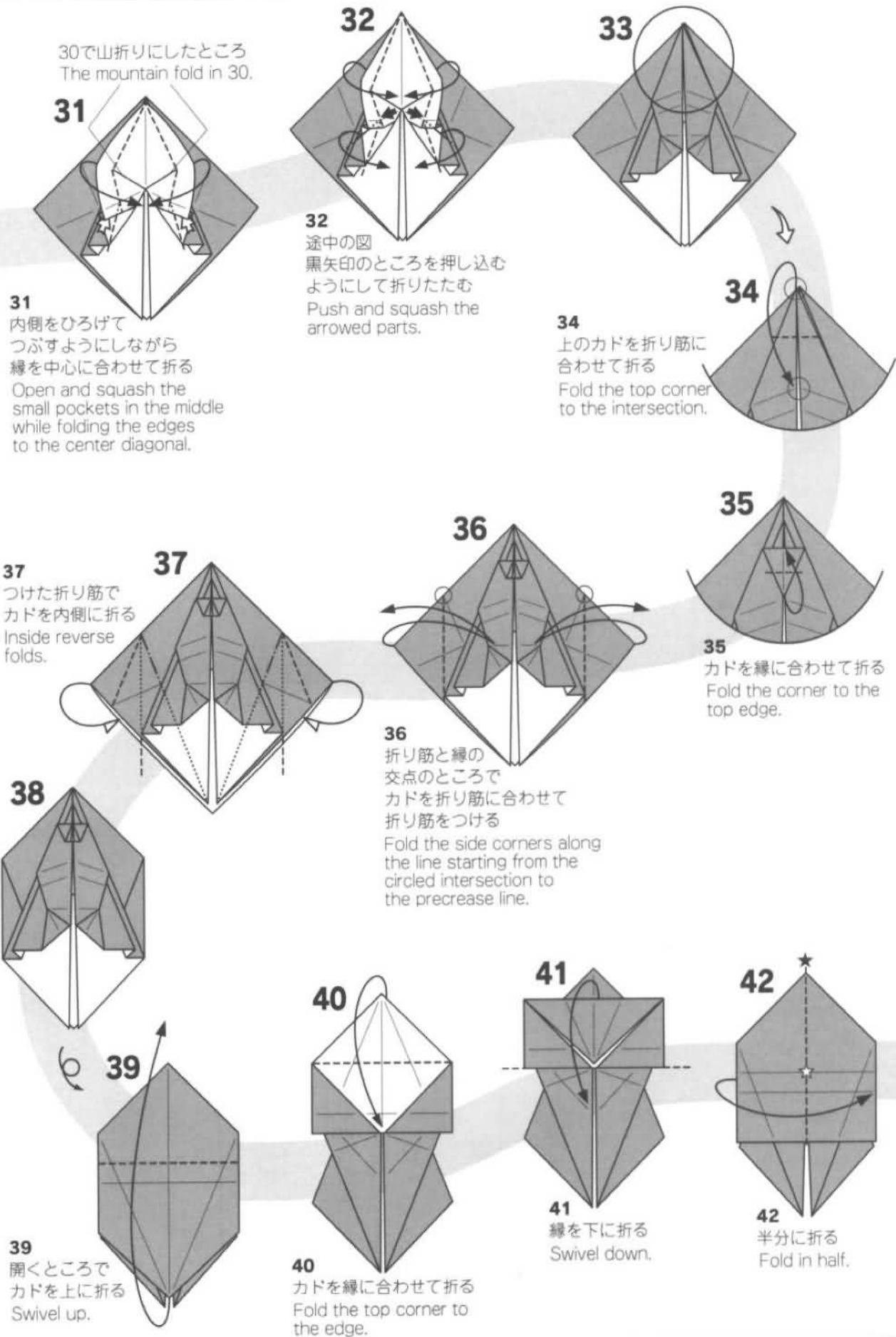


22  
途中の図  
Squashing...

23



23  
縁をかぶせるように上に出す  
Show the hidden layers.

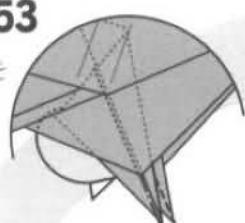


## 2 動物／始祖鳥

53

縁に沿ってカドを内側に折る  
Inside reverse fold along the edge.

53

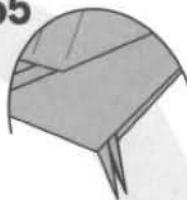


54

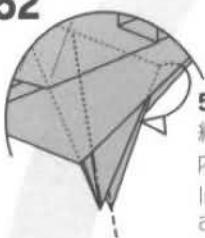
54

縁と縁を合わせて  
カドを内側に折る  
Inside reverse fold  
along the edge.

55



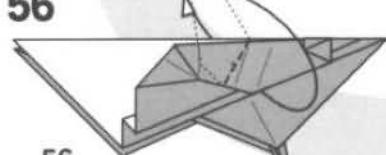
52



52

縁に沿ってカドを内側に折る  
Inside reverse fold  
along the edge.

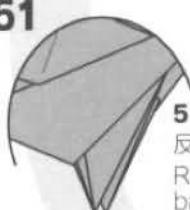
56



56

上の1枚をかぶせ折り  
Outside reverse fold  
the top layer.

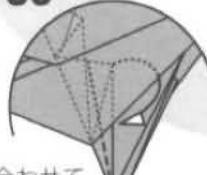
51



51

反対側も46~50と同じ  
Repeat 46~50 on the  
back.

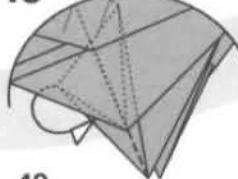
50



50

縁と縁を合わせて  
カドを内側に折る  
Align the edges by an  
inside reverse fold.

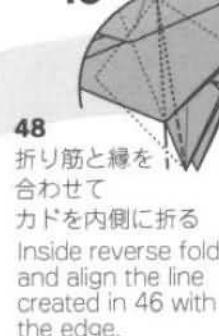
49



49

ついている折り筋で  
カドを内側に折る  
Inside reverse fold  
using the precrease  
line.

48



48

折り筋と縁を  
合わせて  
カドを内側に折る  
Inside reverse fold  
and align the line  
created in 46 with  
the edge.

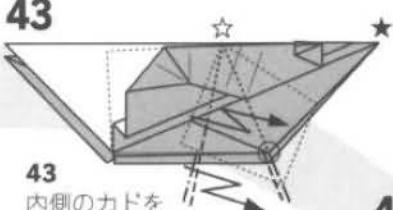
47



47

戻す  
Unfold.

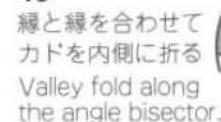
43



43

内側のカドを  
斜めに段折りして  
内側の縁を  
○のカドに合わせる  
Pleat the inner corner  
inside so that the middle  
edge comes below the  
circled corner.

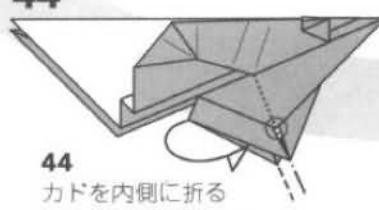
46



46

縁と縁を合わせて  
カドを内側に折る  
Valley fold along  
the angle bisector.

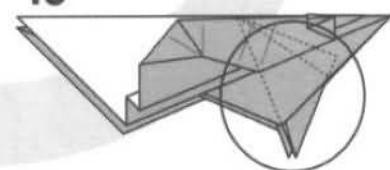
44

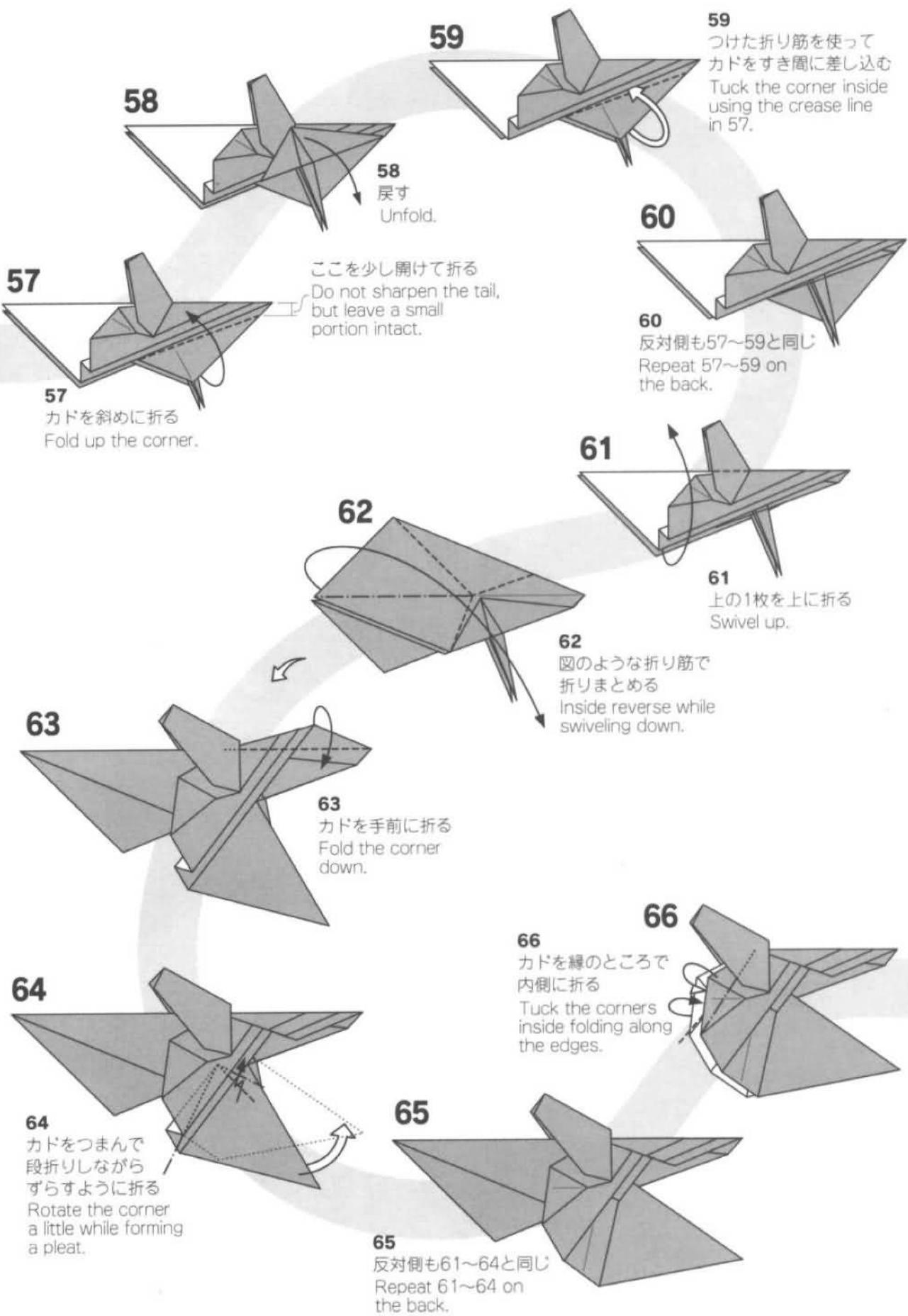


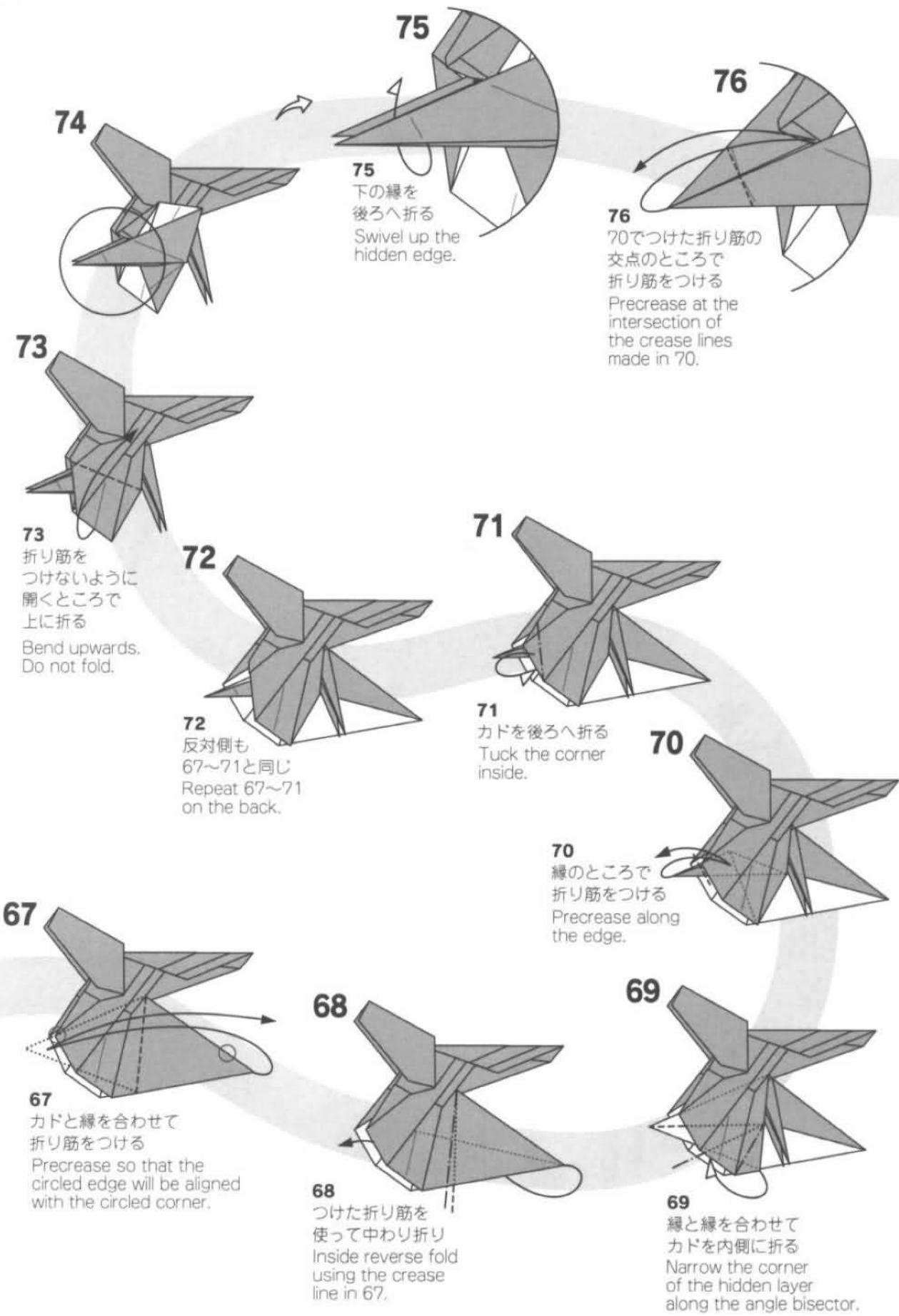
44

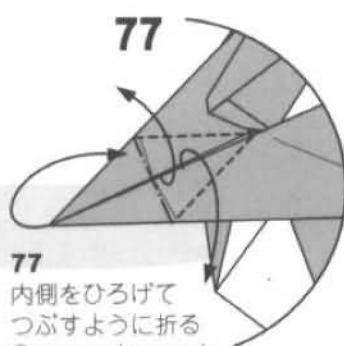
カドを内側に折る  
Inside reverse fold.

45

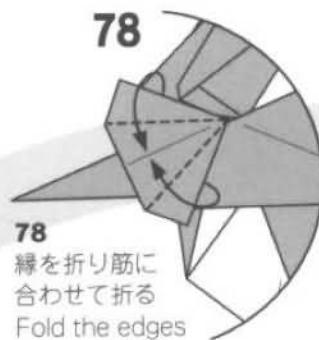




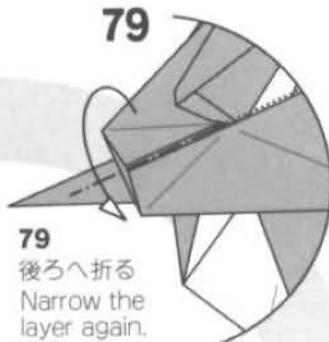




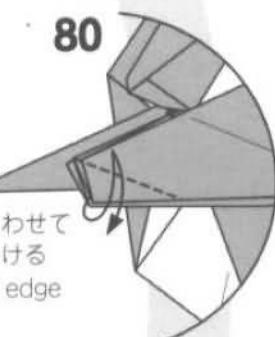
**77**  
内側をひろげて  
つぶすように折る  
Open and squash.



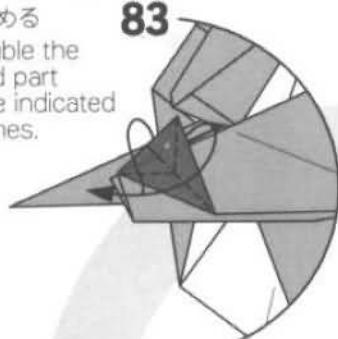
**78**  
縁を折り筋に  
合わせて折る  
Fold the edges  
to the middle.



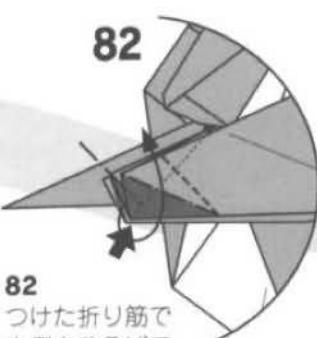
**79**  
後ろへ折る  
Narrow the  
layer again.



**80**  
縁と縁を合わせて  
折り筋をつける  
Precrcrease edge  
to edge.



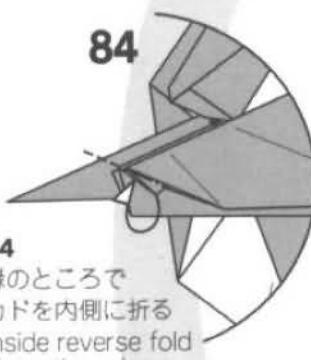
**83**  
■の部分を  
図のような折り筋で  
折りまとめる  
Reassemble the  
darkened part  
using the indicated  
crease lines.



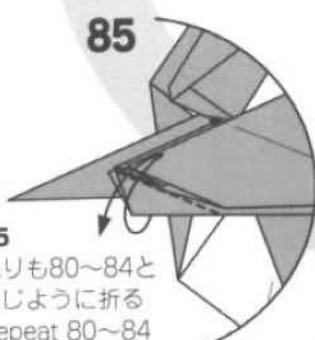
**82**  
つけた折り筋で  
内側をひろげて  
つぶすように折る  
Swivel open and  
squash the  
darkened part.



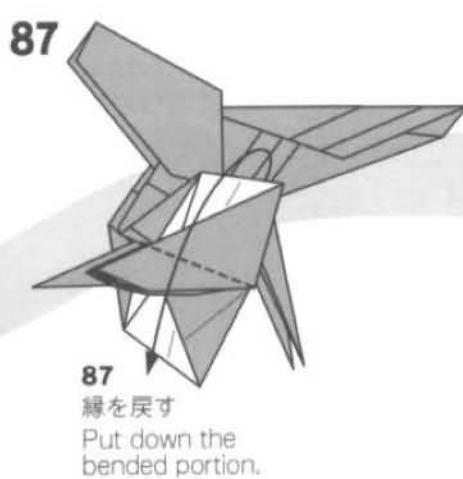
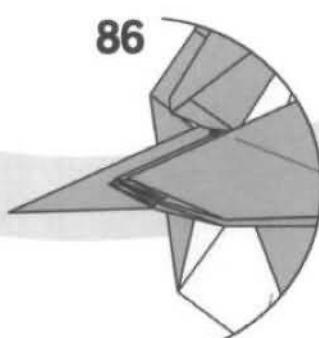
**81**  
縁を折り筋に  
合わせて  
折り筋をつける  
Precrcrease the left edge  
to the crease line in 80.



**84**  
縁のところで  
カドを内側に折る  
Inside reverse fold  
along the edge.

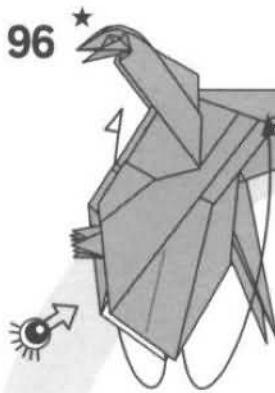


**85**  
残りも80~84と  
同じように折る  
Repeat 80~84  
on the next layers.

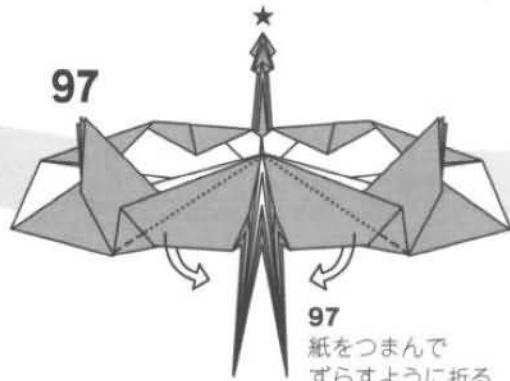


**87**  
縁を戻す  
Put down the  
bended portion.

2 動物／始祖鳥



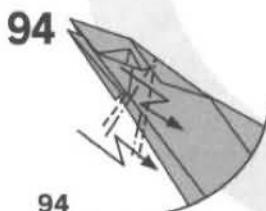
**96**  
翼の部分を  
左右にひろげて  
内側を見る  
Open the wings.



**97**  
紙をつまんで  
ずらすように折る  
The inside view.  
Slide down the layers.



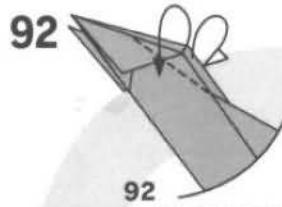
**95**  
下のカドを  
引き出す  
Pull down the  
inner layer.



**94**  
かぶせるように  
段折り  
Pleat outside.



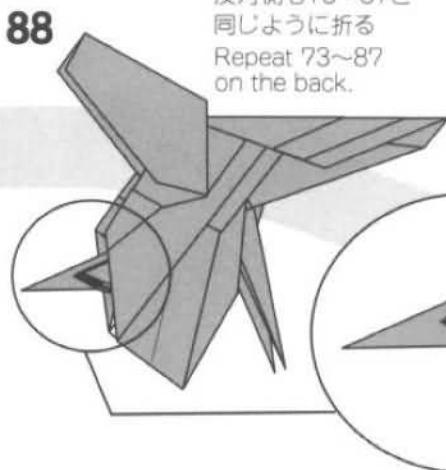
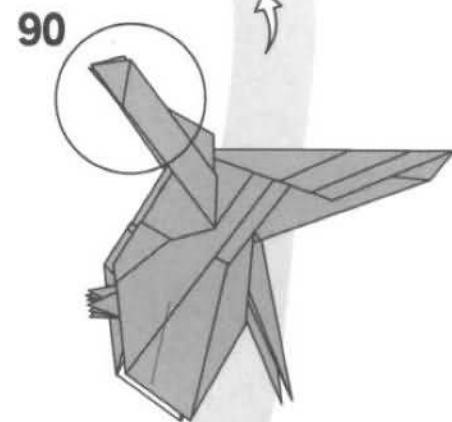
**93**  
カドを少し折る  
反対側も同じ  
Fold the corners  
up.  
Repeat on the back.



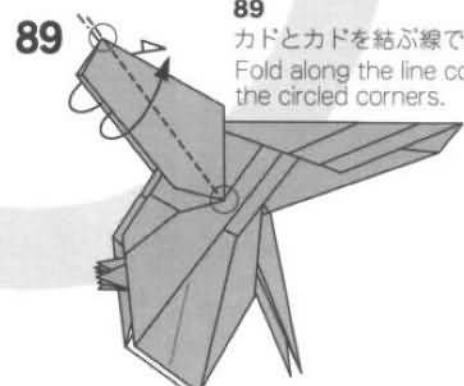
**92**  
カドを斜めに折る  
Fold the corners  
down.



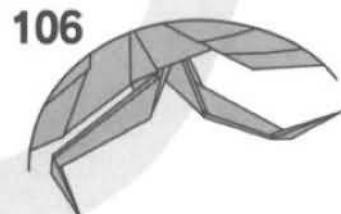
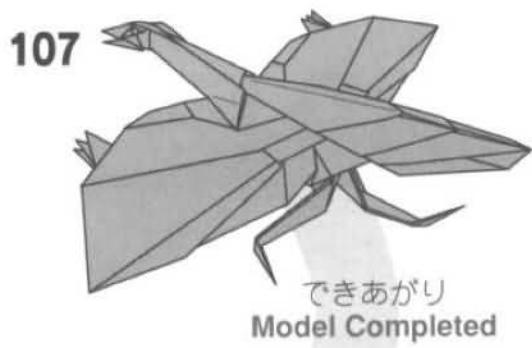
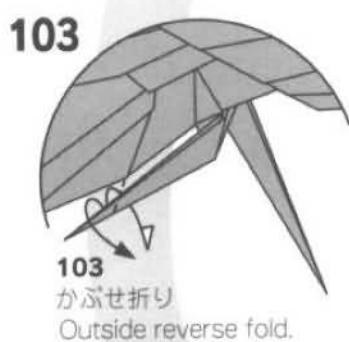
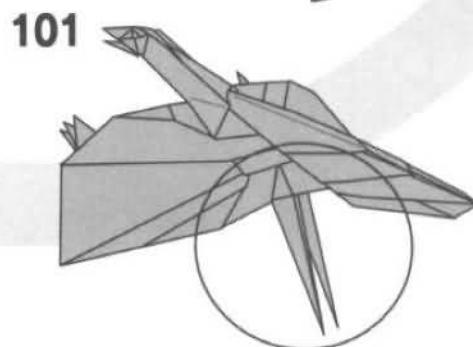
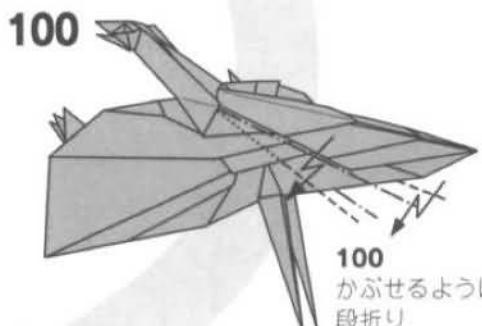
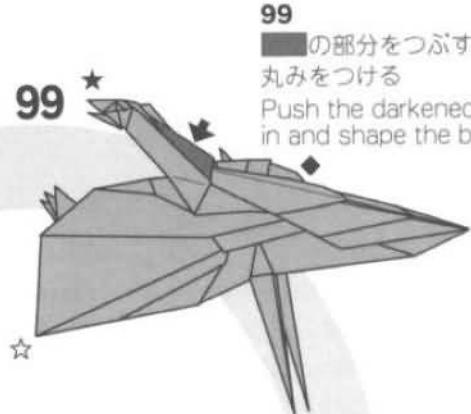
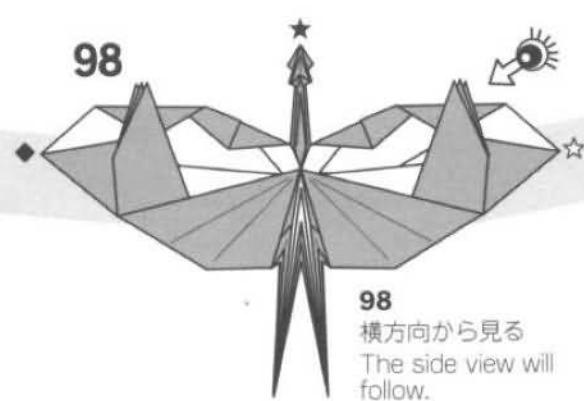
**91**  
縁と縁を合わせて  
カドを斜めに折る  
Fold edge to edge.



**88**  
反対側も73~87と  
同じように折る  
Repeat 73~87  
on the back.



**89**  
カドとカドを結ぶ線で折る  
Fold along the line connecting  
the circled corners.



# カニ

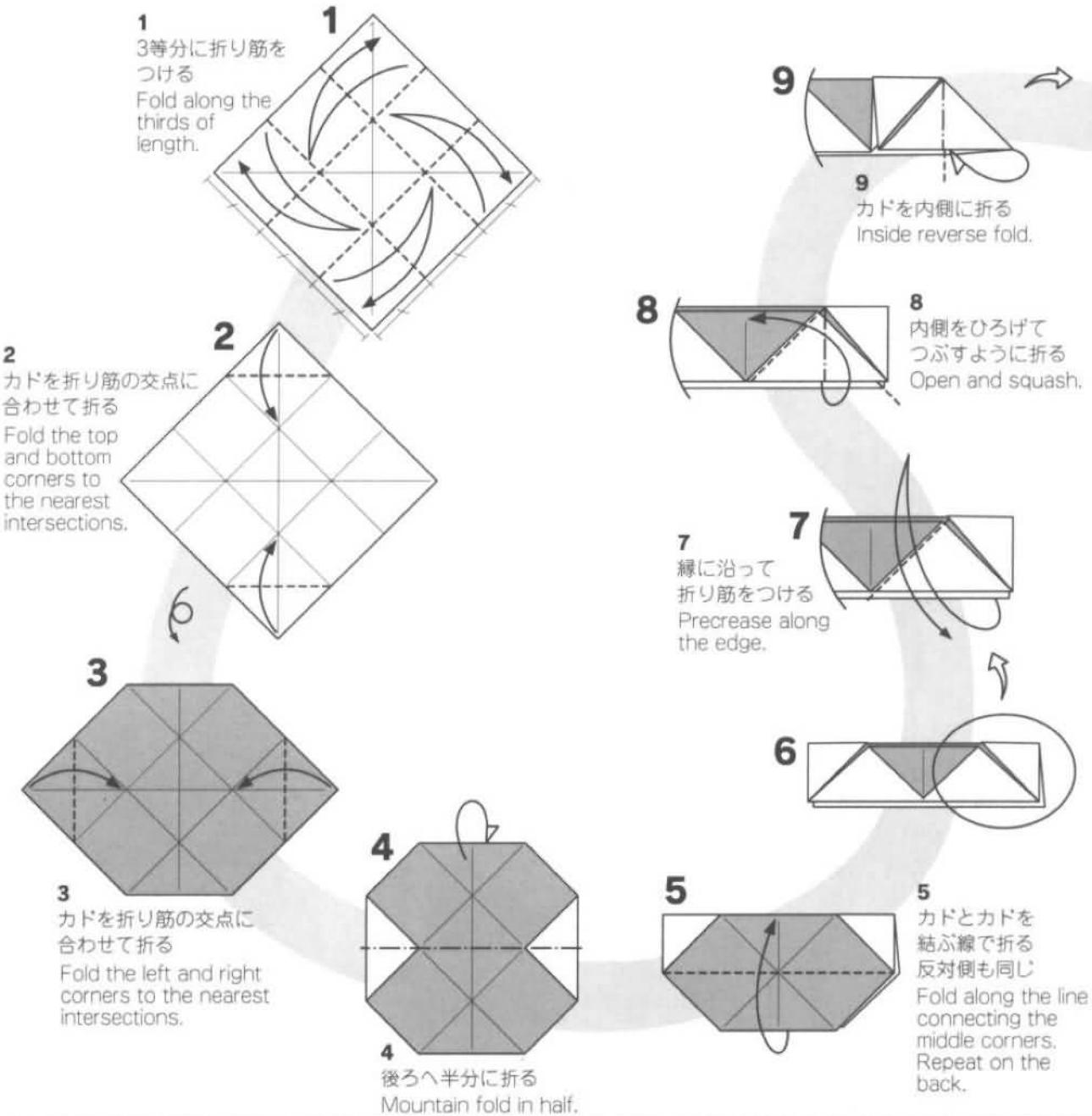
## Crab

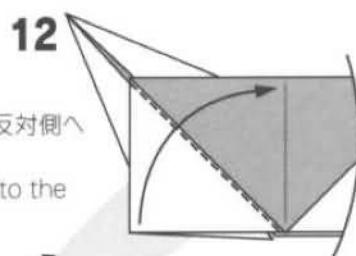
本書の中で最も古い創作になります。中学2年の頃の創作で思い出深いものですので収録させてもらいました。構造は、大雑把に言って9個のツルと理解すべきものですが、折り出しの6図に直感的な魅力を感じたものと思われます。当時、折りまくった22図から31図がつぶし折りの鍛錬となっています。

The oldest creation in this book. I created it when I was a second year student in Junior High. You can see the structure of this model with nine origami crane patterns inside. 22-31 is hard with a series of squash folds.

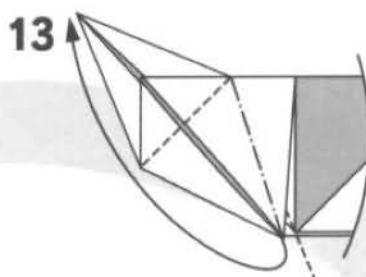


Created 1977 Paper 不切正方一枚折り: 1 piece

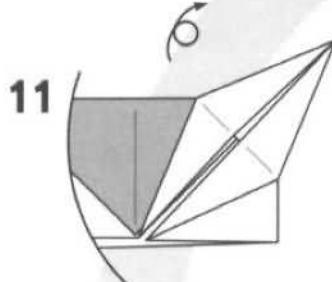




**12**  
カドを反対側へ  
折る  
Swivel to the  
right.

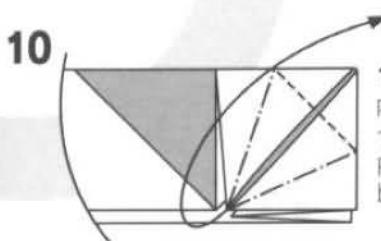


**13**  
内側をひろげて  
つぶすように折る  
Form a small bird base  
(the right side only).



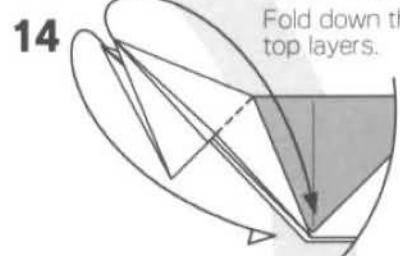
**11**

**14**  
カドを下に折る  
Fold down the  
top layers.

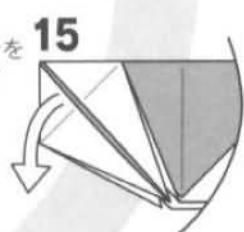


**10**

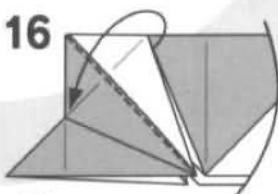
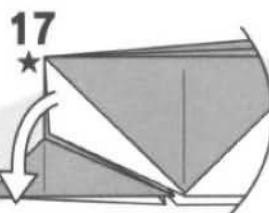
**10**  
内側をひろげて  
つぶすように折る  
Form a small  
bird base.



**15**  
重なっている部分を  
はがすようにして  
裏返す  
Detach the top  
layer and turn  
it over.

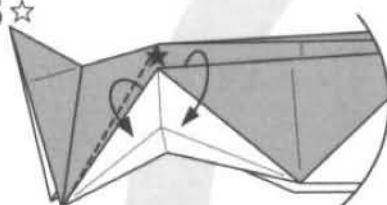


**17**  
重なっている部分を  
はがすようにして  
裏返す  
Detach the top layer  
and turn it over.

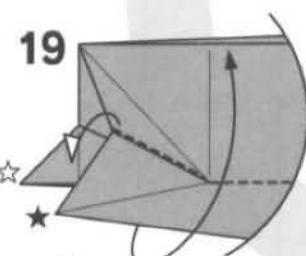


**16**  
カドを反対側に折る  
Swivel to the right.

**18**☆

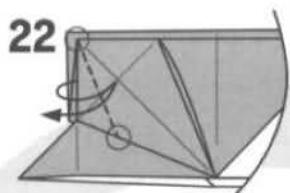


**18**  
途中の図  
Open the top layer  
while detaching.



**19**

図のような折り筋で  
折りまとめる  
Fold up using the  
precrease line.

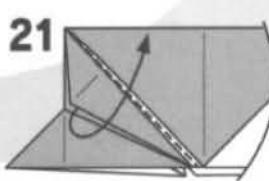


**22**

縁を折り筋に合わせて  
折り筋をつける  
Precrease the left  
edge to the diagonal.

**20**★

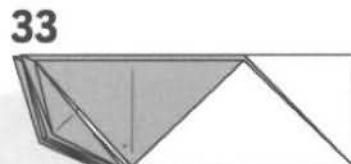
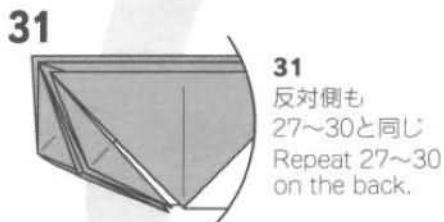
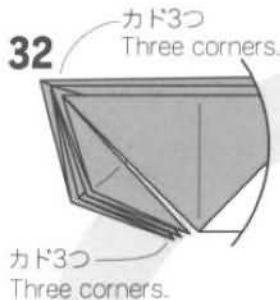
反対側も16~19と同じ  
Repeat 16~19 on the back.



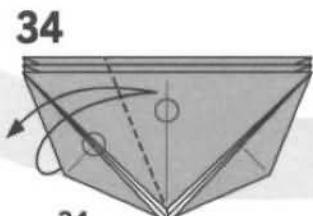
**21**

カドを反対側に折る  
Swivel to the right.

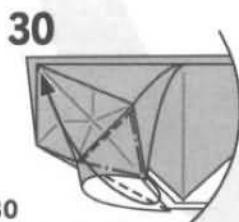
## 2 動物／カニ



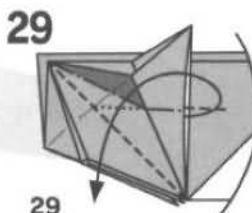
33  
反対側も7~31と同じ  
Repeat 7~31 on  
the right.



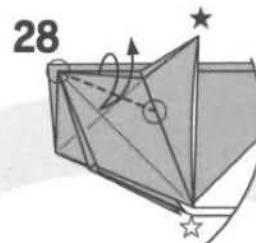
○と○を会わせて  
折り筋をつける  
Prcruse so that the  
circled lines will align  
with each other.



30  
内側をひろげて  
つぶすように折る  
A bird-base-like fold.

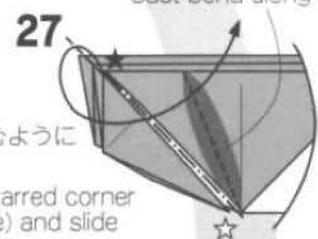


29  
内側をひろげて  
■の部分を  
つぶすように折る  
Open and squash  
the darkened part.

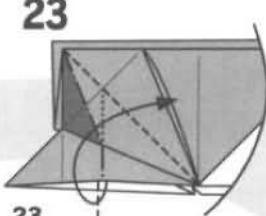


28  
縁を折り筋に合わせて  
折り筋をつける  
Prcruse the right  
edge to the diagonal.

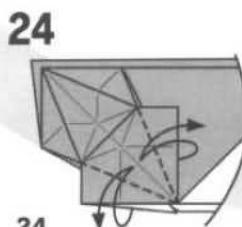
折り筋をつけない  
ように曲げるだけ  
Do not fold the  
darkened line.  
Just bend along it.



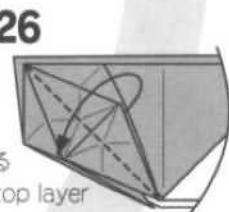
27  
カドをつまむように  
折る  
Pinch the starred corner  
(the top one) and slide  
it to the right.



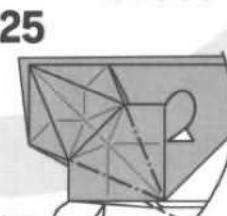
23  
側をひろげて■の部分を  
つぶすように折る  
Open and squash  
the darkened part.



24  
縁を折り筋に合わせて  
折り筋をつける  
Prcruse the lower  
edge to the diagonal.



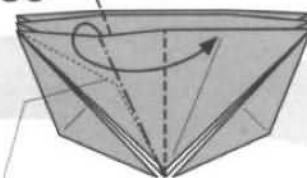
26  
上の1枚を  
反対側に折る  
Swivel the top layer  
to the left.



25  
カドを内側に折る  
Inside reverse folds.

**35**

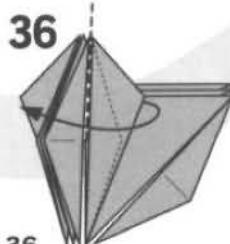
内側をひろげて  
つぶすように折る  
Swivel open and squash.

**35**

内側のカドは手前に  
くるように折る  
The hidden corner will  
still be hidden under  
the top layer.

**36****36**

カドを反対側に折る  
Swivel to the left.

**37**

反対側も34~36と同じ  
Repeat 34~36  
on the right.

**37****38****38**

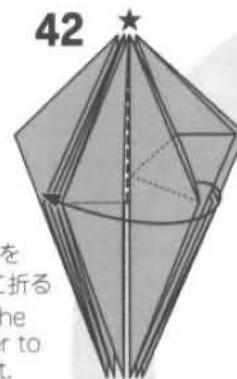
上の1枚を  
反対側に折る  
Swivel the top  
layer to the right.

**39****39**

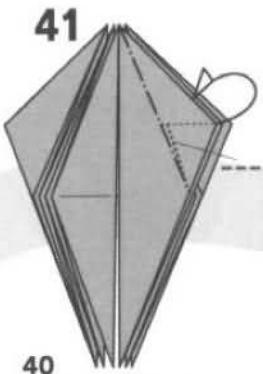
縁を中心に合わせて折る  
Fold the top right edge  
to the center diagonal.  
Fold tightly.

**42****42**

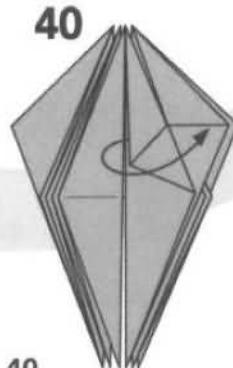
上の1枚を  
反対側に折る  
Swivel the top layer to  
the right.

**41**

カドを内側に折る  
Tuck the corner  
inside.

**40****40**

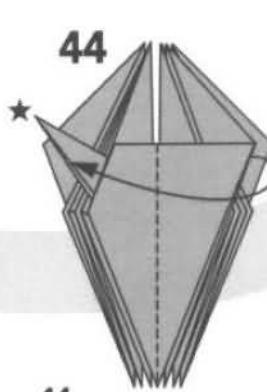
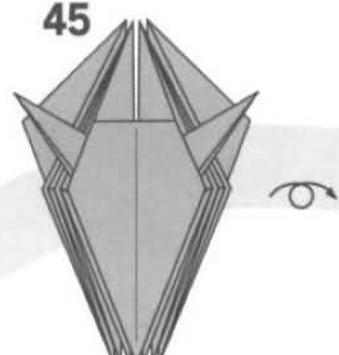
折り筋をつけてから戻す  
Unfold.

**43****43**

内側のカドを  
つまんで  
ずらすように折る  
Pinch the inner  
corner and slide  
it to the left.

**44****44**

反対側も38~43と同じ  
Repeat 38~43 on the right.

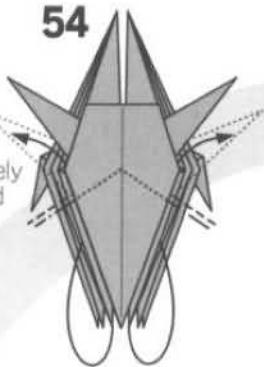
**45**

## 2 動物／カニ

54

すぐ上のカドを  
中わり折り  
Inside reverse fold  
the corners immediately  
above the legs folded  
in 52.

54



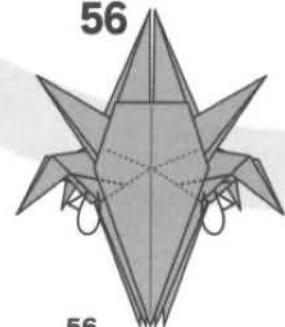
55

中わり折り  
Inside reverse  
folds.

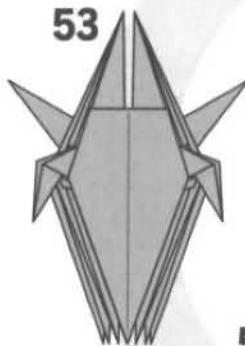


56

カドを内側に折る  
Tuck the corners  
inside.

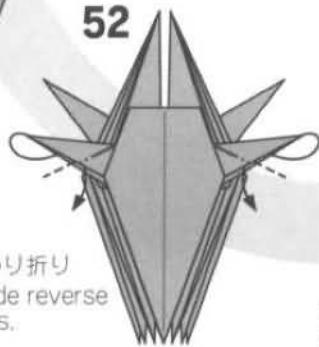


53



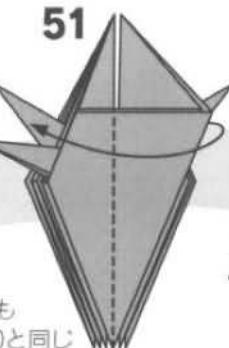
52

中わり折り  
Inside reverse  
folds.



51

反対側も  
46～50と同じ  
Repeat 46～50  
on the right.

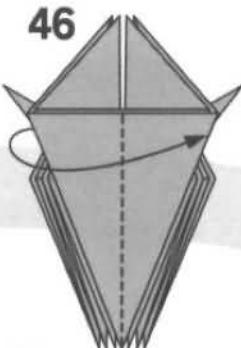


50

内側のカドを  
つまんで  
ずらすように折る  
Pinch and slide  
the inner corner  
to the left.



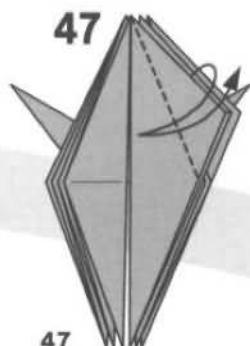
46



46

上の1枚を反対側に折る  
Swivel the top layer.

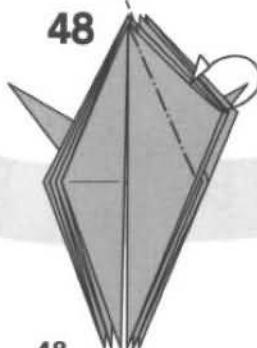
47



47

縁を中心に行わせて  
折り筋をつける
Precrease the top  
edge to the center  
diagonal.

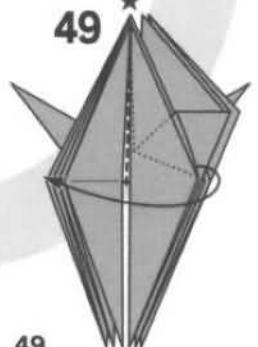
48



48

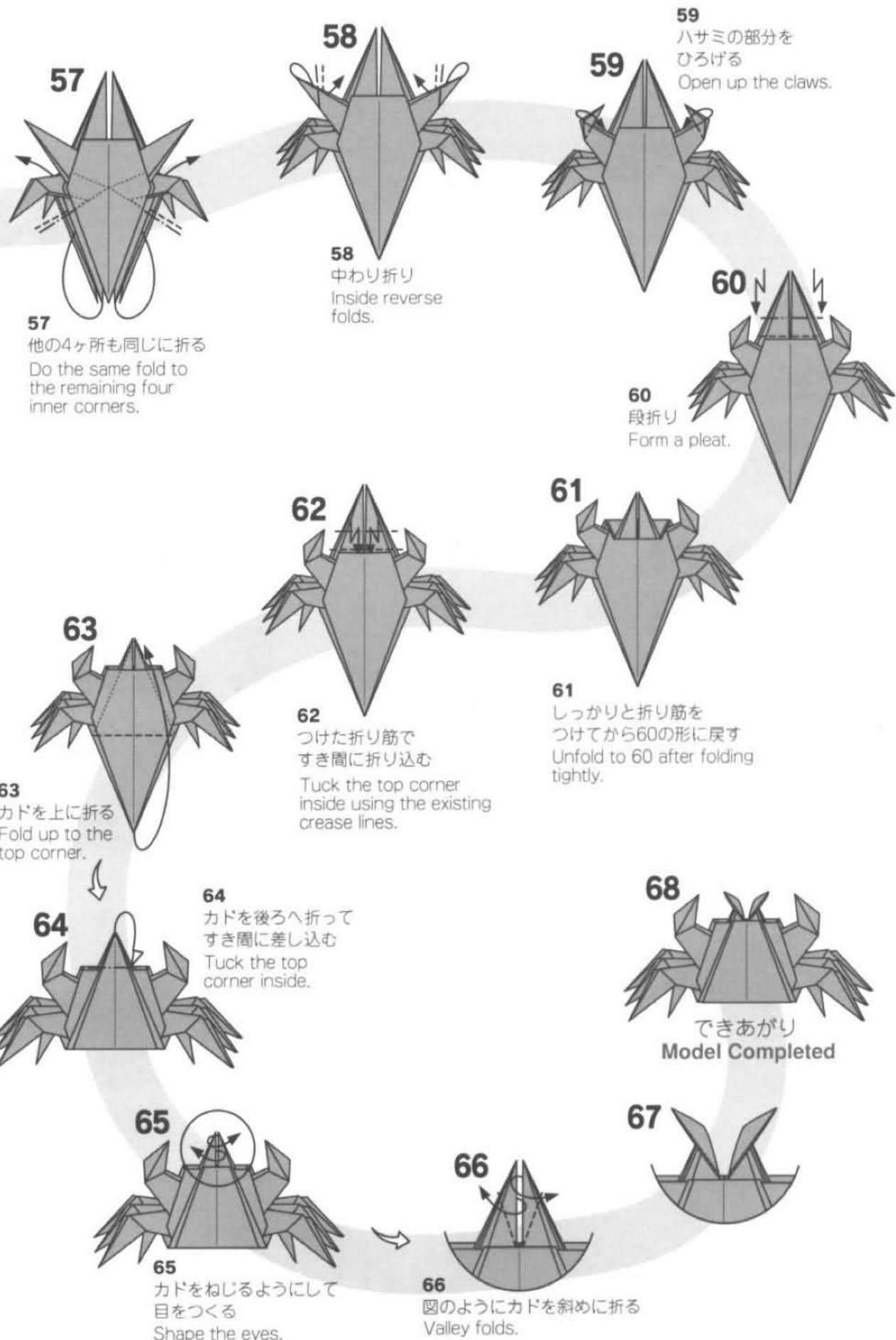
カドを内側に折る  
Tuck the corner inside.

49



49

上の1枚を反対側に折る  
Swivel the top layer  
to the left.

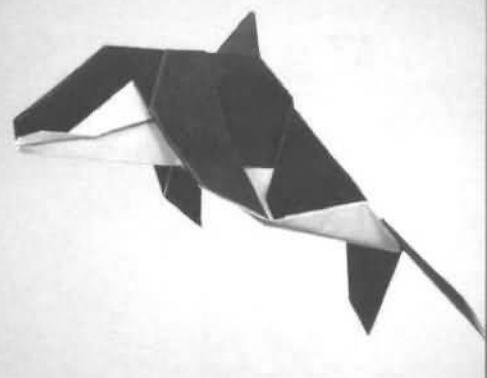


# シャチ

## Grampus

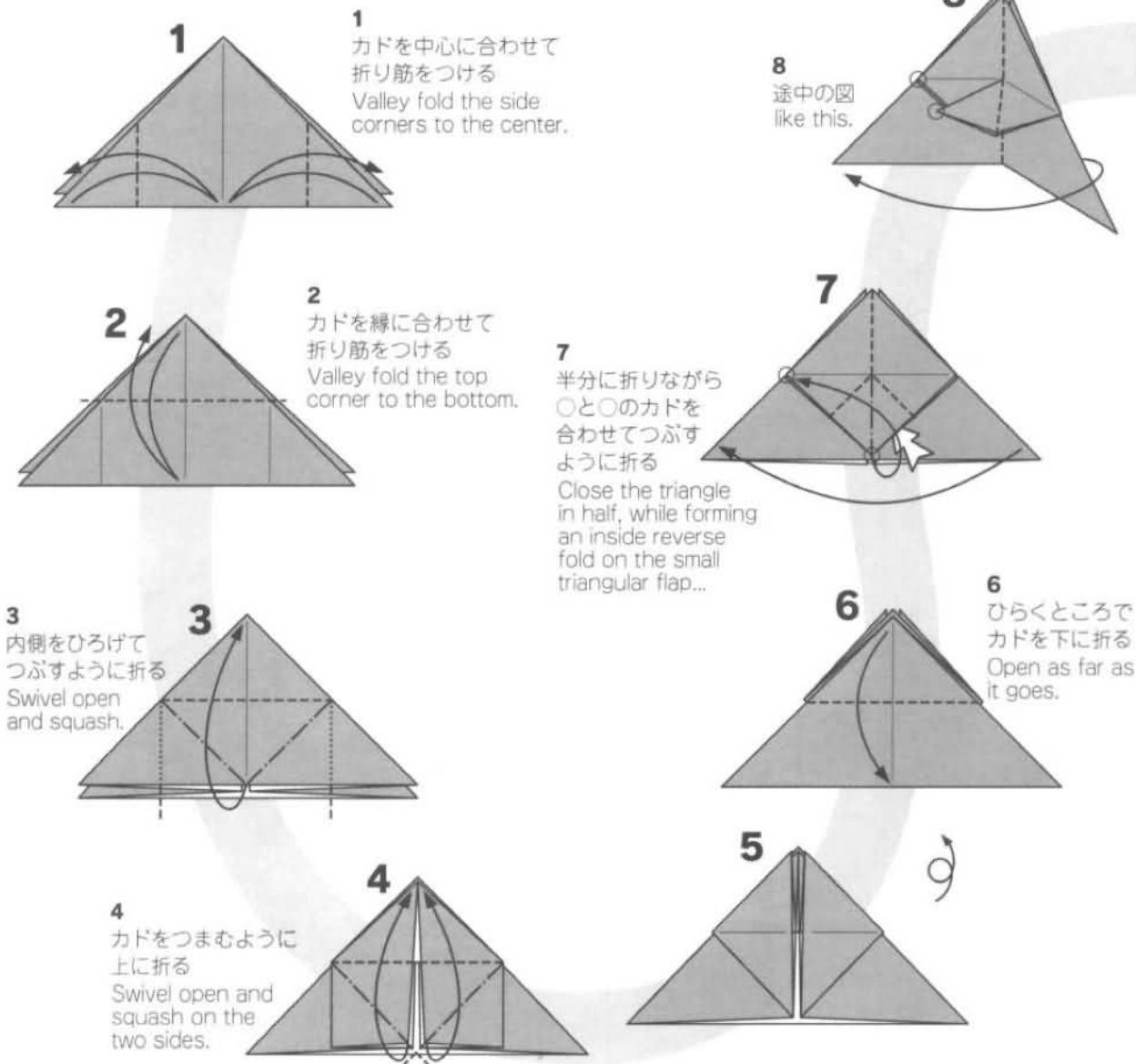
シャチの特徴は何と言っても黑白のコントラストです。図鑑と逐一比べると随分違うのですが、水中から飛び上がったシルエットも比較的上手く決まって、私としては満足できる“見立て”を得たと思っています。

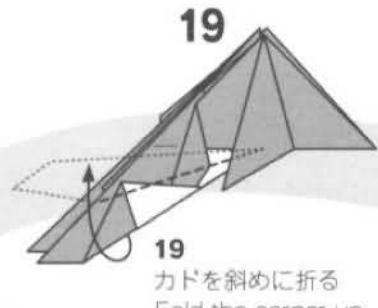
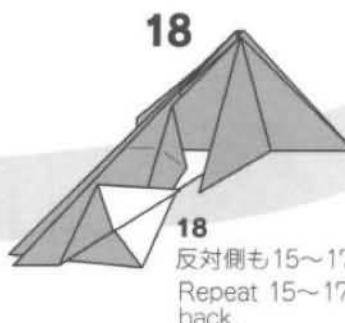
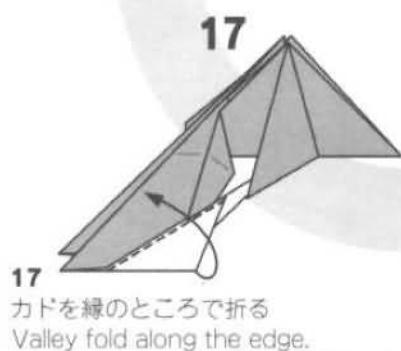
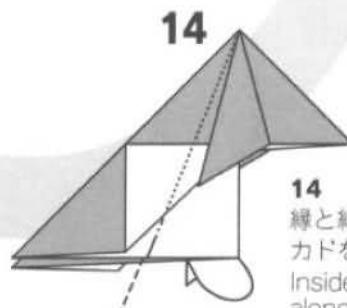
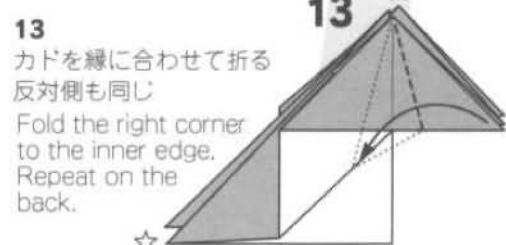
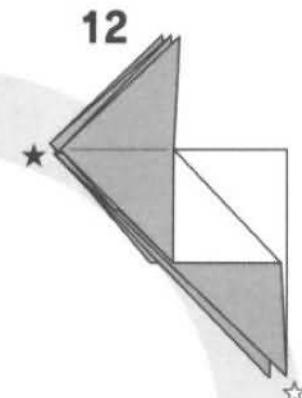
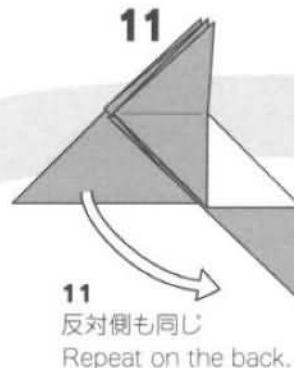
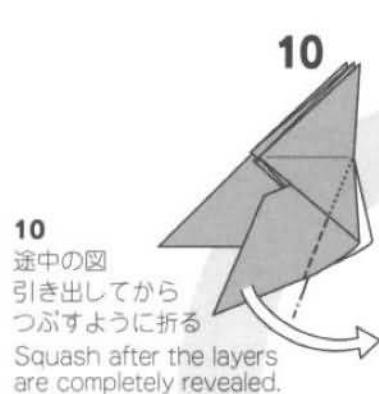
Although details are different from the real killer whale, this model is a good example of an inside out model. It was possible because my first diagnosis of the target was very good.



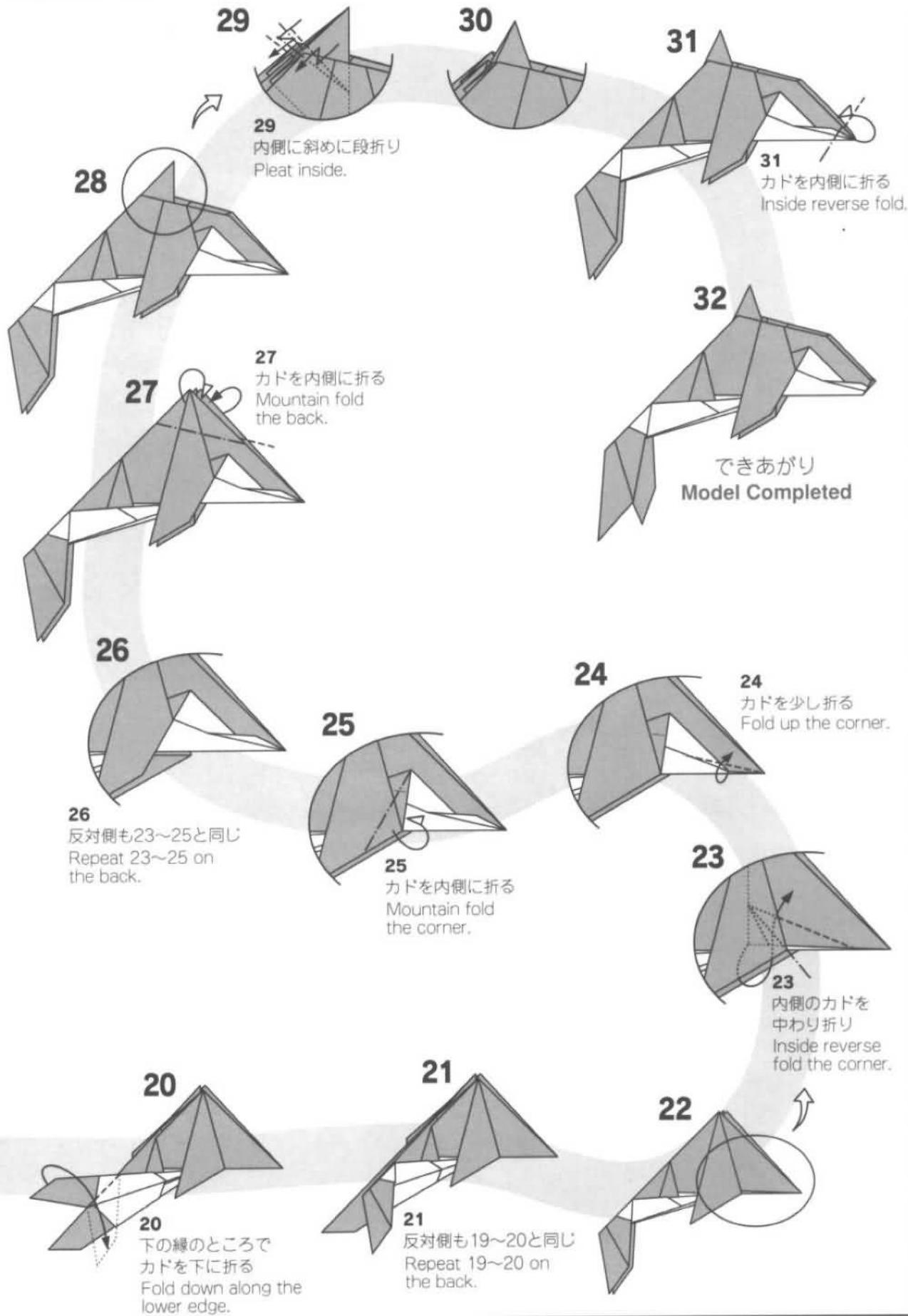
Created 1983 Paper 不切正方一枚折り: 1 piece

P. 8 [風船基本形] からはじめる  
Start with [Water Bomb Base] (P. 8)





2 動物／シャチ



# スペースシャトル

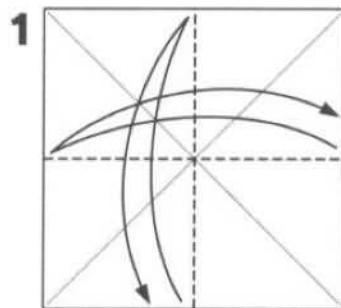
## Space Shuttle

最後のコックピットの折りと鼻先のデザインがはじめにあって、やや強引に形を作っています。きれいに折るとスペースシャトルの下から見たフラットな感じも出せるのがちょっとした幸運です。

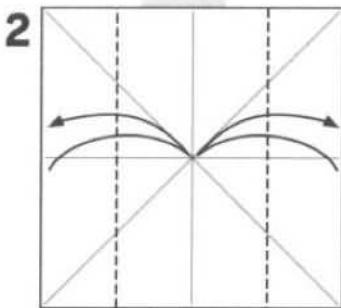
The whole model is based on the idea about the designs of the cockpit and the nose, and all previous folds converges into them. You can see the plane appearance of the bottom view of the shuttle.



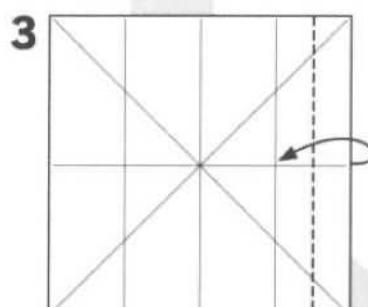
Created 1996 Paper 不切正方一枚折り: 1 piece



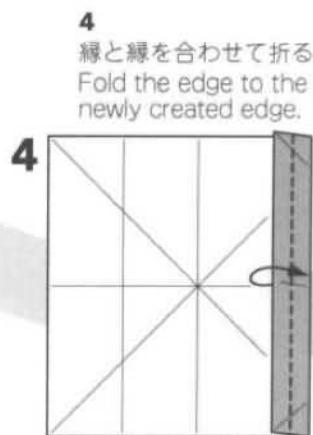
1 半分に  
折り筋をつける  
Fold in halves.



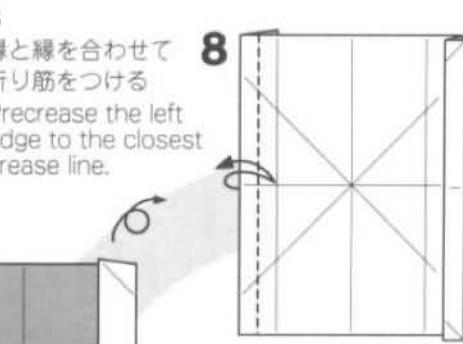
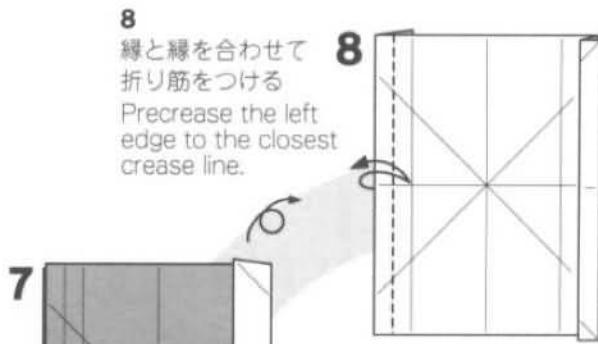
2 縁を中心に合わせて  
折り筋をつける  
Fold the edges to the center.



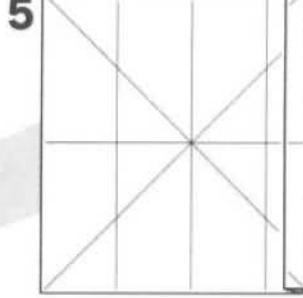
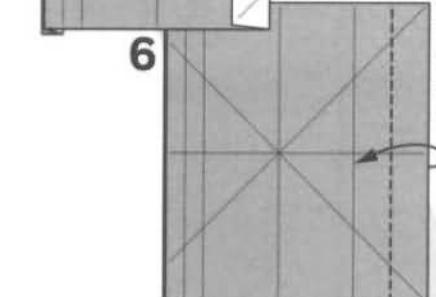
3 縁を折り筋に  
合わせて折る  
Fold the right edge  
to the closest crease  
line made in 2.



4 縁と縁を合わせて折る  
Fold the edge to the  
newly created edge.



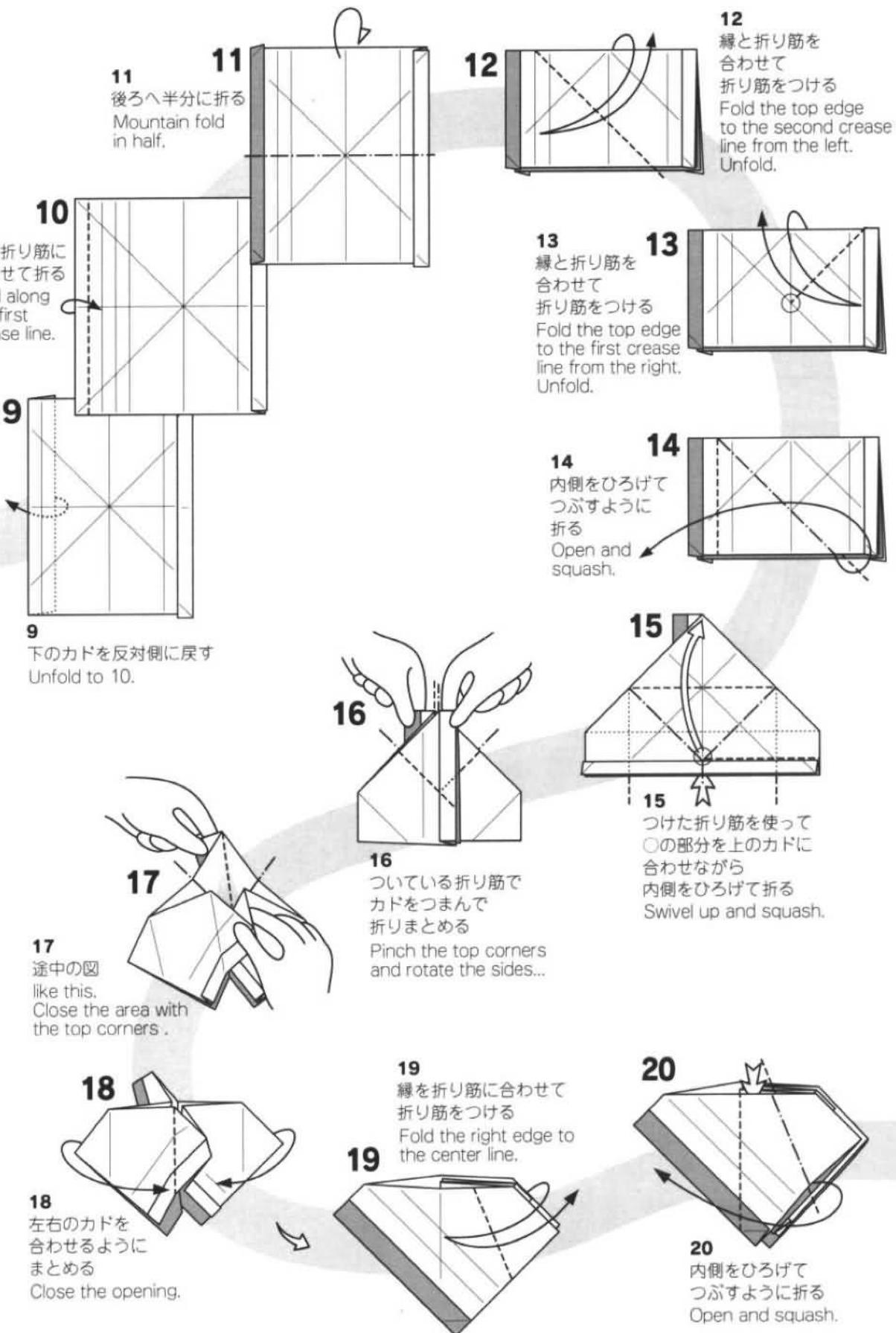
6 縁を折り筋に  
合わせて折る  
Fold the other  
edge to the  
closest crease line.



9

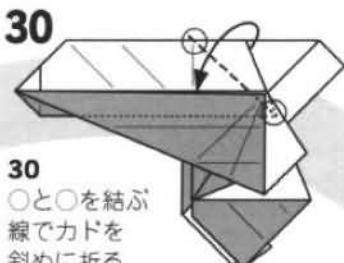


### 3 宇宙／スペースシャトル

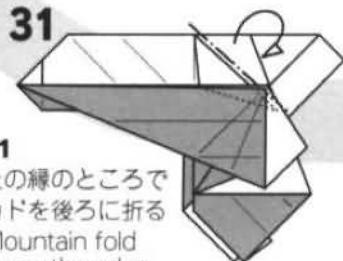




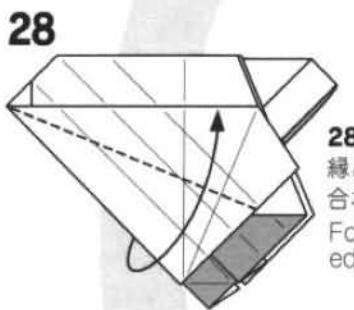
**29**  
反対側も  
24~28と同じ  
Repeat 24~28  
on the back.



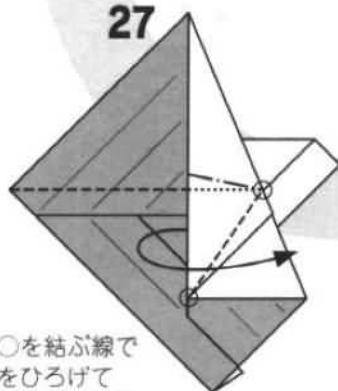
**30**  
○と○を結ぶ  
線でカドを  
斜めに折る  
Valley fold along the line  
connecting the circled  
intersections.



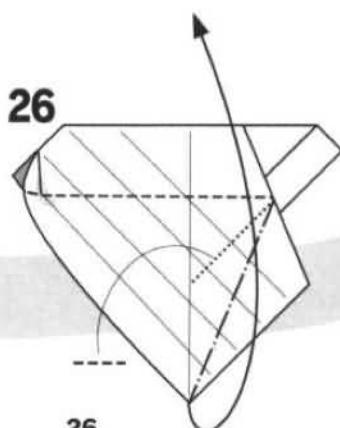
**31**  
上の縁のところで  
カドを後ろに折る  
Mountain fold  
along the edge.



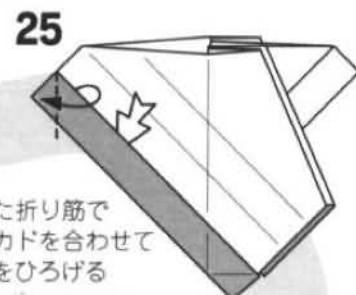
**28**  
縁と縁を  
合わせて折る  
Fold edge to  
edge.



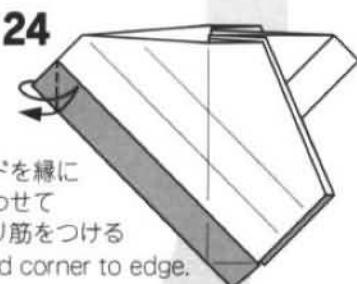
**27**  
○と○を結ぶ線で  
内側をひろげて  
つぶすように折る  
Swivel along the line  
connecting the  
circled intersections  
and squash.



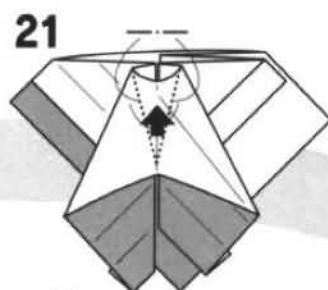
**26**  
内側をひろげて  
つぶすように折る  
Swivel up and squash.



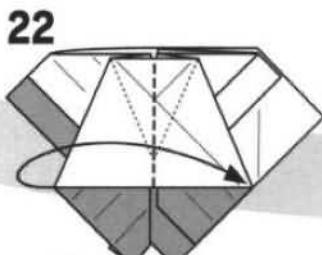
**25**  
つけた折り筋で  
縁とカドを合わせて  
内側をひろげる  
Open the narrow  
pocket using the  
crease line in 24.



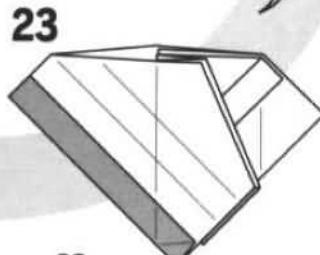
**24**  
カドを縁に  
合わせて  
折り筋をつける  
Fold corner to edge.



**21**  
途中の図  
Spread the excess  
layer and squash.



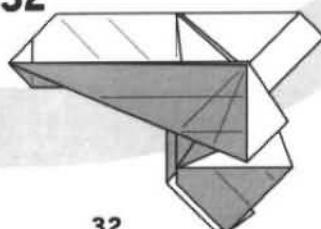
**22**  
カドを反対側に折る  
Swivel to the right.



**23**  
反対側も19~22と同じ  
Repeat 19~22 on the right.

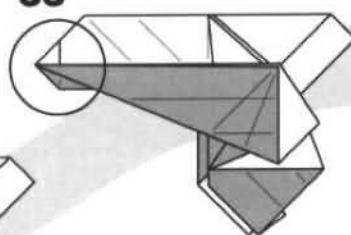
### 3 宇宙／スペースシャトル

32



32  
反対側も30~31と同じ  
Repeat 30~31 on the back.

33



34

34  
カドを縁に合わせて折る  
Fold the left corner to the inner edge.

34

カドを縁に合わせて折る  
Fold the left corner to the inner edge.

35

開くところで折る  
Open as far as possible.

35



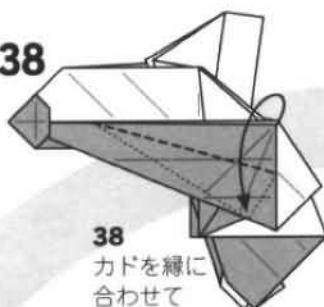
36

36  
反対側も34~35と同じ  
Repeat 34~35 on the back.

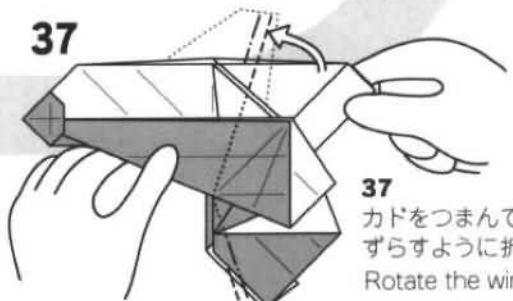
36

36  
反対側も34~35と同じ  
Repeat 34~35 on the back.

38



37



37

カドをつまんでずらすように折る  
Rotate the wing.

39



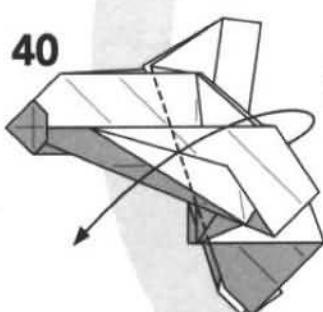
39

カドを後ろへ折る  
Mountain fold the corner.

38

カドを縁に合わせて斜めに折る  
Fold the colored corner to the lower edge.

40



40

開くところでカドを折る  
Swivel where it opens.

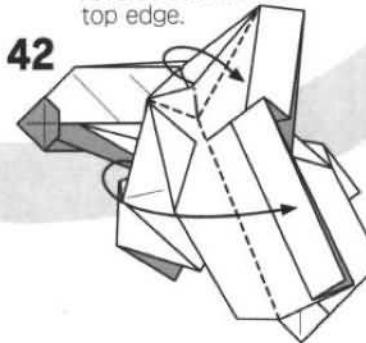
42

途中の図  
Also form an inside reverse fold on the top edge.

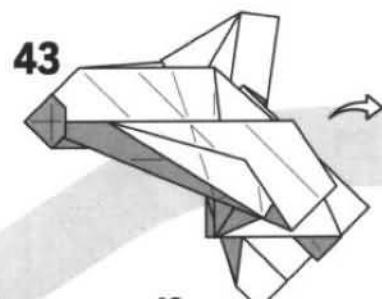
41

図のような折り筋で段折りしながらそれぞれ縁と縁を合わせて折る  
Form a pleat while closing where indicated.

42



43

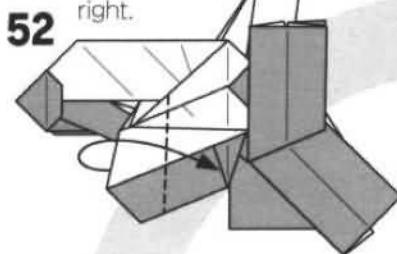


43

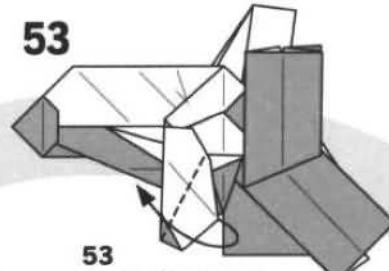
反対側も38~42と同じ  
Repeat 38~42 on the back.

**52**

カドを反対側に折る  
Swivel to the right.

**53****53**

カドを斜めに折る  
Valley fold as indicated.

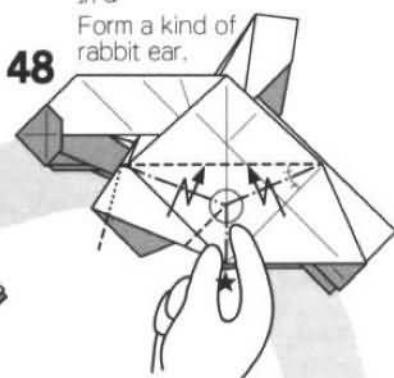
**54****54**

開くところで  
反対側に折る  
Swivel to the right  
where it opens.

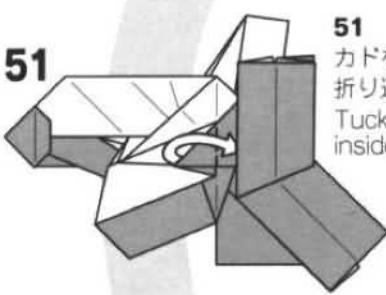
**48**

つまんで○の部分が  
カドになるように  
折る

Form a kind of  
rabbit ear.

**48****51****51**

カドをすき間に  
折り込む  
Tuck the corner  
inside.

**50****50**

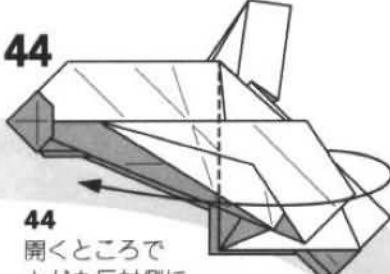
ついている折り筋で  
つられて持ち上がる部分を  
上に折る

Swivel up along the  
precrease line.

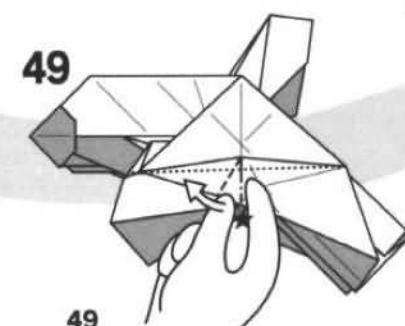
**44****44**

開くところで  
カドを反対側に  
折る

Swivel where the  
wing opens.

**49****49**

48でカドになった部分を  
ついている折り筋で  
上に折る  
Swivel up and close  
to the left.

**47****47**

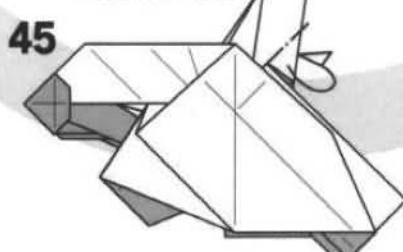
○と○を結ぶ線で  
折り筋をつける  
Precrease along the  
line connecting the  
circled corners.

**46****46**

カドとカドを  
合わせて折り筋をつける  
Precrease along the line  
connecting the circled corners.

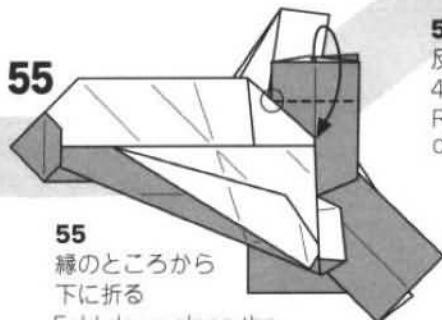
**45**

カドを内側に折る  
Mountain fold.



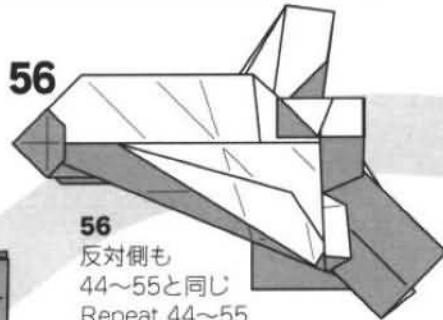
### 3 宇宙／スペースシャトル

**55**



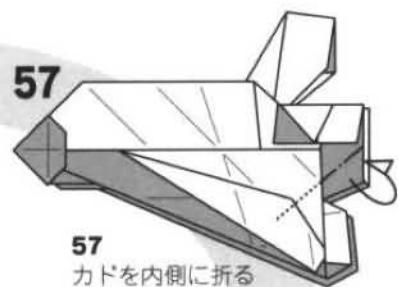
縁のところから  
下に折る  
Fold down along the  
line starting from the  
intersection.

**56**



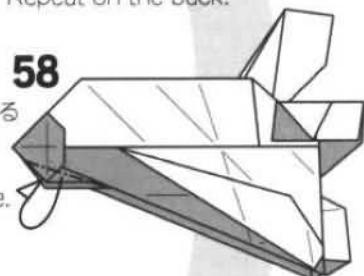
56  
反対側も  
44～55と同じ  
Repeat 44～55  
on the back.

**57**



57  
カドを内側に折る  
反対側も同じ  
Mountain fold the tail.  
Repeat on the back.

**58**



58  
カドを内側に折る  
反対側も同じ  
Mountain fold  
below the nose.  
Repeat on the  
back.

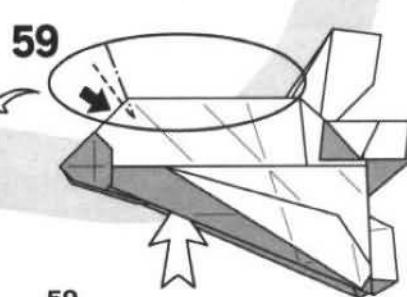
**60**

上のすき間の部分を  
糊付けする  
Glue the top portion  
of the back.

**60**



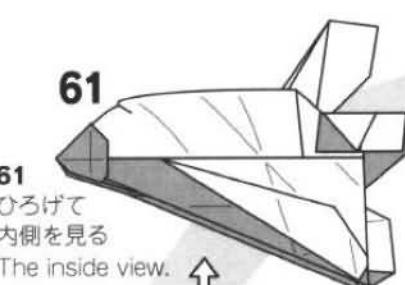
**59**



**59**

黒矢印の部分を押し込みながら  
内側をひろげて立体にする  
Push on the back and shape  
the body.

**61**

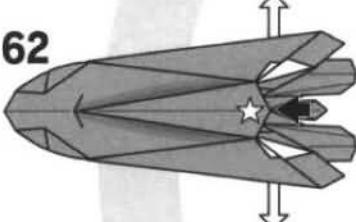


ひろげて  
内側を見る  
The inside view.

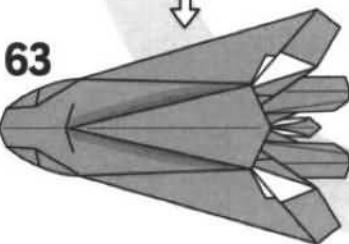
**62**

翼をひろげながら  
☆の部分をひろげて  
つぶすように折る  
Open the wings and  
squash the starred part.

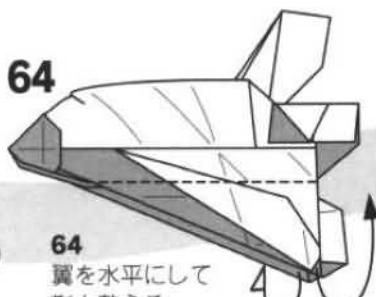
**62**



**63**



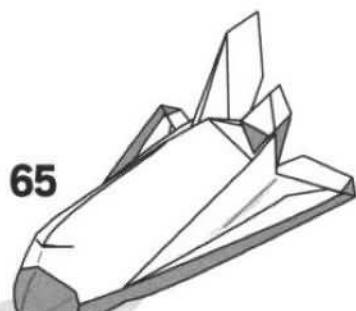
**64**



**64**

翼を水平にして  
形を整える  
Open the wings level and  
shape them to the taste.

**65**



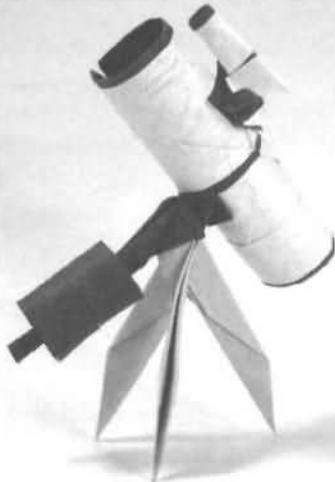
できあがり  
Model Completed

# 天体望遠鏡

## Telescope

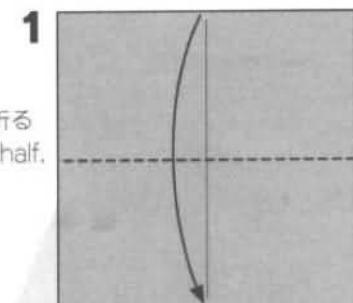
反射望遠鏡です。赤道儀や照準器など小物をパーツで作る複合作ですが、作例が見あたらないので一興といったところでしょうか。星座を幾つか作った際に小物として考えてみたものです。

This is a modular reflecting telescope, which as far as I know can't be seen anywhere else. You should fold it with Constellations.

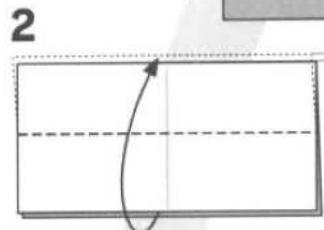


Created 1989 Paper 複合作品・4枚 : 4 pieces

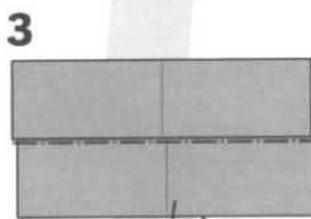
### [本体] Body



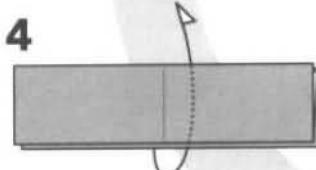
1 半分に折る  
Fold in half.



2 縁から少し出るように折る  
Fold up.

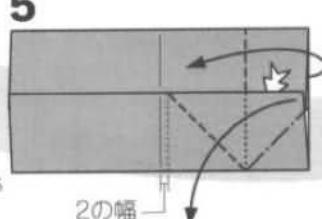


3 上の縁の  
ところで  
後ろへ折る  
Mountain fold along  
the edge.



4 下の縁を  
上に折る  
Swivel up the  
lower layer.

5 中心から2の幅と  
同じに離して折る  
Open and squash.  
Leave the same  
amount of width as  
in 2 in the center.

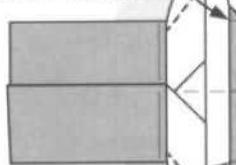


### [紙の比率] Paper Size



Sighting Device

9 線と縁を合わせて  
つぶすように折る  
Squash the top  
and the bottom.



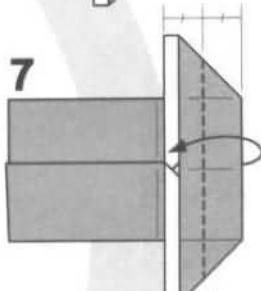
10

10 反対側も5～9と同じ  
Repeat 5～9 on the back.

8

8 内側をひろげる  
Open along the  
crease line in 7.

7

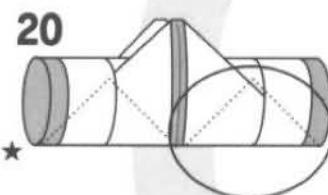
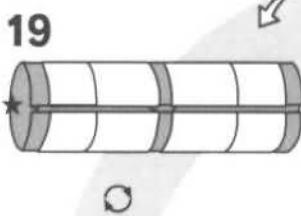
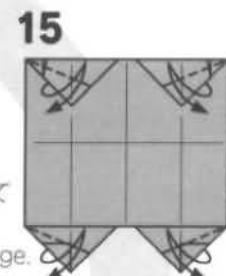
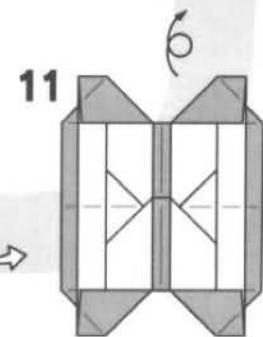
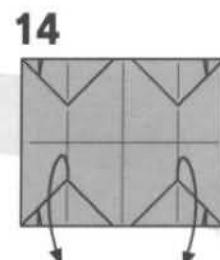
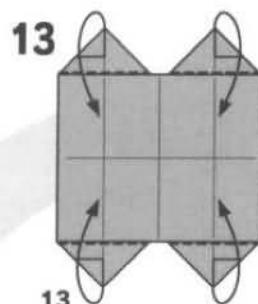
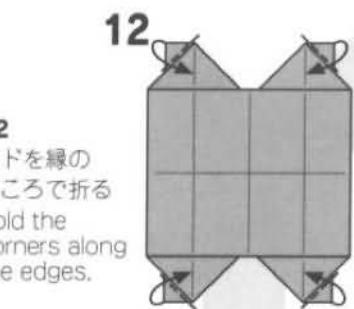


7 線と縁を  
合わせて折る  
Fold edge to  
edge.

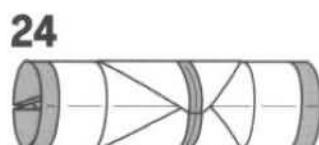
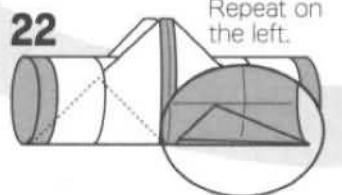
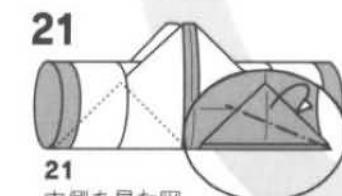
6

6 カドを引き出して  
つまむように折る  
Pull out the hidden layers.

### 3 宇宙／天体望遠鏡

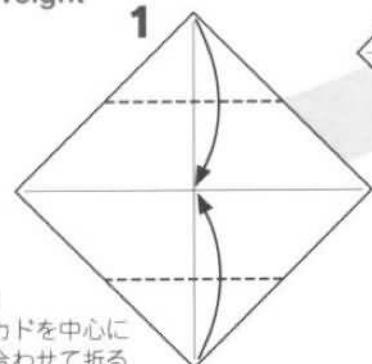


20 ○の部分の内側を見る  
The inside view.

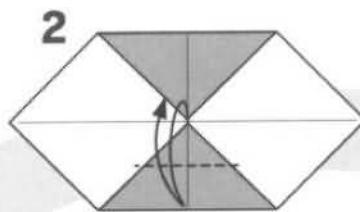


## [おもり]

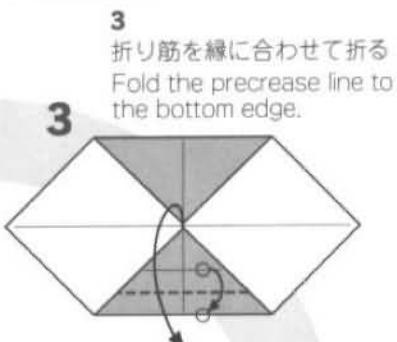
## Weight



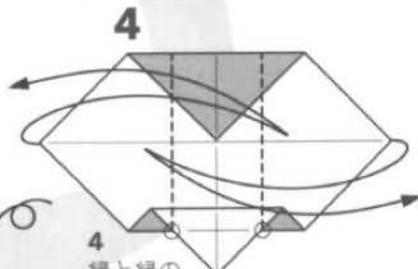
**1**  
カドを中心にはわせて折る  
Fold the two corners to the center.



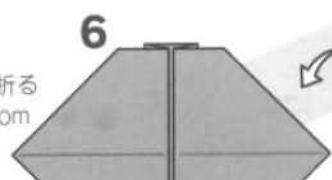
**2**  
カドと縁を合わせて  
折り筋をつける  
Fold the bottom corner to the bottom edge and unfold.



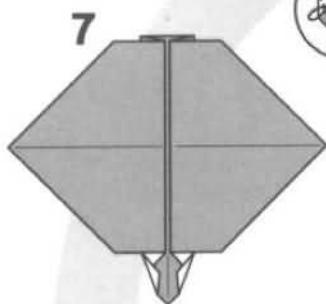
**3**  
折り筋を縁に合わせて折る  
Fold the precrease line to the bottom edge.



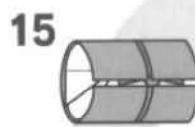
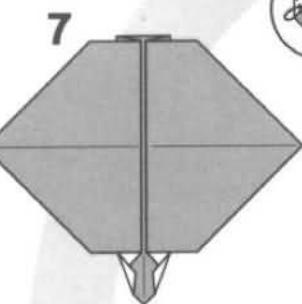
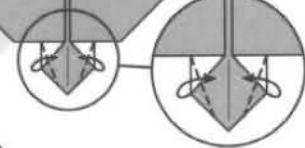
**4**  
縁と縁の  
交点のところで折り筋をつける  
Precrease vertically starting from the bottom intersections.



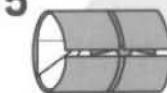
**5**  
4でつけた折り筋を  
中心に合わせて段折り  
Form pleats.



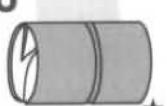
**6**  
カドを斜めに折る  
Fold the bottom corners a bit.



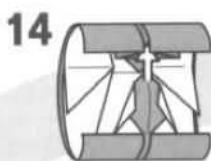
**15**



**16**



[おもり]の  
できあがり  
[Weight] Completed



**10**



**11**

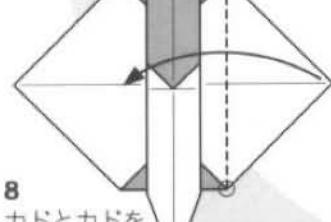


**13**

筒状の物で  
丸みをつける  
Roll it using  
something like a pen.

**12**

反対側も  
8~11と同じ  
Repeat 8~11  
on the left.



**8**  
カドとカドを  
結ぶ線で折る  
Fold along the line  
connecting the  
corners.



**9**

縁と縁を  
合わせて  
折り筋をつける  
Precrease edge to edge.

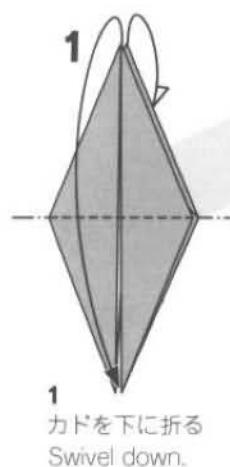
**11**

カドをつまむ  
ように折る  
Swivel down  
and squash.

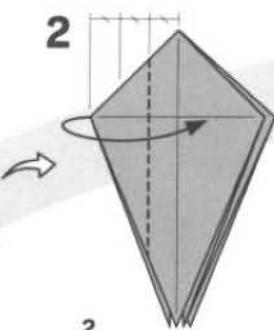
### 3 宇宙／天体望遠鏡

[三脚]  
Tripod

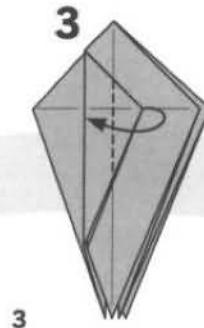
P. 8 [鶴の基本形] からはじめる  
Start with [Bird Base] (P. 8)



1 カドを下に折る  
Swivel down.



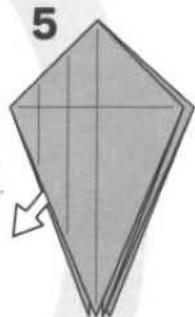
2 1/3のところで  
カドを反対側に折る  
Swivel to the right at  
a third from the center.



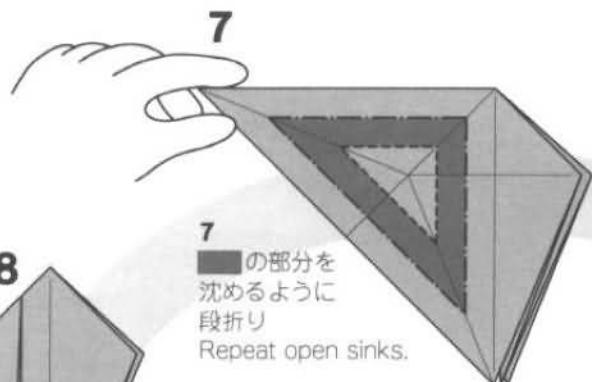
3 同じ幅で反対側に折る  
Swivel to the left along  
the center line.



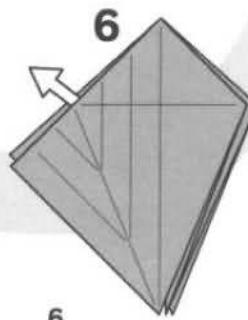
4 折り筋を  
つけて戻す  
Unfold.



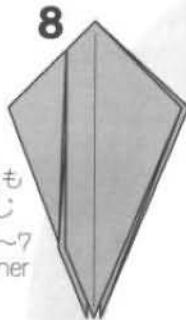
5 内側の紙を  
引き出す  
Pull out the  
inner layers.



7 ■の部分を  
沈めるように  
段折り  
Repeat open sinks.



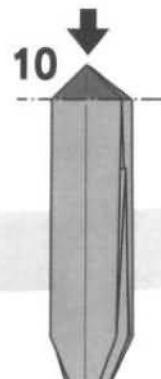
6 内側の紙を引き出す  
Pull out the inner layer.



8 他の3ヶ所も  
2~7と同じ  
Repeat 2~7  
on the other  
three  
corners.



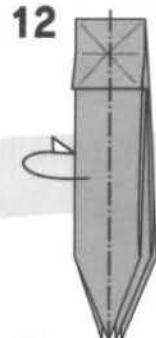
9 カドとカドを  
結ぶ線で  
折り筋をつける  
Fold along the  
line connecting  
the corners.



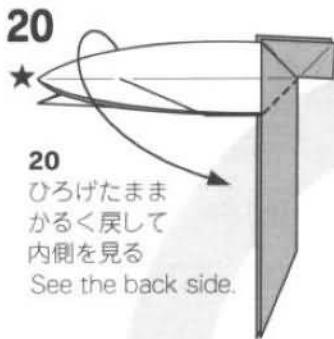
10 ■の部分を  
沈め折り (open sink)  
Open sink.



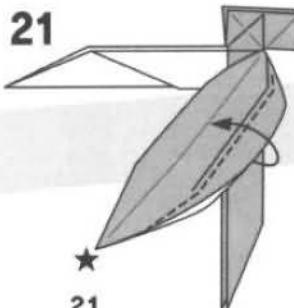
11 内側をひろげて  
つぶすように折る  
Swivel down.



12 後ろへ半分に折る  
Mountain fold in half.



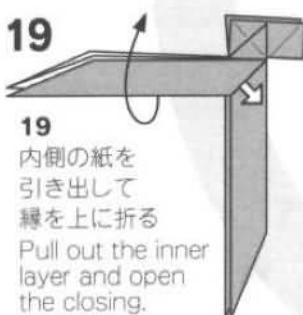
**20**  
ひろげたまま  
かるく戻して  
内側を見る  
See the back side.



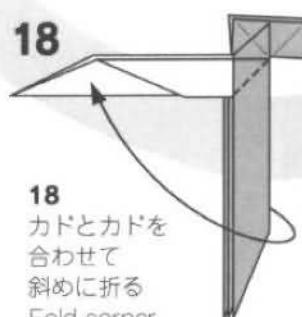
**21**  
19で引き出した部分を  
かぶせるように折る  
Wrap the pulled-out  
layer around.



**22**  
内側の紙を  
引き出して  
ひろげる  
Pull out the  
inner layer  
and open.



**19**  
内側の紙を  
引き出して  
縁を上に折る  
Pull out the inner  
layer and open  
the closing.



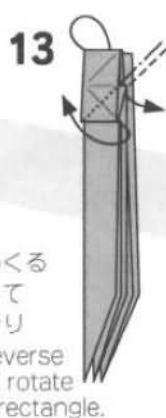
**18**  
カドとカドを  
合わせて  
斜めに折る  
Fold corner  
to corner.



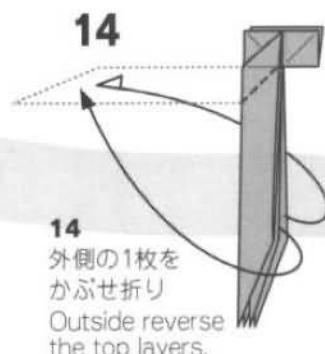
**17**  
反対側も  
15～16と同じ  
Repeat 15～16  
on the back.



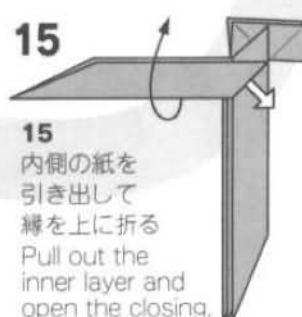
**16**  
裏返した部分を  
すぐ後ろの  
すき間に折り込む  
Tuck the pulled-out  
layer inside.



**13**  
カドをめくる  
ようにして  
中わり折り  
Inside reverse  
fold and rotate  
the top rectangle.

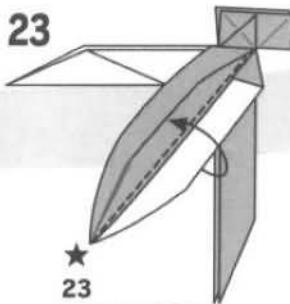


**14**  
外側の1枚を  
かぶせ折り  
Outside reverse  
the top layers.

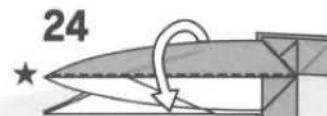


**15**  
内側の紙を  
引き出して  
縁を上に折る  
Pull out the  
inner layer and  
open the closing.

### 3 宇宙／天体望遠鏡



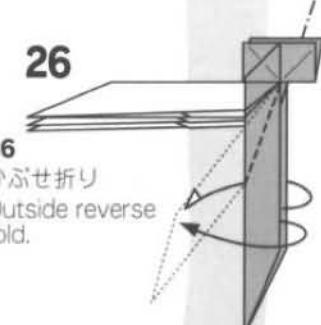
**23**  
このまま20の形まで戻す  
Back to the front side.



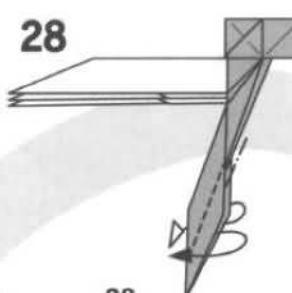
**24**  
引き出して  
できた線を  
かぶせるように  
折る  
Wrap the pulled-out  
layer around.



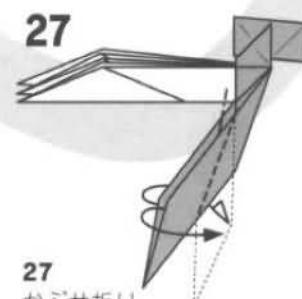
**25**  
反対側も  
18~24と同じ  
Repeat 18~24  
on the back.



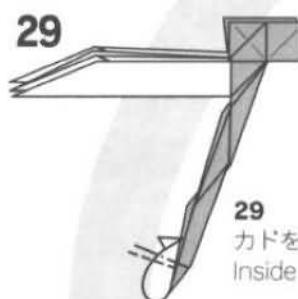
**26**  
かぶせ折り  
Outside reverse  
fold.



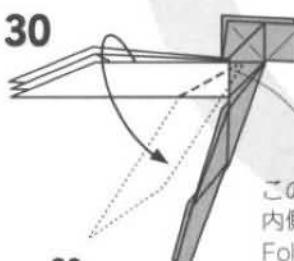
**28**  
かぶせ折り  
Outside reverse fold.



**27**  
かぶせ折り  
Outside reverse fold.

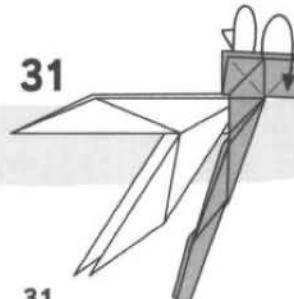


**29**  
カドを内側に折る  
Inside reverse fold.



**30**  
カドを下に折る  
反対側も同じ  
Fold down the corner.  
Repeat on the back.

この部分は  
内側だけ折る  
Fold only the inner  
layers here.

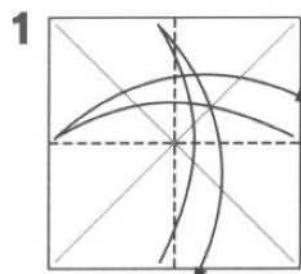


**31**  
ひろげて平らにする  
Spread the rectangular  
closing.

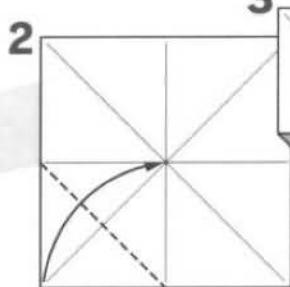


[三脚]のできあがり  
[Tripod] Completed

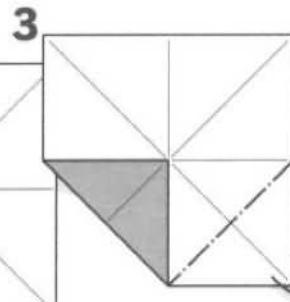
## [照準器] Sighting Device



1  
縦横半分に  
折り筋をつける  
Fold in halves.

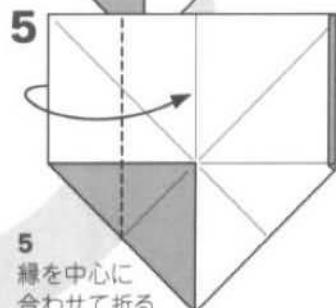
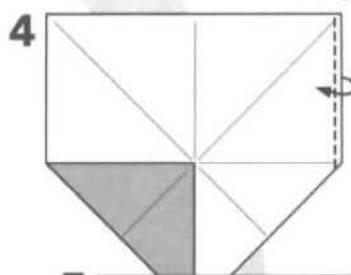


2  
カドを中心に  
合わせて折る  
Fold the corner  
to the center.

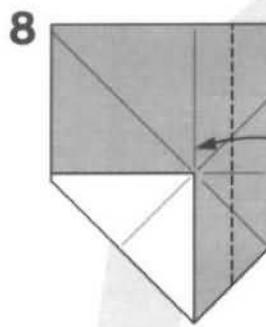


3  
カドを中心に  
合わせて  
後ろへ折る  
Mountain fold the  
corner to the center.

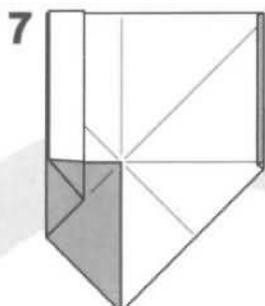
4  
縁を少し折る  
Fold along  
the edge.



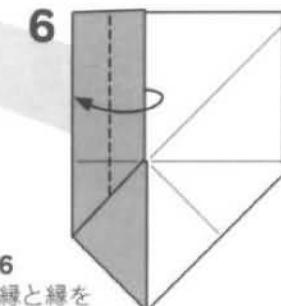
5  
縁を中心に  
合わせて折る  
Fold the left edge  
to the center.



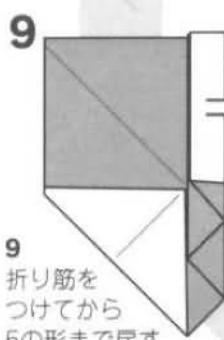
6  
縁と縁を  
合わせて折る  
Fold edge to edge.



7  
縁を中心には  
わせて折る  
Fold edge to edge.

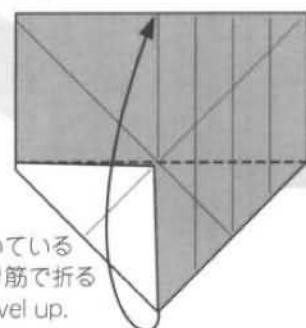


8  
縁を中心には  
わせて折る  
Fold edge to edge.

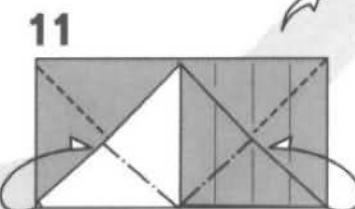


9  
折り筋を  
つけてから  
5の形まで戻す  
Unfold to 5.

10

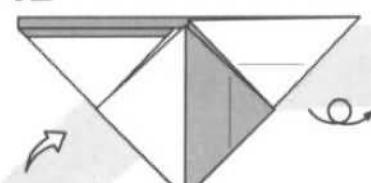


10  
ついている  
折り筋で折る  
Swivel up.



11  
ついている折り筋で  
カドを内側に折る  
Inside reverse fold  
along the precrease lines.

12

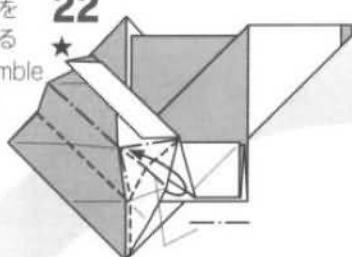


### 3 宇宙／天体望遠鏡

22

持ち上がった部分を  
押し込むように折る  
Flatten and assemble  
while shifting the  
starred corner  
down.

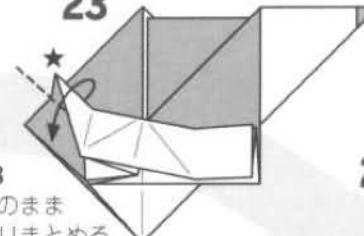
22



23

そのまま  
折りまとめる  
It should be assembled  
this way.

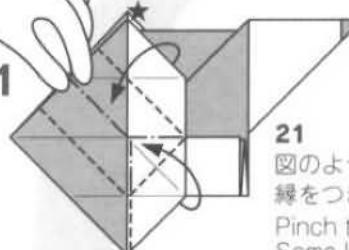
23



24

上の1枚を下に折る  
Fold down the top layer.

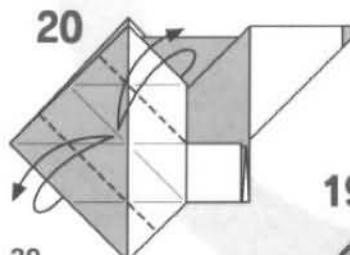
21



21

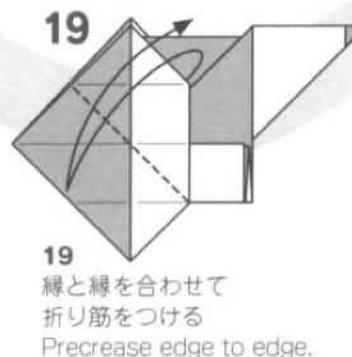
図のような折り筋で  
縁をつまむように折る  
Pinch the center line.  
Some layers are  
pulled up.

20



20  
縁と折り筋を合わせて  
折り筋をつける  
Fold the edges to  
the center.

19

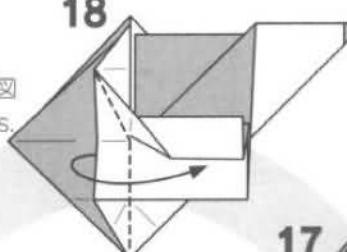


19

縁と縁を合わせて  
折り筋をつける  
Precrease edge to edge.

18

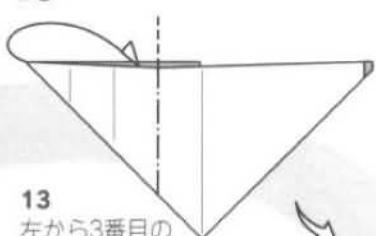
途中の図  
like this.



17

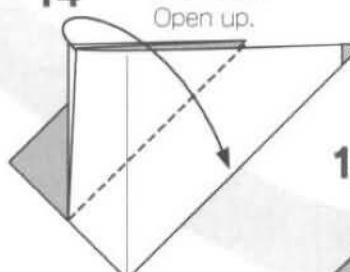
○と●の縁を  
合わせながら  
☆の縁を  
反対側に折る  
Swivel the left portion  
to the right while folding  
edge to edge on the right...

13



13  
左から3番目の  
折り筋でカドを  
内側に折る  
Inside reverse fold  
along the third  
crease line.

14



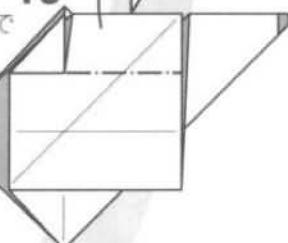
14

開くところで  
カドを折る  
Open up.

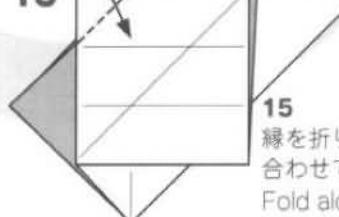
16

ついている折り筋で  
縁を内側に折る  
Mountain fold  
along the  
crease line.

16

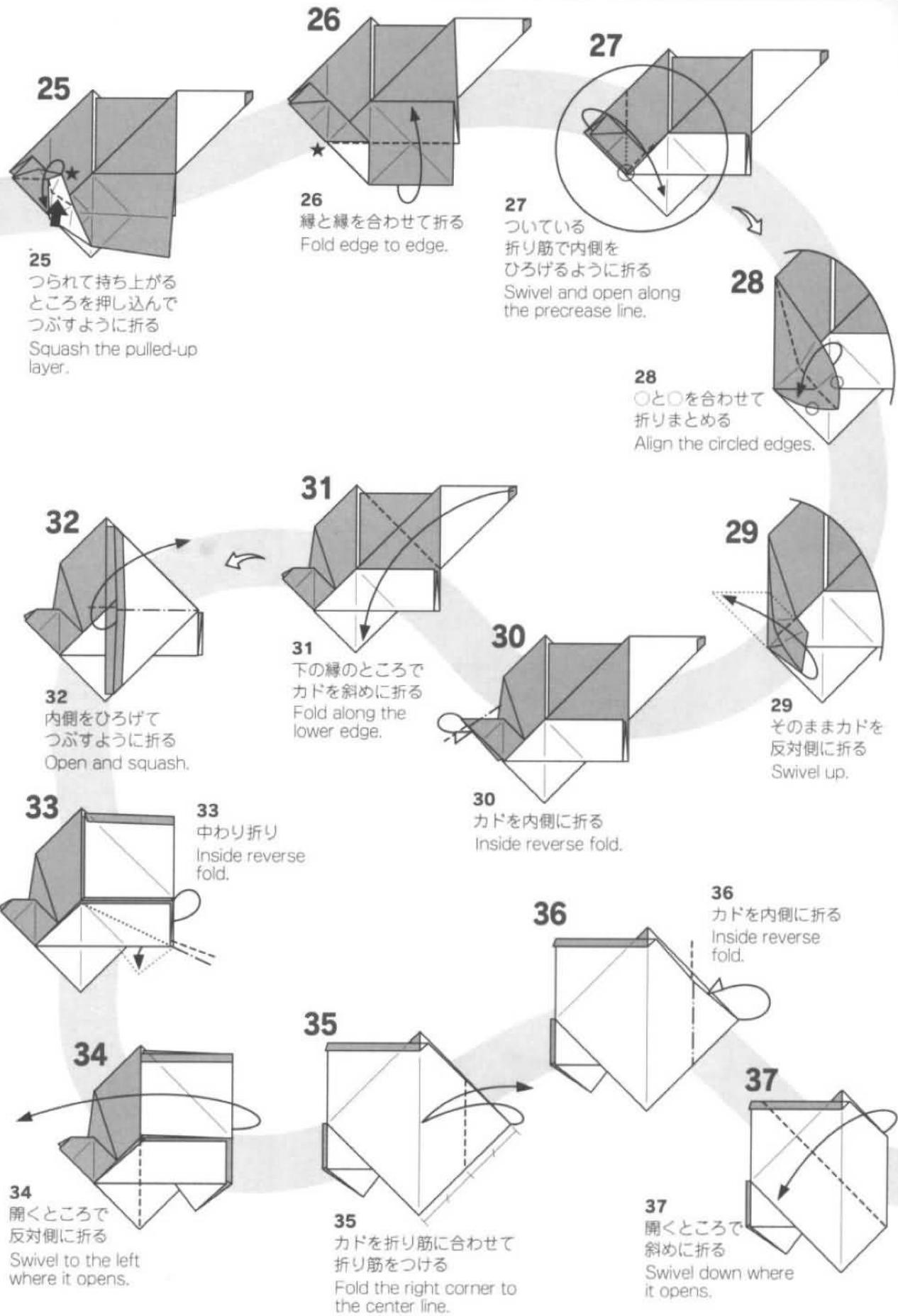


15

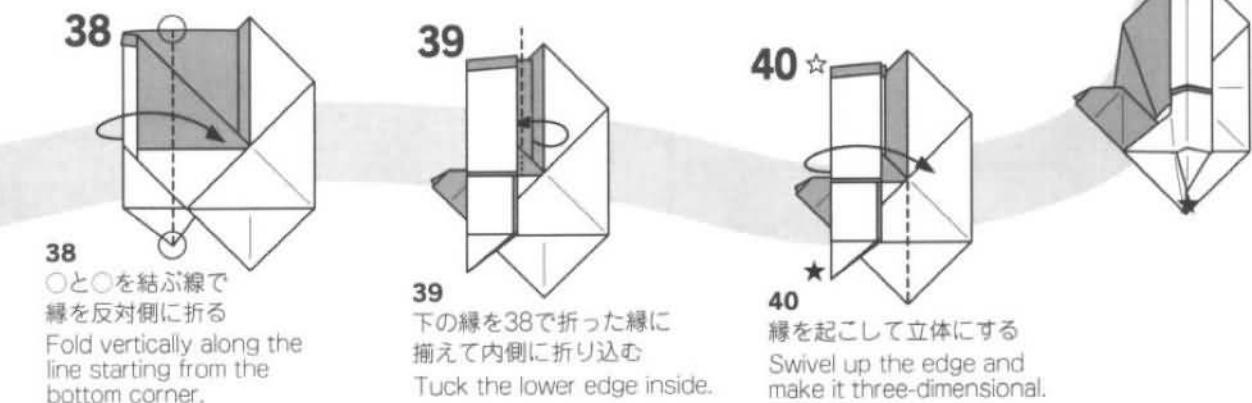
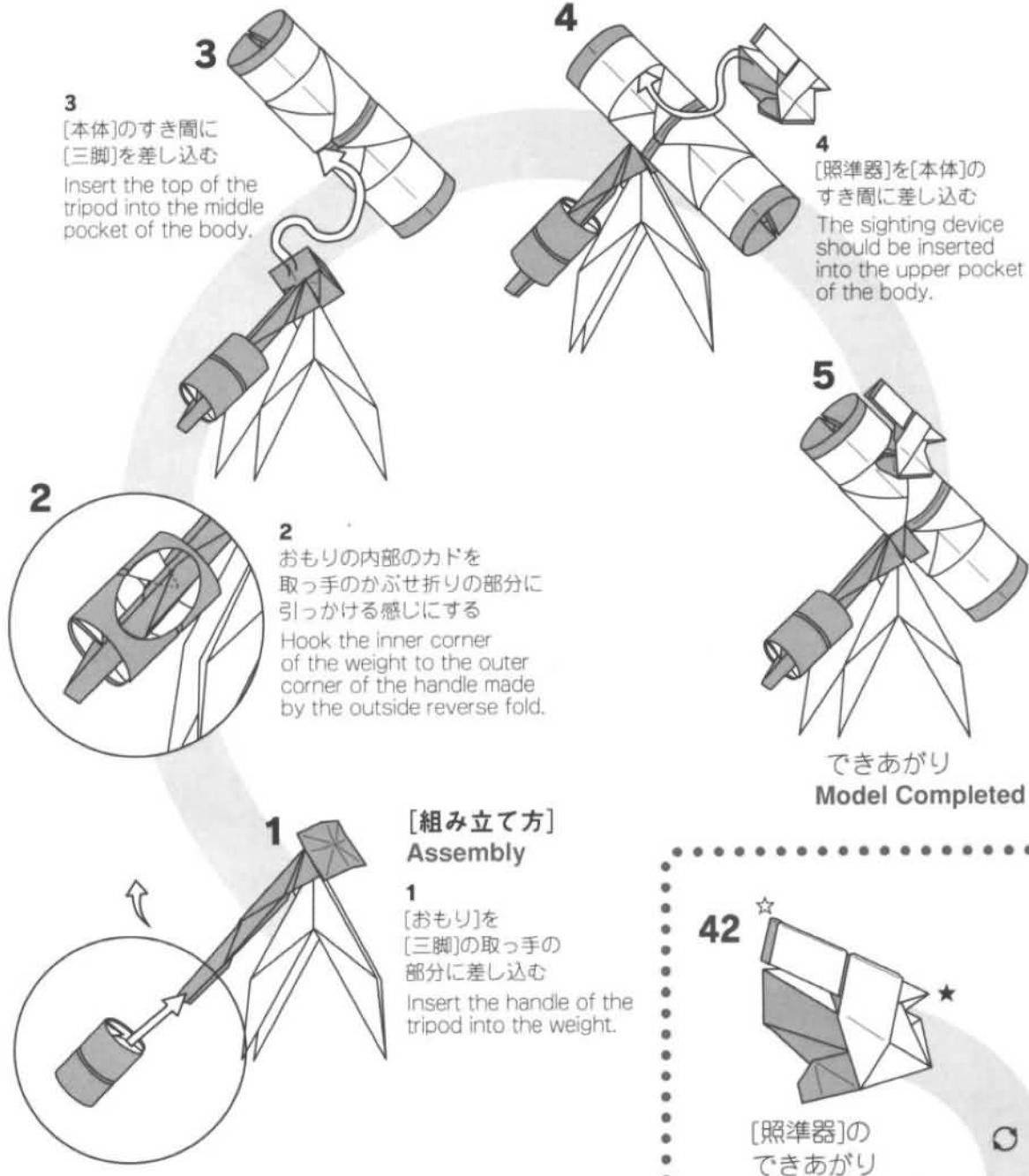


15

縁を折り筋に  
合わせて折る  
Fold along the edge.



### 3 宇宙／天体望遠鏡

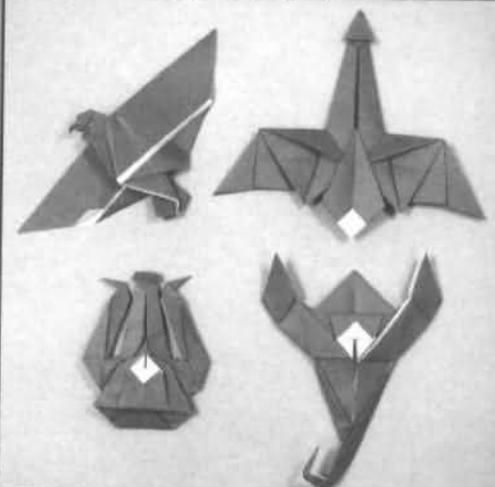


# わし座・はくちょう座 こと座・さそり座

## Aquila, Cygnus, Lyra, Scorpius

動物としての“それ”でなく、それぞれ星座の“それ”でなくては!との創作コンセプトから各星座の主星を表現しておくアイデアに至りました。このアイデアは他の星座へも応用できますが、夏の星座に絞ったこのあたりでとどめておきます。

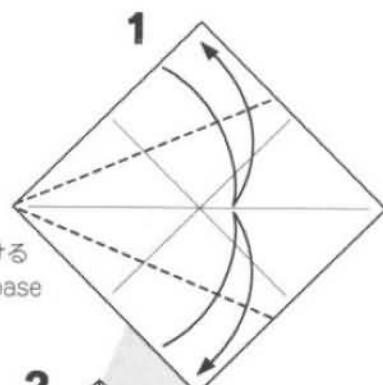
As they all are constellations, not the creatures, the prominent stars are marked in the models. You go ahead and make other constellations.



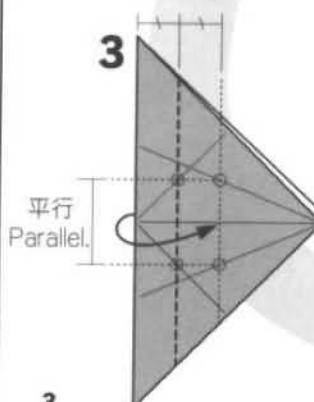
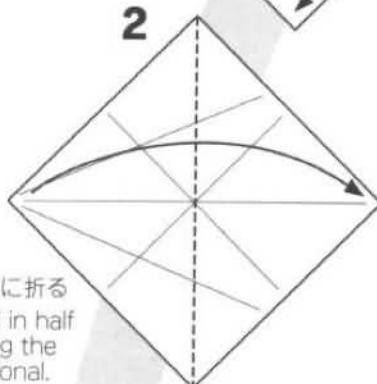
Created 1989 Paper 不切正方一枚折り: 1 piece

### [わし座] Aquila

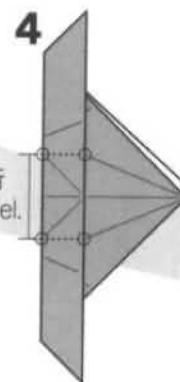
1 縁を中心  
に合わせて  
折り筋をつける  
Fold a kite base  
and unfold.



2 三角に折る  
Fold in half  
along the  
diagonal.



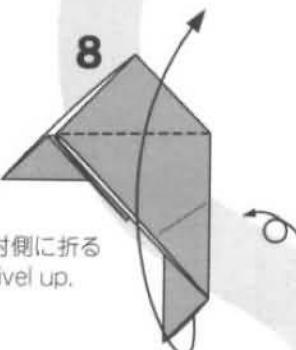
3 ○と○が平行になる位置で  
縁を上に折る  
Fold where the intersections  
can be aligned in parallel.



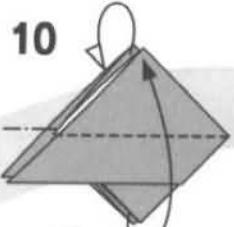
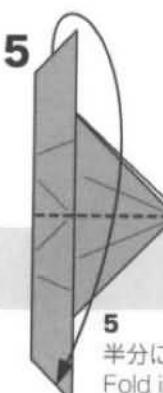
9 内側をひろげて  
つぶすように折る  
Open and  
squash.



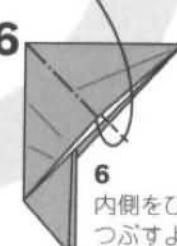
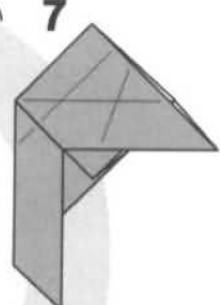
8 反対側に折る  
Swivel up.



5 半分に折る  
Fold in half.

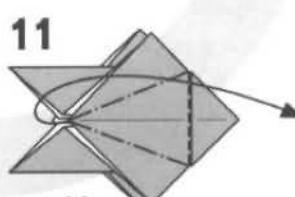
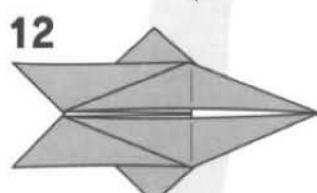
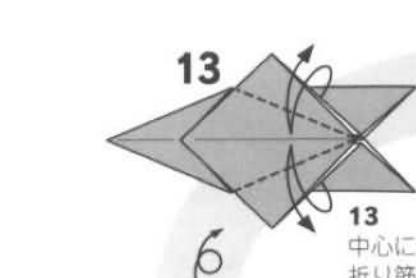


10 それぞれカドを  
反対側に折る  
Swivel up in front  
and swivel down  
on the back.

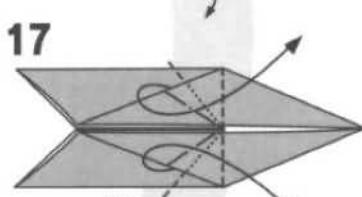
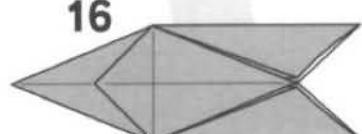
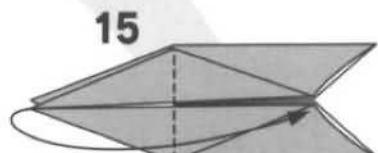
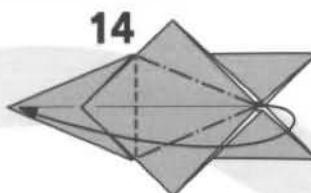


6 内側をひろげて  
つぶすように折る  
Open and squash.

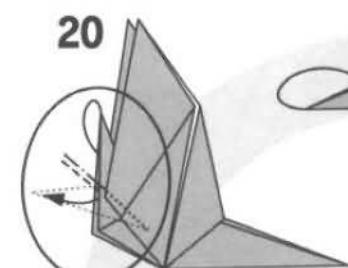
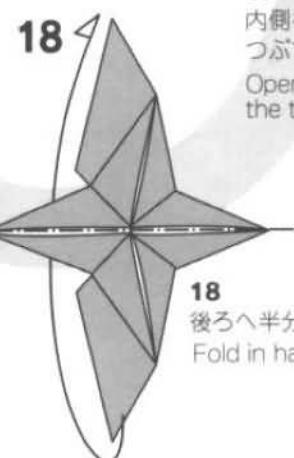
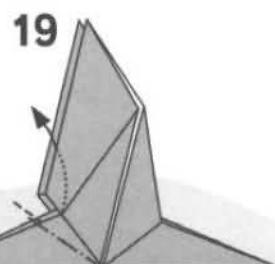
### 3 宇宙／わし座・はくちょう座・こと座・さそり座



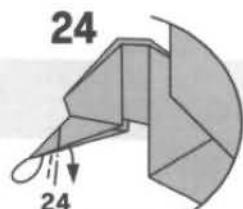
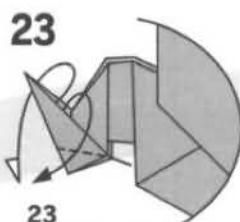
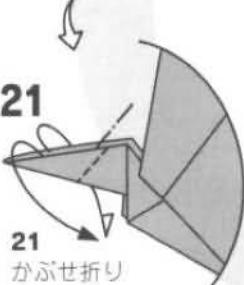
11 内側をひろげてつぶすように折る  
Form a bird base.



17 内側をひろげてつぶすように折る  
Open and squash the two corners.



19 中わり折り  
Inside reverse fold.



[はくちょう座]

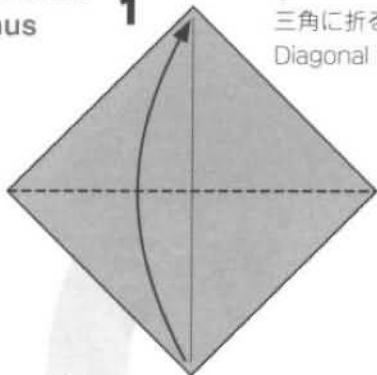
Cygnus

1

三角に折る  
Diagonal fold.

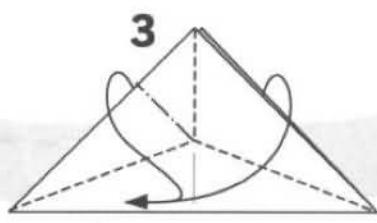
5

内側をひろげて  
つぶすように折る  
Open and  
squash.



2

上の1枚だけ  
縁と縁を合わせて  
折り筋をつける  
Fold edge to edge.

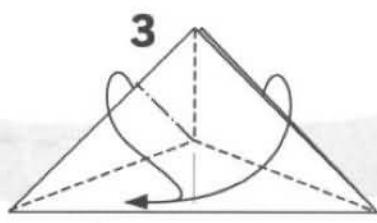
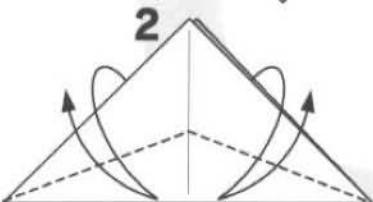
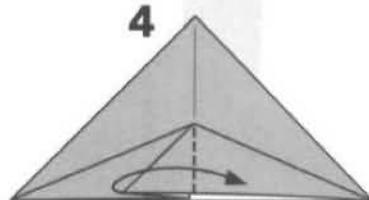


3

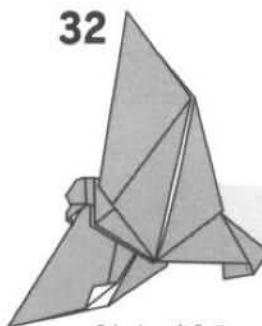
カドをつまむように折る  
A rabbit-ear.

4

カドを反対側に折る  
Swivel to the right.

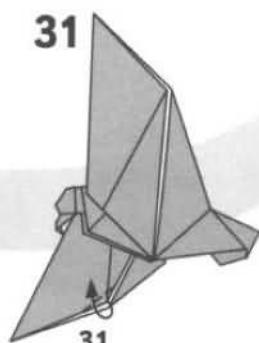


32



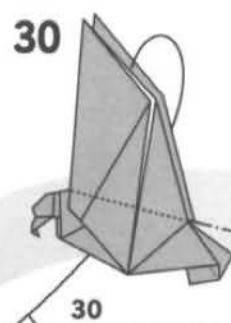
[わし座]の  
できあがり  
[Aquila] Completed

31



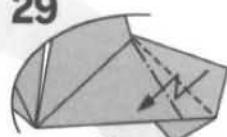
カドを少し折る  
Fold the tip a little.

30



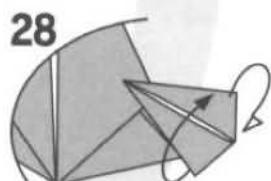
下のカドを後ろへ  
斜めに折る  
Fold the back  
wing down.

29



斜めに段折り  
Form a pleat.

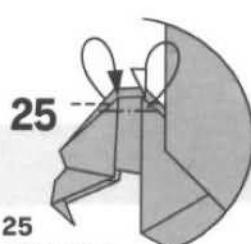
28



28

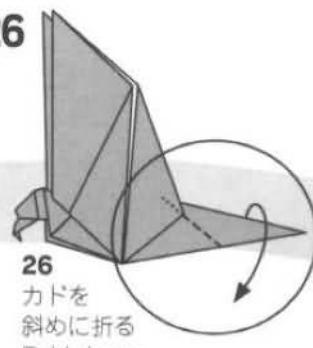
それぞれカドを  
反対側に折る  
Swivel up and  
down.

25



内側に折る  
Tuck the corners inside.

26



カドを  
斜めに折る  
Fold down.

27

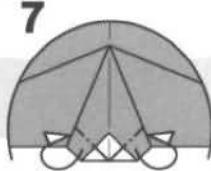


内側をひろげて  
つぶすように折る  
Open and squash.

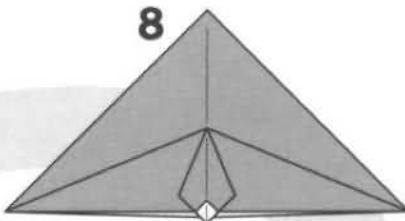
### 3 宇宙／わし座・はくちょう座・こと座・さそり座



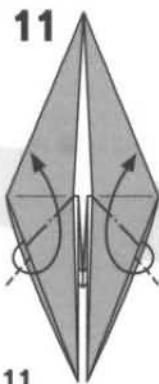
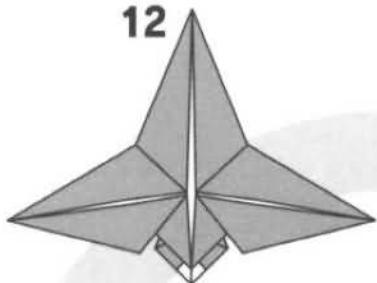
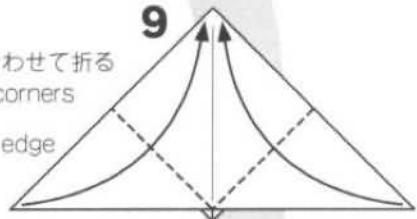
**6**  
2/3のところで折る  
Fold up at the two thirds of the triangle protruding at the bottom.



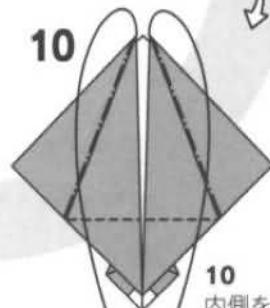
**7**  
縁と縁を合わせて  
後ろへ折る  
Mountain fold edge to edge.



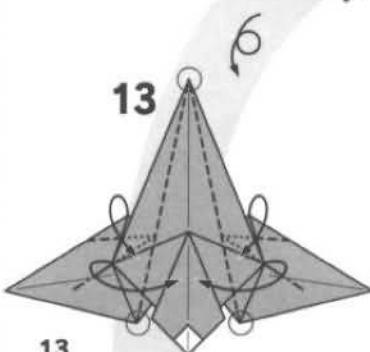
**8**  
**9**  
カドとカドを合わせて折る  
Fold the side corners to the top.  
Mountain fold edge to edge.



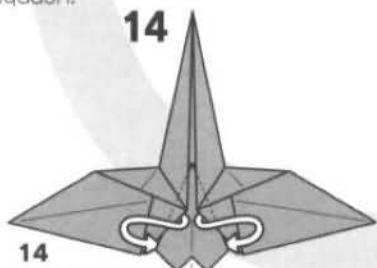
**11**  
内側をひろげて  
つぶすように折る  
Open and squash.



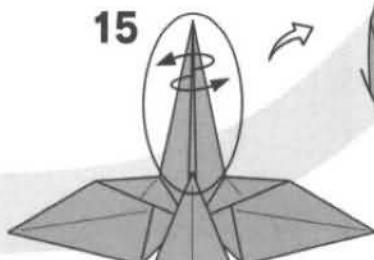
**10**  
内側をひろげて  
つぶすように折る  
Fold like a bird base.



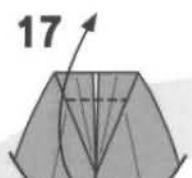
**13**  
カドとカドを結ぶ線で折って  
内側をひろげてつぶすように折る  
Narrow down along the line connecting the corners and squash.



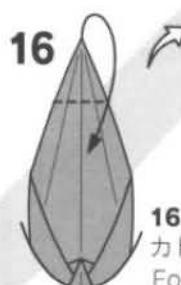
**14**  
カドを下の  
すき間に差し込む  
Tuck the corners inside.



**15**  
内側をひろげる  
Open the top corner.

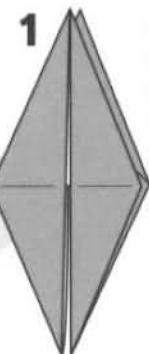


**17**  
カドを上に折る  
Fold up.

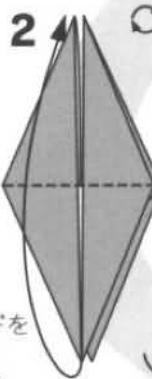


**16**  
カドを下に折る  
Fold down.

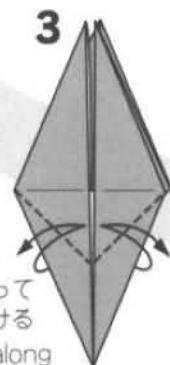
## [こと座] Lyra



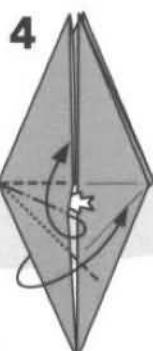
P. 8 [鶴の基本形]  
からはじめる  
Start with  
[Bird Base] (P. 8)



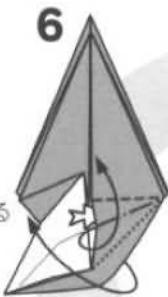
2  
下のカドを  
1枚だけ  
上に折る  
Swivel up.



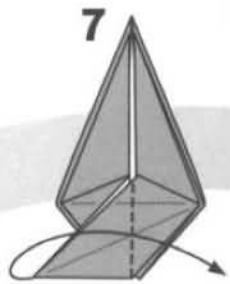
3  
下の縁に沿って  
折り筋をつける  
Precrease along  
the edges.



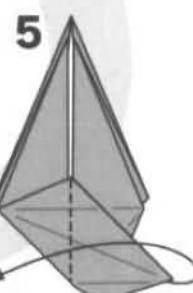
4  
内側をひろげて  
つぶすように折る  
Open and squash.



6  
内側をひろげて  
つぶすように折る  
Open and  
squash.



7  
反対側へ折る  
Swivel to the right.



5  
反対側へ折る  
Swivel to the left.



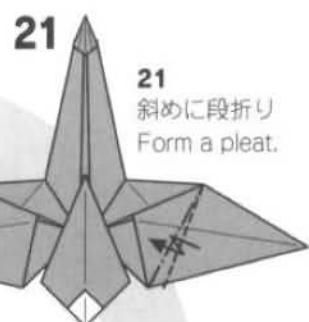
18  
縁と縁を合わせて  
内側をひろげて  
つぶすように折る  
Open and squash.



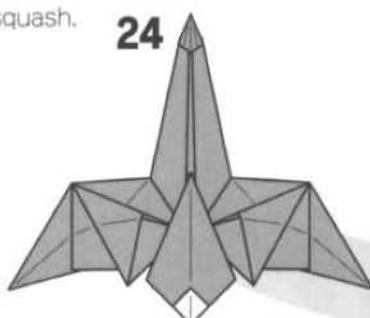
19  
カドを反対側に折る  
Swivel to the right.



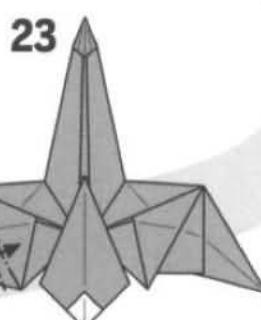
20  
反対側も18~19と同じ  
Repeat 18~19 on  
the left.



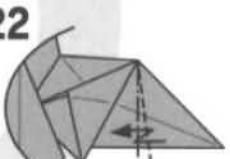
21  
斜めに段折り  
Form a pleat.



[はくちょう座]のできあがり  
[Cygnus] Completed

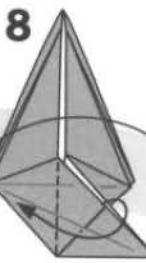


23  
反対側も  
21~22と同じ  
Repeat 21~22 on the left.

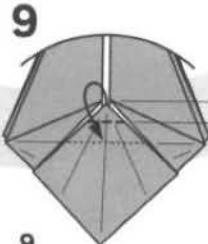


22  
斜めに段折り  
Form another  
pleat.

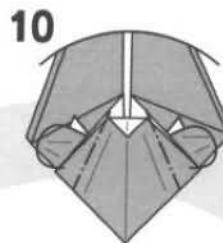
### 3 宇宙／わし座・はくちょう座・こと座・さそり座



**8**  
内側をひろげて  
つぶすように折る  
Open and squash.



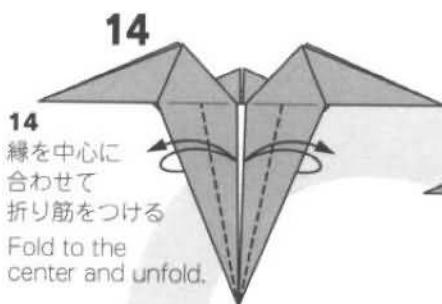
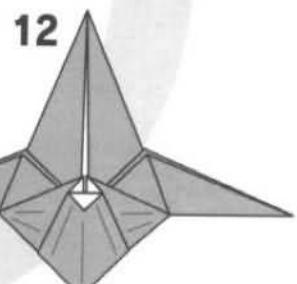
**9**  
カドを少し折る  
Fold down the tip.



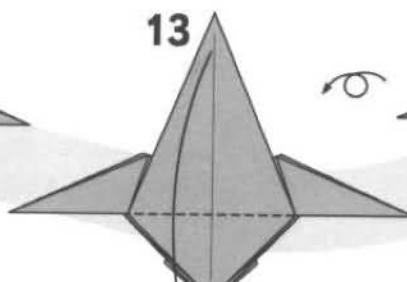
**10**  
折り筋に平行に  
カドを後ろへ折る  
Mountain fold the corners  
along the lines parallel  
with the existing crease lines.



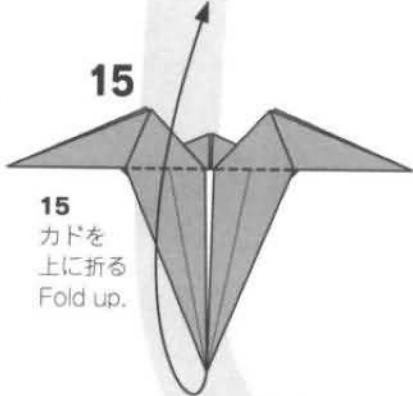
**11**  
それぞれ中わり折り  
Inside reverse  
folds.



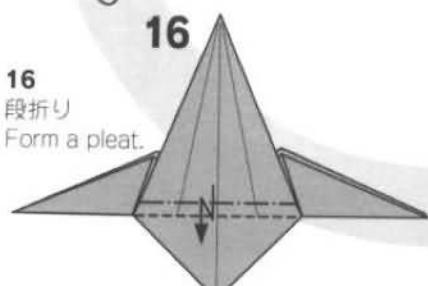
**14**  
縁を中心  
合わせて  
折り筋をつける  
Fold to the  
center and unfold.



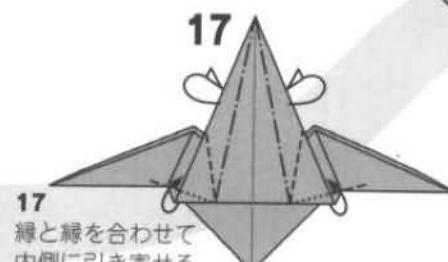
カドを下に折る  
Fold down.



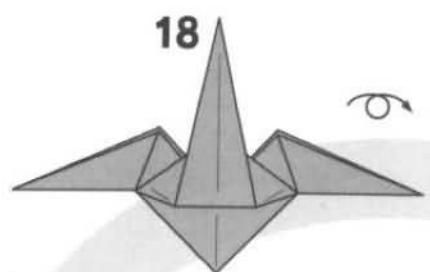
**15**  
カドを  
上に折る  
Fold up.

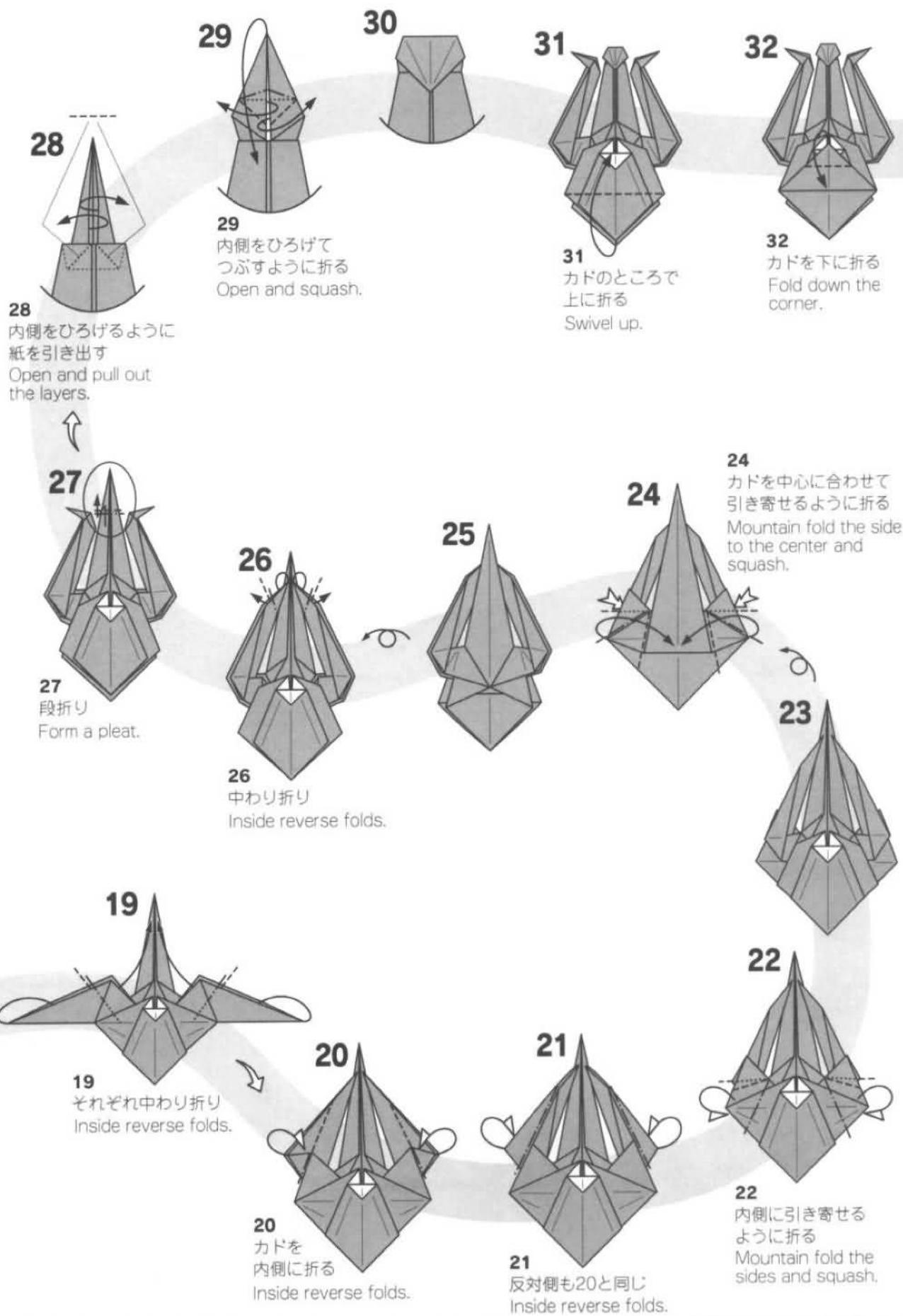


**16**  
段折り  
Form a pleat.

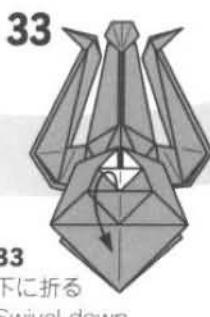


**17**  
縁と縁を合わせて  
内側に引き寄せる  
ように折る  
Mountain fold and slide the  
layers on the sides.

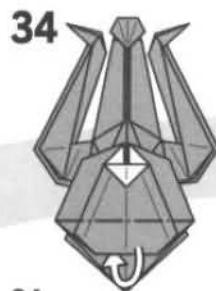




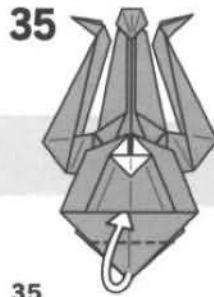
### 3 宇宙／わし座・はくちょう座・こと座・さそり座



33  
下に折る  
Swivel down.



34  
下のすき間に折り込む  
Tuck inside the bottom corner of the top layer.



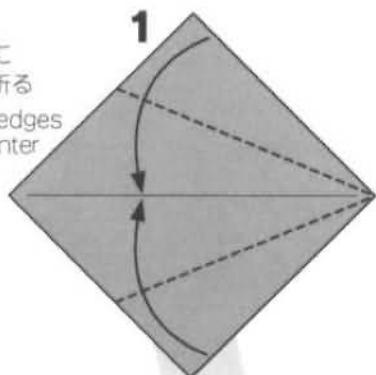
35  
カドをすき間に差し込む  
Tuck the bottom corner inside.



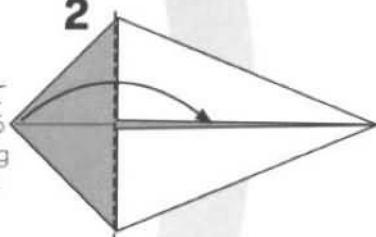
[こと座]のできあがり  
[Lyra] Completed

### [さそり座] Scorpius

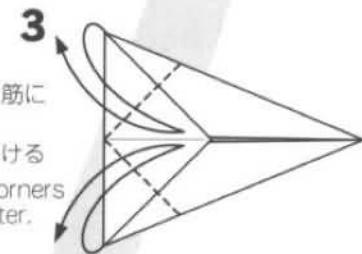
1  
縁を中心に  
合わせて折る  
Fold the edges to the center line.



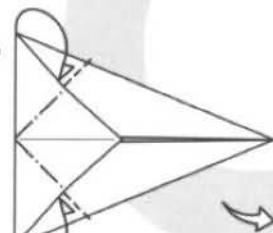
2  
縁に沿って  
カドを折る  
Fold along the edge.



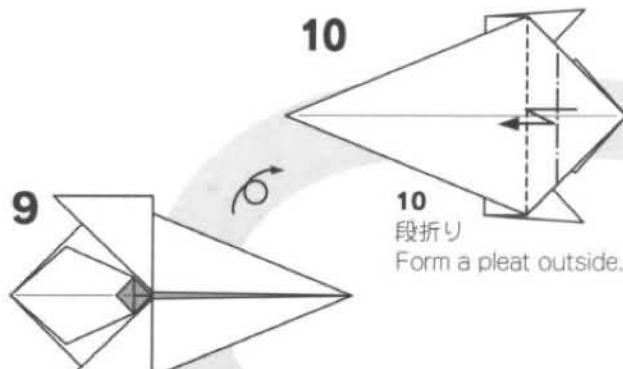
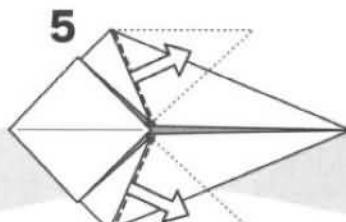
3  
カドを折り筋に  
合わせて  
折り筋をつける  
Fold the corners to the center.



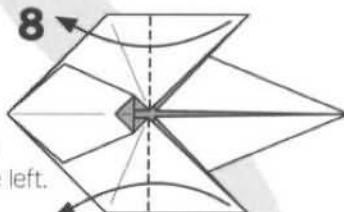
4  
カドを内側に折る  
Inside reverse folds.



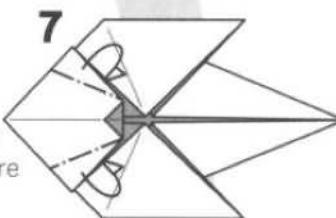
5  
内側の部分を引き出す  
Pull out the layers



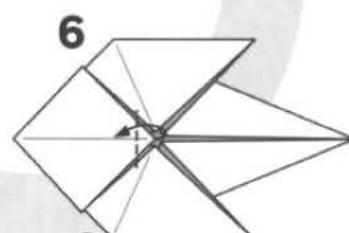
8  
カドを  
反対側に折る  
Swivel to the left.

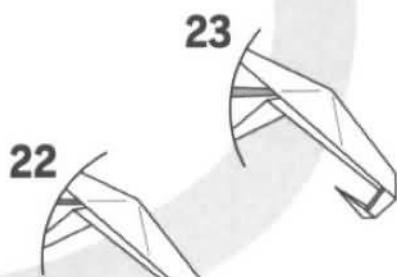
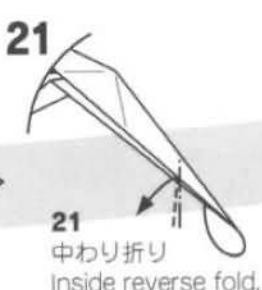
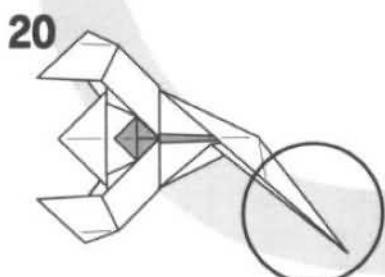
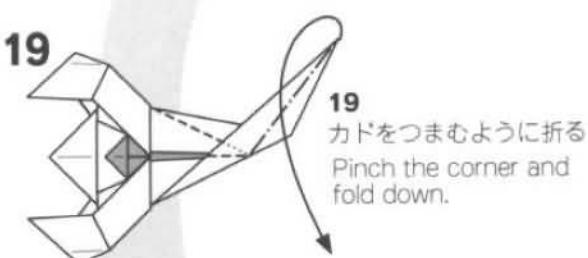
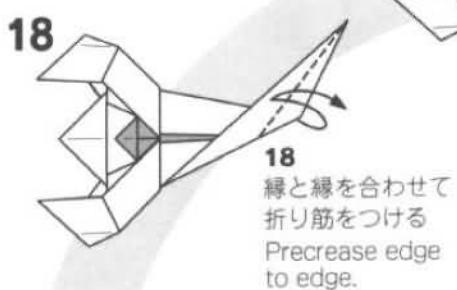
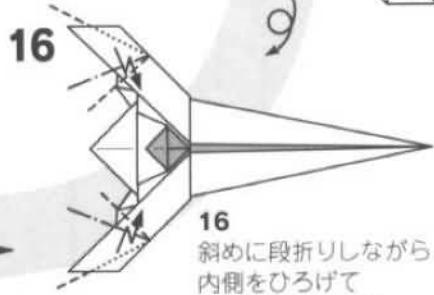
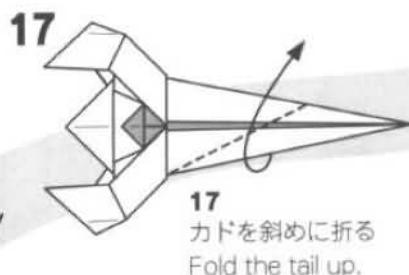
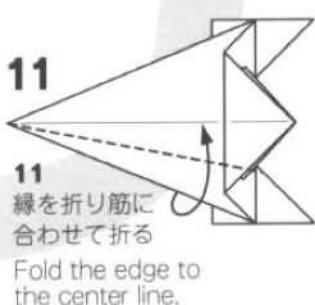
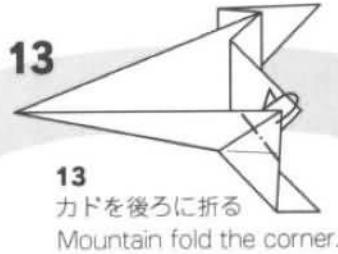
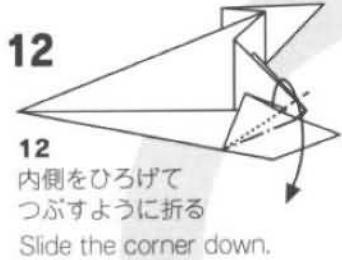


7  
カドを後ろに折る  
Narrow the square of the top layer.



6  
カドを少し折る  
Valley fold the tip of the corner.



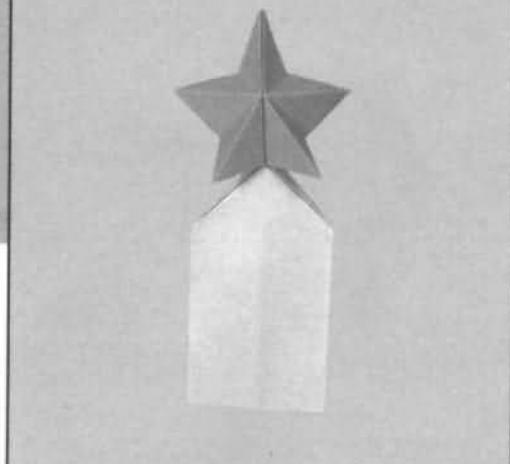


# 星の短冊

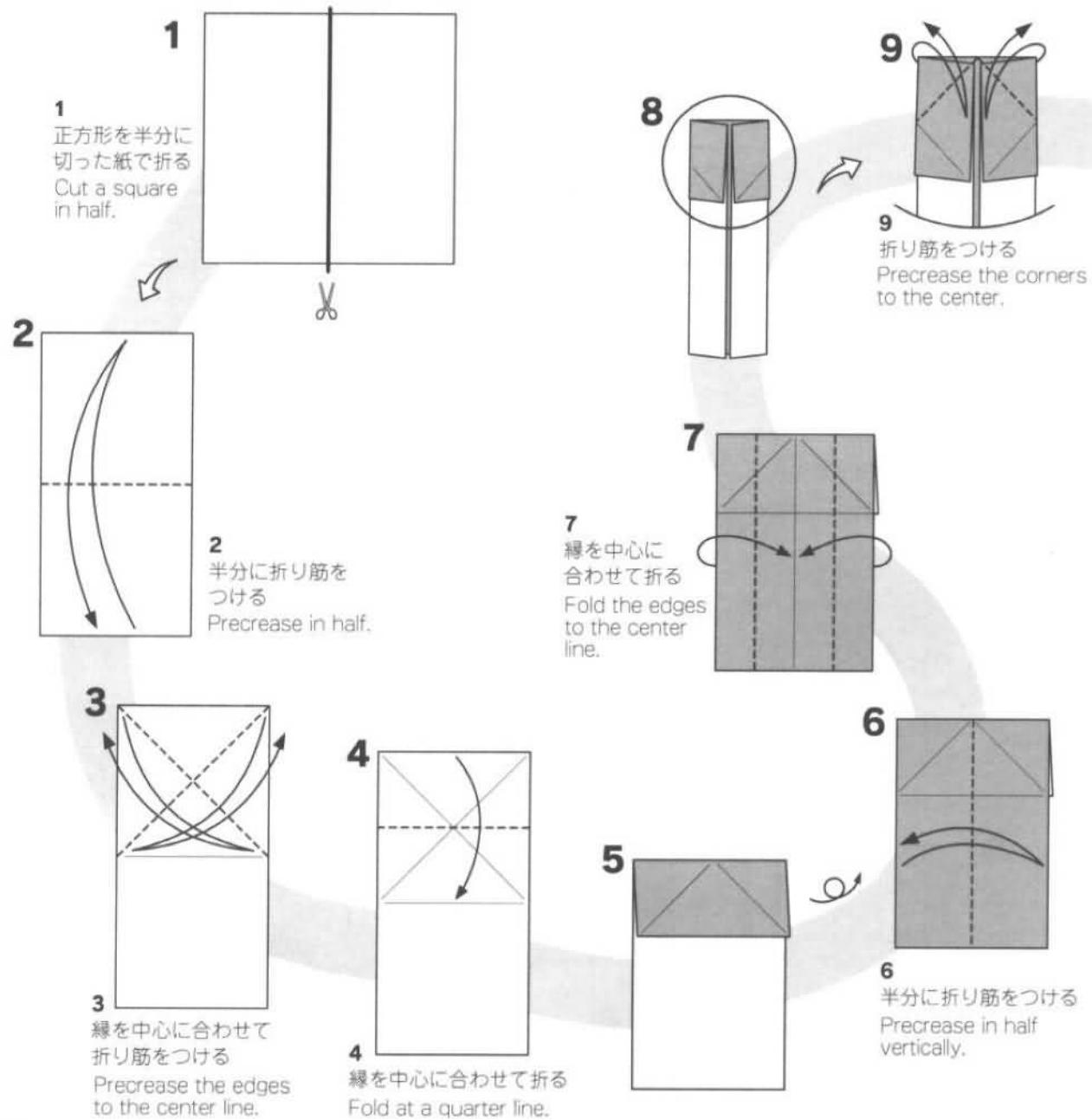
## A Strip of Paper with a Star

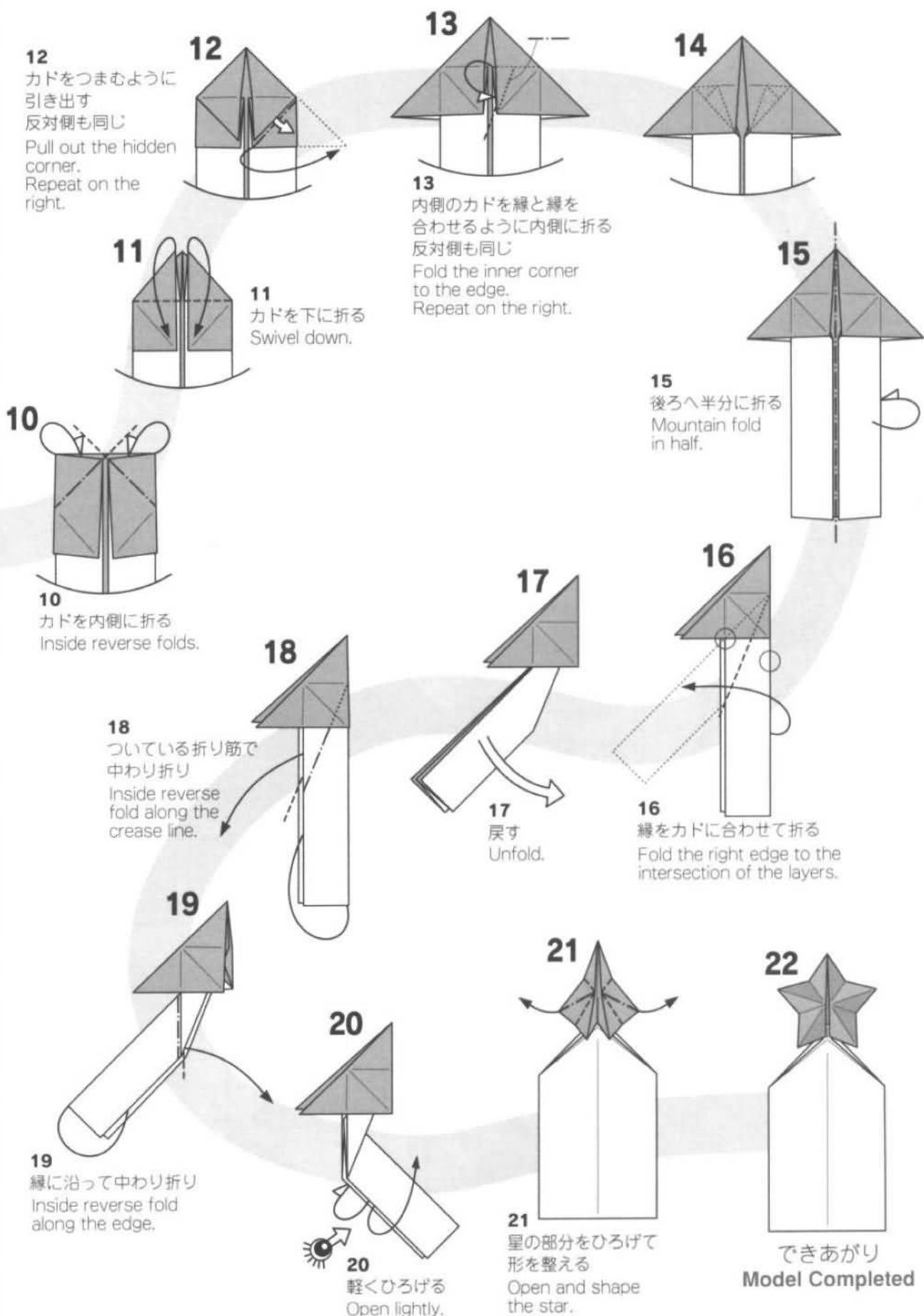
前川淳さんの1:2の長方形で作るエレガントな“星”へのオマージュです。短冊にすることで実用性(?)を付加してみました。実際、家族にはすこぶる好評で毎年七夕近くになると何十個も折ることになります。

This is an hommage to Maekawa's Star. It is very convenient as the decoration for the Star Festival (July 7th) season.



Created 1995 | Paper 不切長方一枚折り: 1 piece





#### 4 面／ピエロ (フリルバージョン／帽子バージョン)

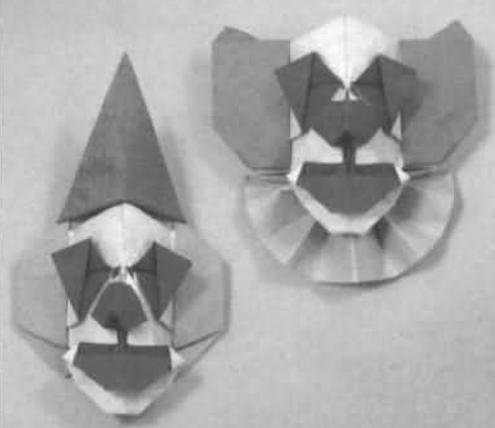
# ピエロ

(フリルバージョン／帽子バージョン)

## Clown (A Frilled Version / A Hatted Version)

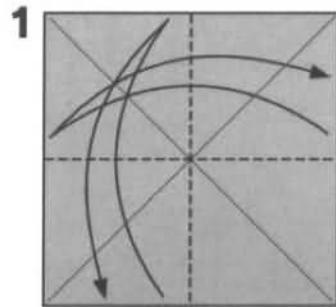
私の創作折り紙との最初の出会いは、河合豊彰先生の「おりがみ」(カラー ブックスシリーズ 保育社)です。折り紙で面を作ることの大切さを河合先生の作品群から教わったのだと思います。いろんな形から顔を“見立てる”姿勢がトラや本作を生む出発点になっています。

I first came across with the original origami models through Toyoaki Kawai's *Origami*. Kawai taught me the importance of origami masks and initial diagnosing of the target through his works.

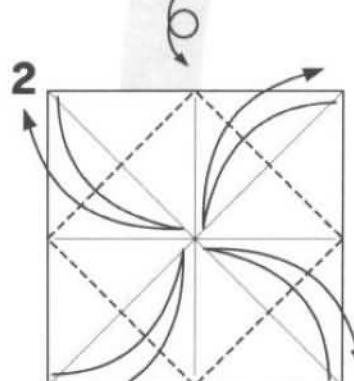


Created 1984 Paper 複合作品・各2枚 : 2 pieces

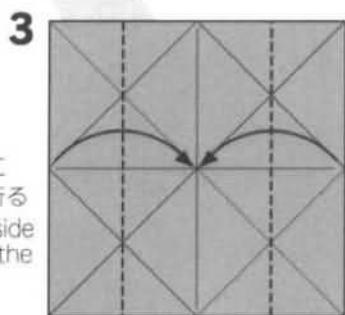
### 【顔】 Face (Common Item)



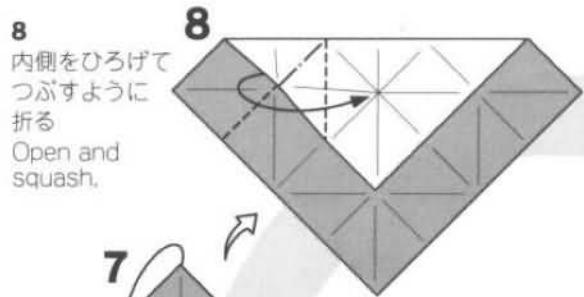
1  
縦横半分に  
折り筋をつける  
Fold in halves.



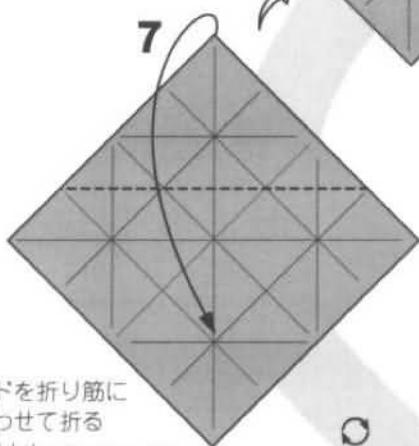
2  
カドを中心  
に合わせて  
折り筋をつける  
Precrease the  
corners to the  
center.



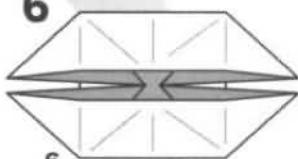
3  
縁を中心に  
合わせて折る  
Fold the side  
edges to the  
center.



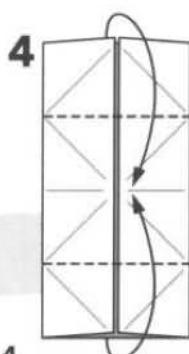
8  
内側をひろげて  
つぶすように  
折る  
Open and  
squash.



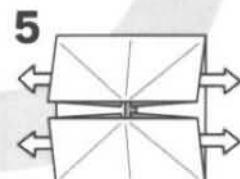
7  
カドを折り筋に  
合わせて折る  
Fold the top corner  
to the first crease line  
from the bottom.



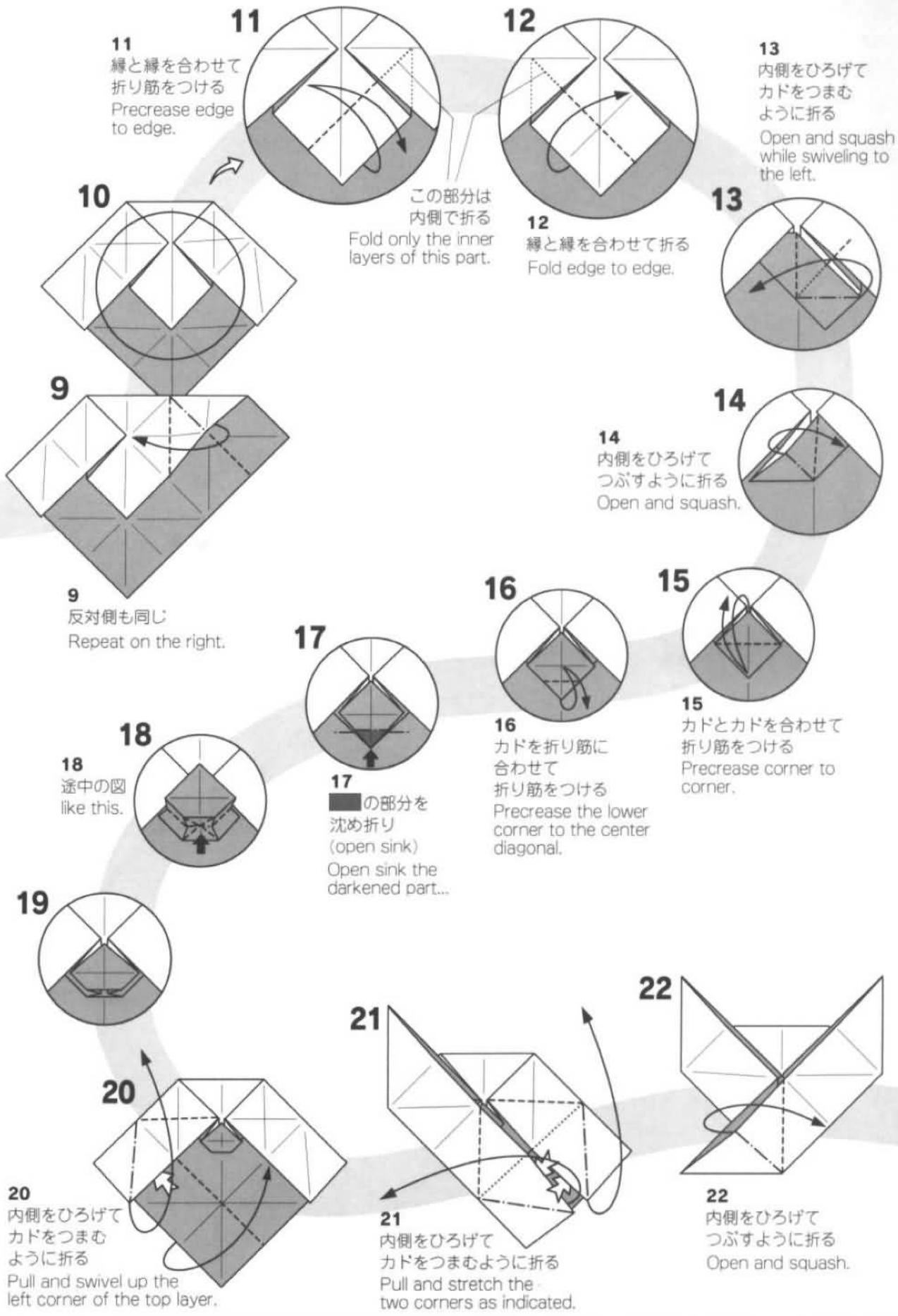
6  
全部ひろげる  
Unfold everything.



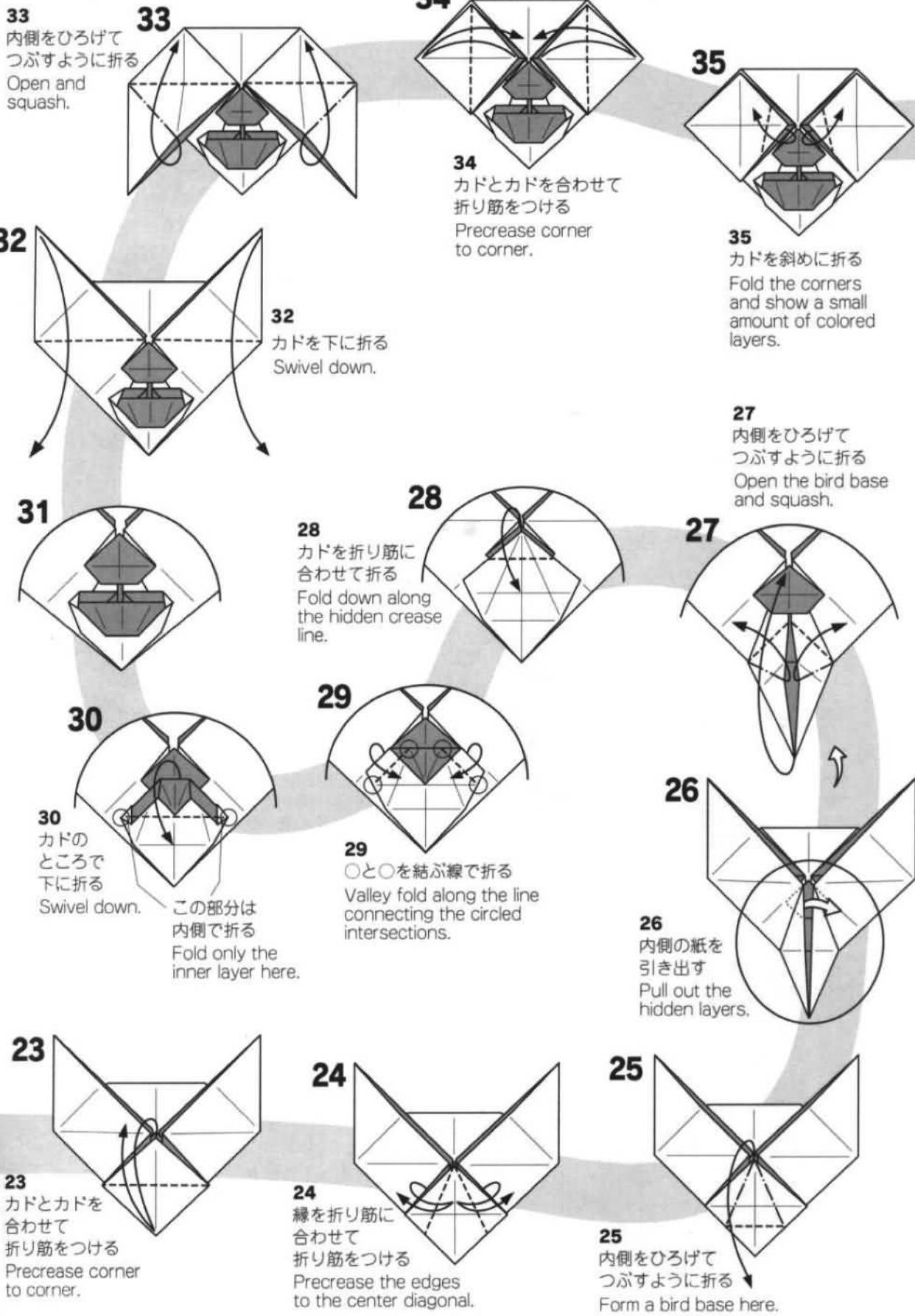
4  
縁を中心に合わせて折る  
Fold the horizontal edges  
to the center.

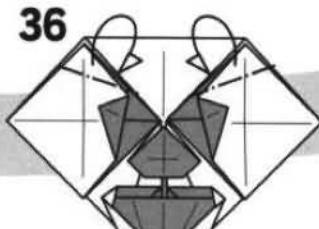


5  
カドを引き出して  
つまむように折る  
Pull out the corners.

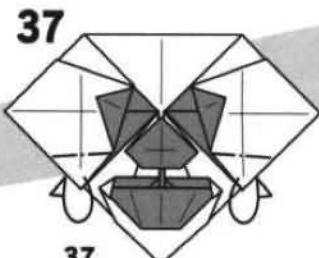


## 4 面／ビエロ（フリルバージョン・帽子バージョン）

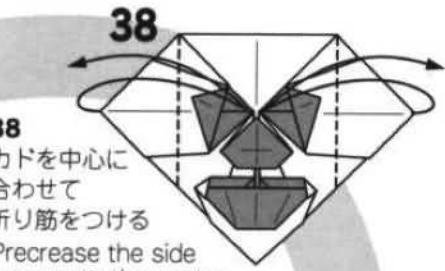




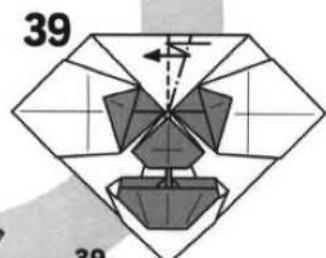
**36**  
カドを後ろへ折る  
Mountain fold the top corner.



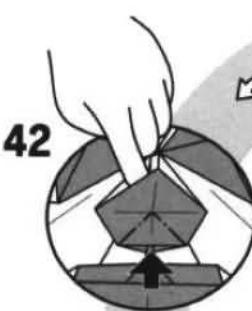
**37**  
カドを後ろへ折る  
Mountain fold the lower corner.



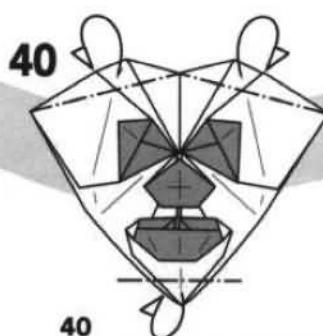
**38**  
カドを中心  
に合わせて  
折り筋をつける  
Precrease the side  
corners to the center.



**39**  
斜めに段折りして  
顔の部分が立体に  
なるようにする  
Form a pleat and  
make the face  
three-dimensional.



**42**  
内側をひろげて  
矢印の部分をかるく  
押しつぶす  
Insert a finger into the  
opening on the top of  
the nose and squash  
the bottom of it.



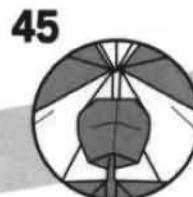
**40**  
それぞれカドを後ろへ折る  
Mountain fold the  
three corners.



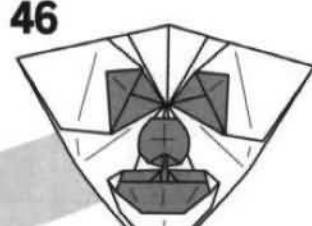
**43**  
鼻に丸みが  
出るように  
形を整える  
Shape the nose.



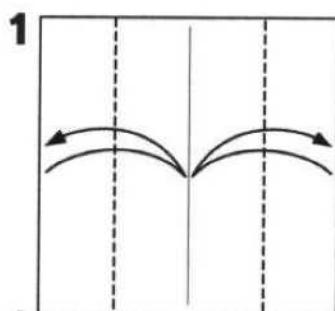
**44**  
カドを少し後ろへ折る  
Mountain fold the top  
corner of the nose.



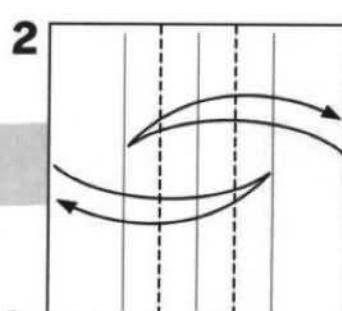
[顔]のできあがり  
[Face] Completed



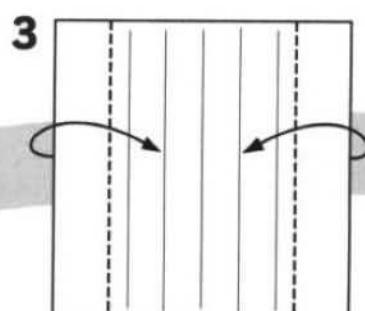
### [フリルバージョン] A Frilled Version



**1**  
中心に合わせて折り筋をつける  
Precrease the side edges to  
the center.

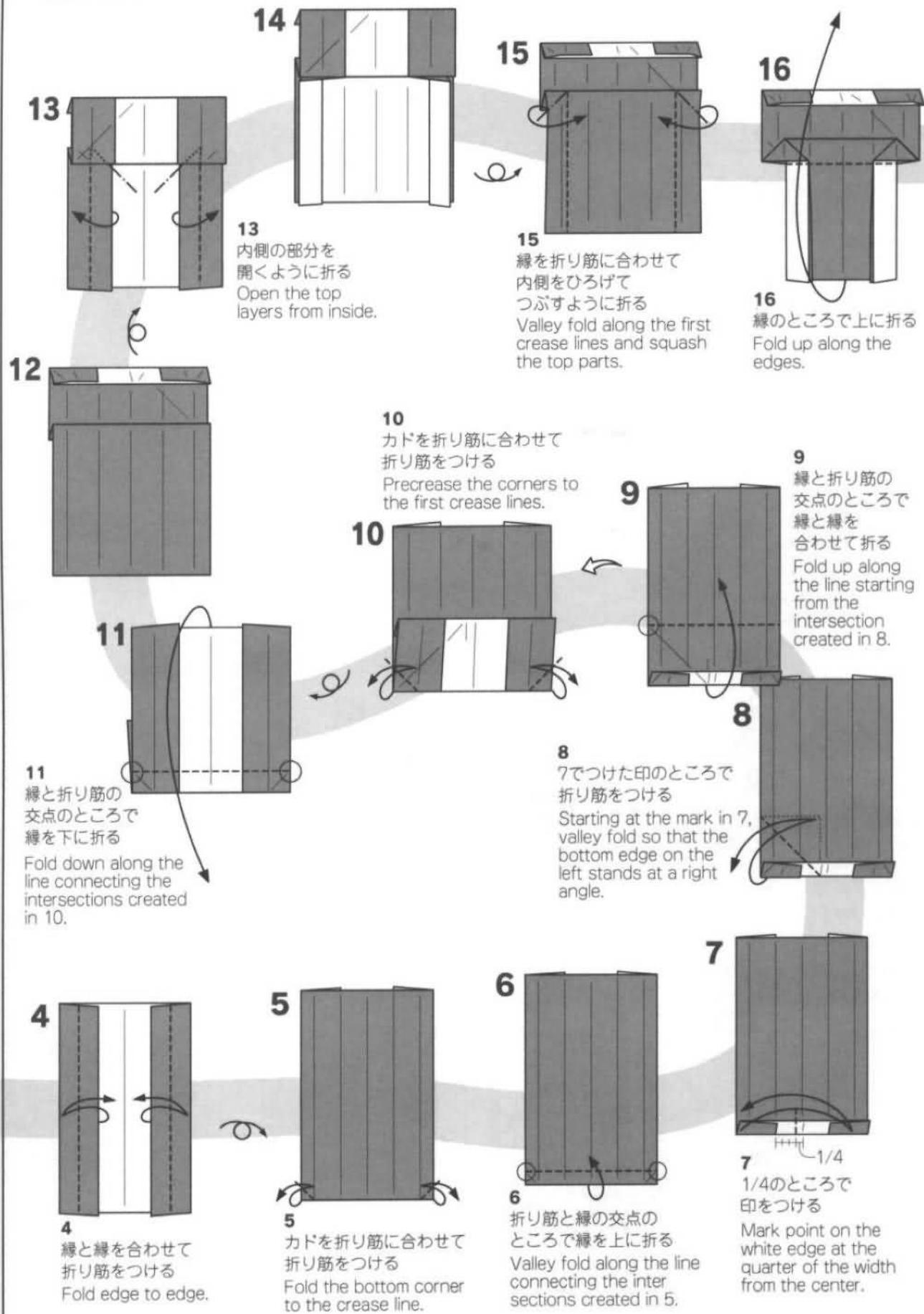


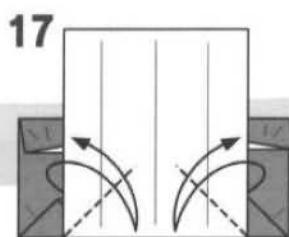
**2**  
つけた折り筋に合わせて折り筋をつける  
Precrease the side edges  
to the crease lines in 1 on the far sides.



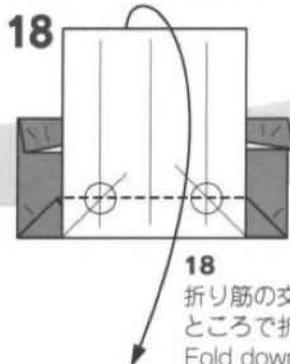
**3**  
つけた折り筋に合わせて折る  
Fold the side edges to the  
crease lines in 2 on the near  
sides.

#### 4 面／ピエロ（フリルバージョン・帽子バージョン）

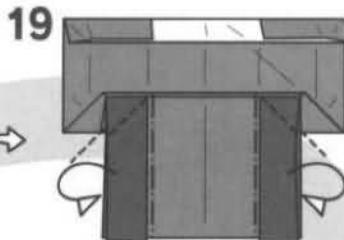




**17**  
縁と縁を合わせて  
折り筋をつける  
Precrease along  
the angle bisectors.



**18**  
折り筋の交点の  
ところで折る  
Fold down along the  
line connecting the  
intersections  
created in 17.

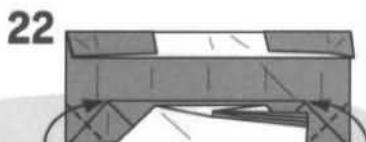
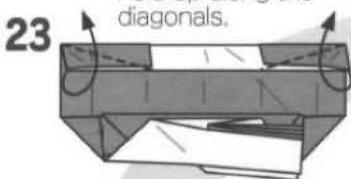


**19**  
■の部分を  
後ろへ折る  
Mountain fold the  
darkened parts.

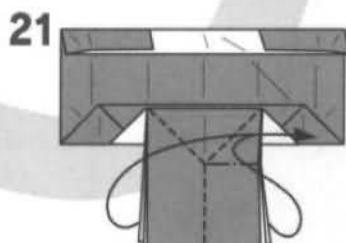


**20**  
縁と縁を合わせて  
折り筋をつける  
Precrease edge  
to edge.

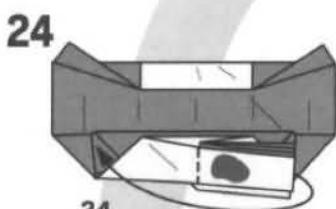
**23**  
カドを結ぶ線で  
上に折る  
Fold up along the  
diagonals.



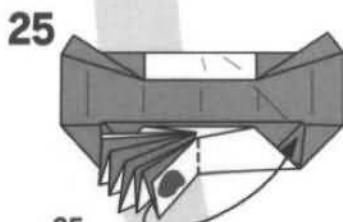
**22**  
カドとカドを合わせて折る  
Valley fold the corners  
to the first crease line.



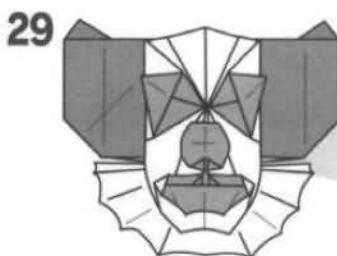
**21**  
つけた折り筋を  
使って折りたたむ  
Form a rabbit-ear.



**24**  
■の部分でのり付け  
Glue the darkened  
part to the left.

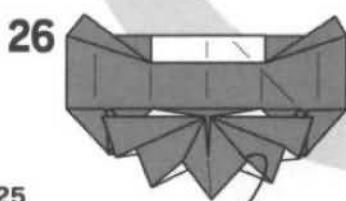


**25**  
反対側も同じようにのり付け  
Repeat on the right.

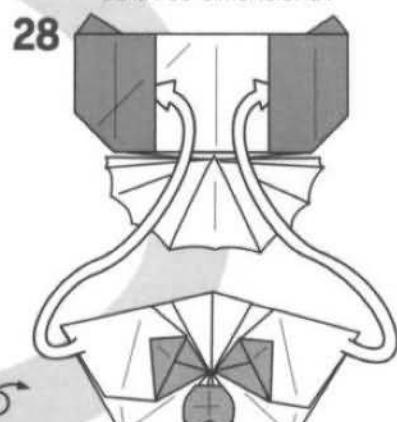
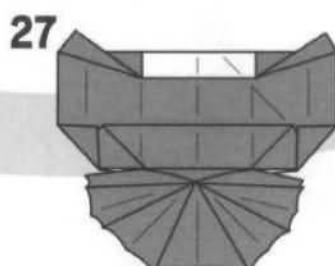


[フリルバージョン]  
のできあがり  
[A Frilled Version]  
Completed

顔を差し込むと  
顔に丸みが出て  
立体的になる  
The result naturally will  
be three-dimensional.



**25**  
襟の部分をひろげる  
Open and shape the frill.



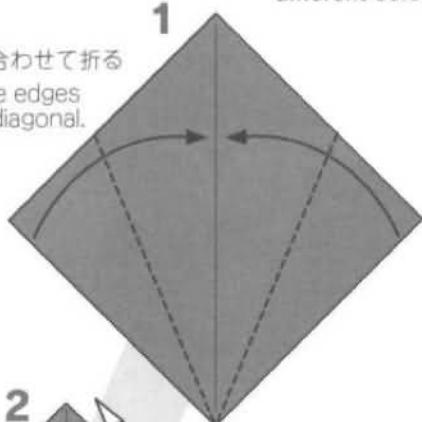
**28**  
カドを  
すき間に差し込む  
Insert the corners  
into the pockets.

## 4 面/ピエロ (フリルバージョン・帽子バージョン)

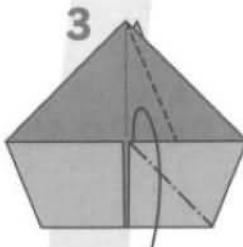
### [帽子バージョン] A Hatted Version

※両面の折り紙用紙を使う  
Use paper with  
different-colored sides.

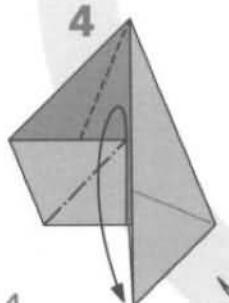
- 1 中心に合わせて折る  
Fold the edges to the diagonal.



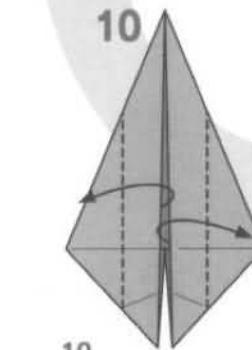
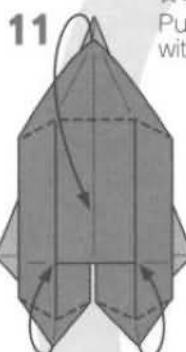
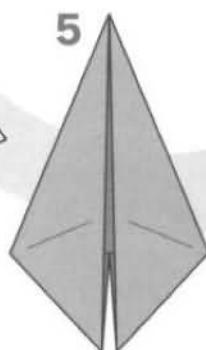
- 2 カドとカドを  
合わせて  
後ろへ折る  
Fold up corner to corner.



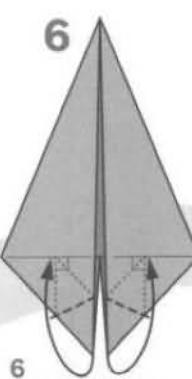
- 3 カドをつまむ  
ように折る  
Swivel down and squash.



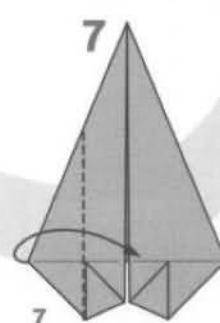
- 4 反対側も同じ  
Repeat on the left.



- 5 つけた折り筋を使って  
内側をひろげる  
Open from the inside  
along the crease lines.



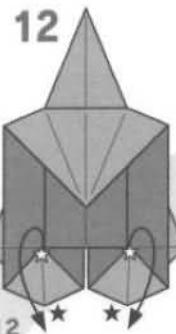
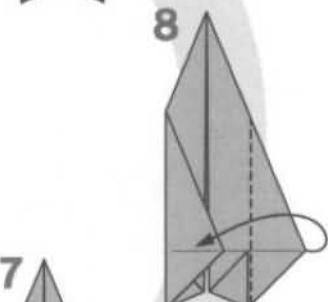
- 6 カドを折り筋に  
合わせて上へ折る  
Fold up the corners  
to the crease line.



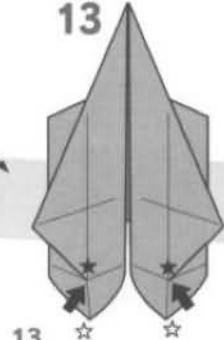
- 7 6で折ったカドの  
縁のところで折る  
Fold along the edge  
created in 6.



- 8 反対側も同じ  
Repeat on  
the right.

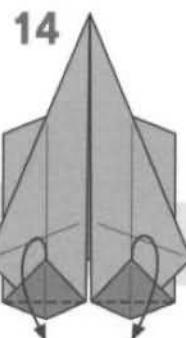


- 12 ☆のカドを持ち上げる  
Pull up the corners  
with white stars.

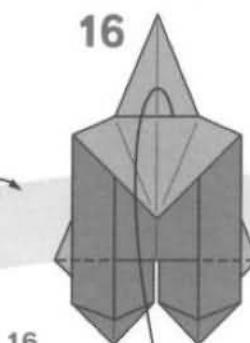
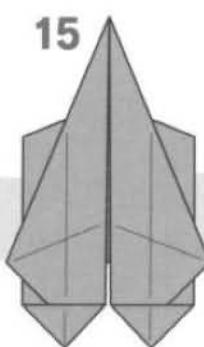


- 13 黒矢印の部分を押し  
込んで☆のカドを裏返す  
Push in the corners  
with dark stars and  
form outside reverse  
folds on the corners  
with white stars.

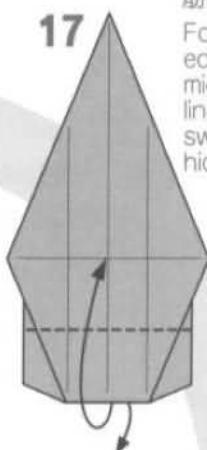
- 11 持ち上がった部分を  
つぶすように折る  
Squash the pulled-up  
parts.



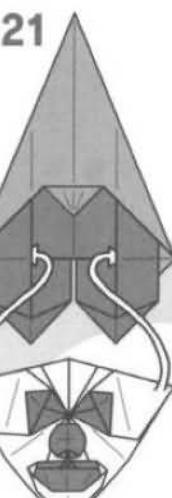
14  
カドのところで下に折る  
Swivel down the corners.



16  
開くところで縁を下に折る  
Swivel down where it opens.

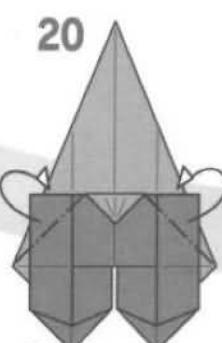


17  
後ろのカドを出しながら縁を折り筋に合わせて折る  
Fold the bottom edge to the middle crease line while swiveling the hidden corner.

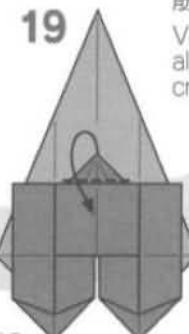


21  
顔を差し込む  
Insert the face in the pockets of the hat.

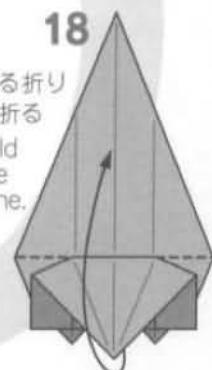
顔を差し込むと  
顔に丸みが出て  
立体的になる  
The result  
naturally will be  
three-dimensional.



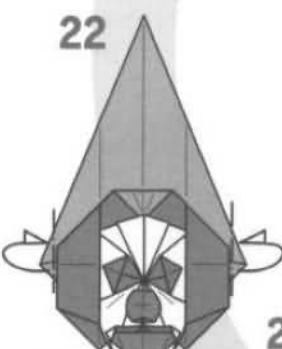
20  
カドを後ろへ折る  
Mountain fold the corners.



19  
カドを縁のところで下に折る  
Fold down along the edge.



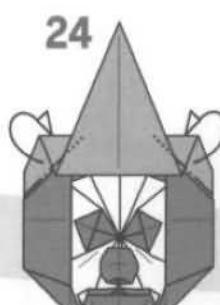
18  
ついている折り筋で上に折る  
Valley fold along the crease line.



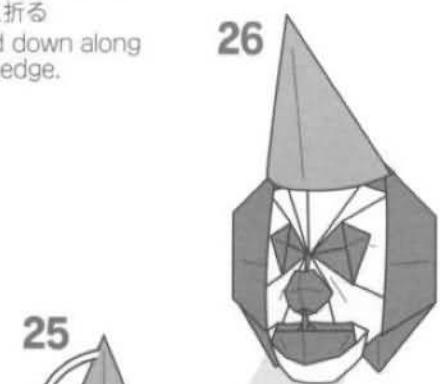
22  
カドを後ろへ折る  
Mountain fold the corners.



23  
段折り  
Form a pleat.



24  
カドを後ろへ折る  
Mountain fold the corners.



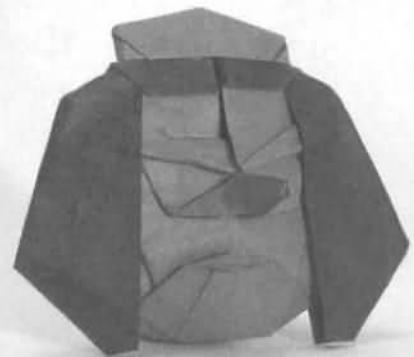
25  
帽子を前に引き出す  
Slide the hat to the front.  
[帽子バージョン] のできあがり  
[A Hatted Version] Completed

# 天 狗

Tengu  
(A Japanese Legendary Mountain Goblin)

紙の中央から唇のパターンが自然に出来上がるのが本作のポイントです。次の仮面にも用いた鼻と口のテクニックの原点がこの天狗です。

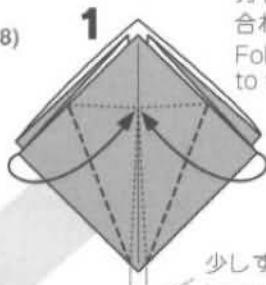
Note the design of jaws and the nose, which are formed out of the central part of the sheet. I got inspired about the methods of folding the upper and lower jaws when I was making this model.



Created 1981 Paper 不切正方一枚折り: 1 piece

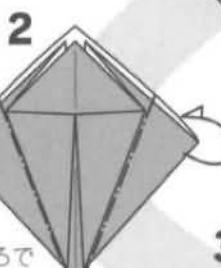
P.8 [正方形基本形] からはじめる

Start with  
[Preliminary Base] (P. 8)



1 カドを中心  
に合わせて折る  
Fold the side corners  
to the center diagonal.

少しすき間を開ける  
Leave a small amount  
intact at the bottom.



2 線のところで  
後ろに折る  
Fold along  
the edges.



3 内側の紙を引き出す  
Pull out the hidden  
corners...



4 途中の図  
like this.



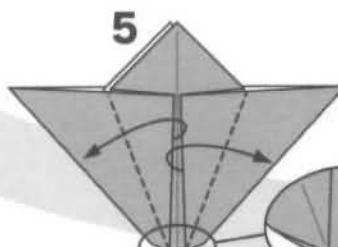
黒矢印の部分を押し込んで

つぶすように折る

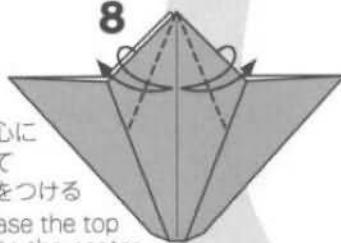
Spread sink the arrowed area  
around the bottom corner.

5

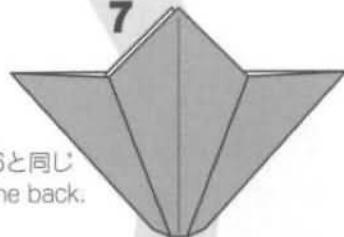
ついている折り筋で折る  
Valley fold along the crease lines.



8 縁を中心に  
合わせて  
折り筋をつける  
Precrease the top  
edges to the center  
line.

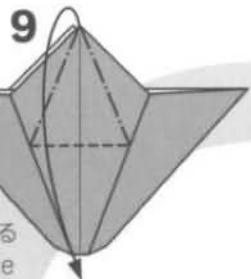
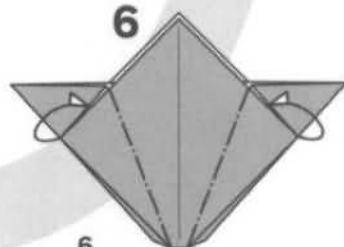


7 反対側も5~6と同じ  
Repeat on the back.

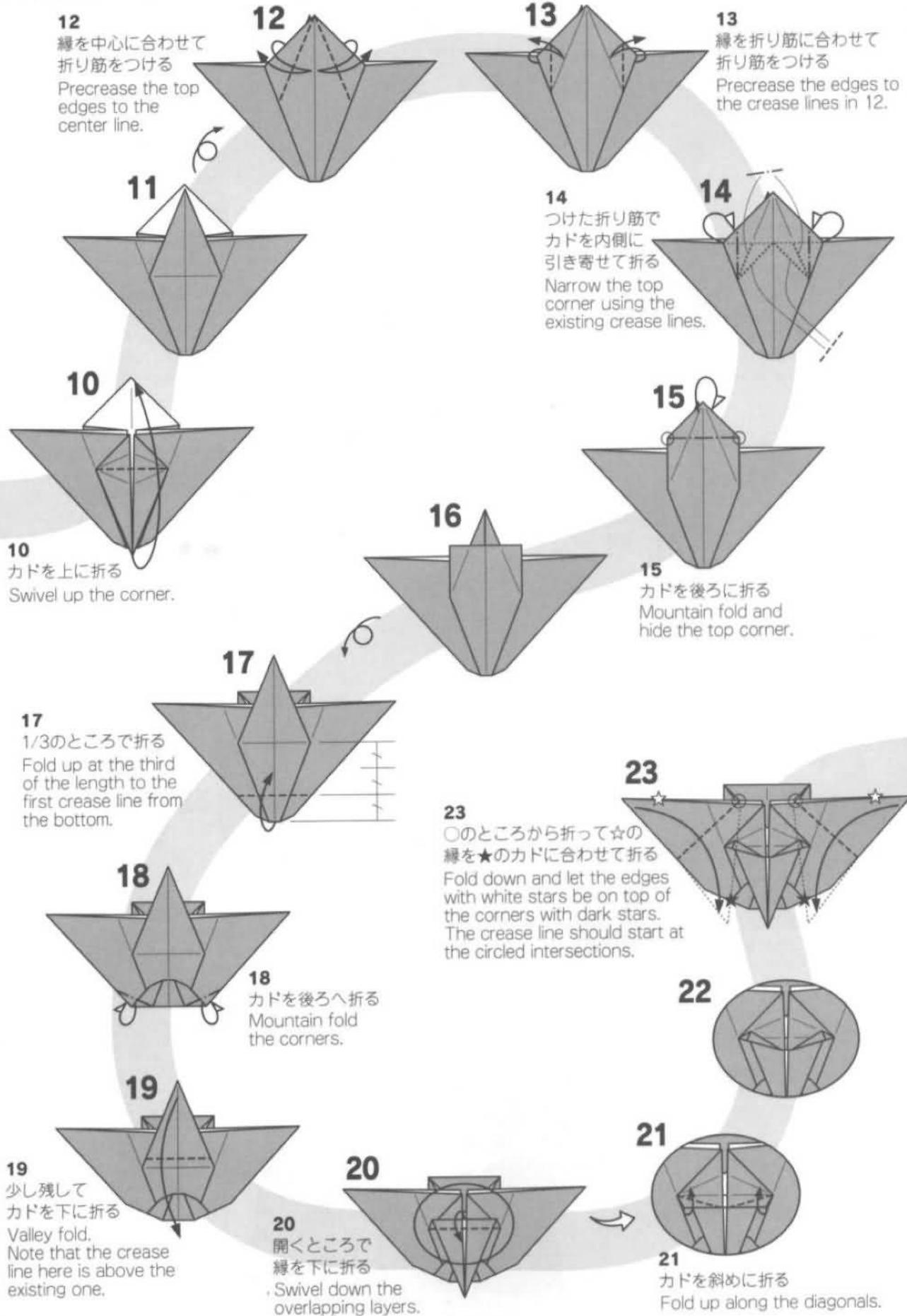


6

カドを内側に折る  
Inside reverse folds.

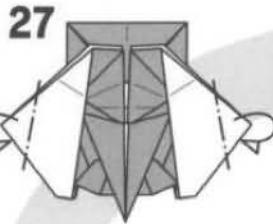


9 内側をひろげて  
つぶすように折る  
Swivel down like  
a bird base.

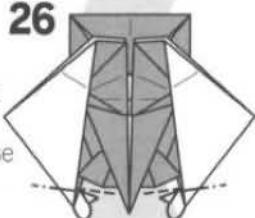


## 4 面／天狗

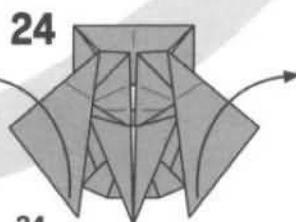
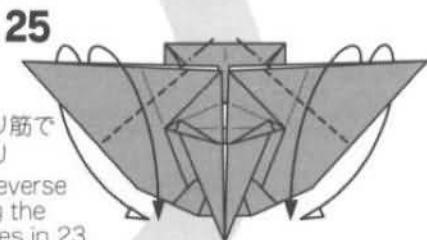
**27**  
カドを後ろへ折る  
Mountain fold  
the side corners.



**26**  
カドを内側に  
折る  
Inside reverse  
folds.

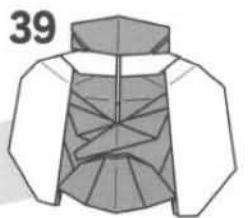
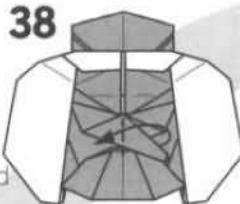


**25**  
つけた折り筋で  
かぶせ折り  
Outside reverse  
fold using the  
crease lines in 23.



**24**  
折り筋をつけてから戻す  
Unfold.

**38**  
鼻を起こす  
The nose  
should stand  
up.

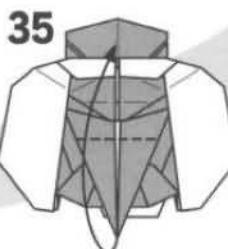
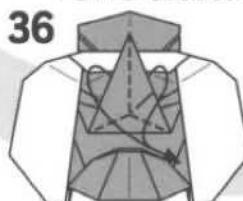


できあがり  
Model Completed

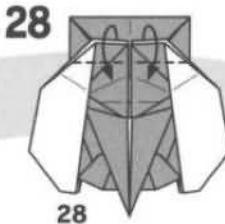


**37**  
カドを内側に折る  
Inside reverse fold.

**36**  
カドをつまむ  
ように折る  
Form a rabbit ear.

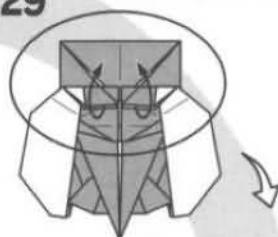


**35**  
カドを上に折る  
Swivel up.



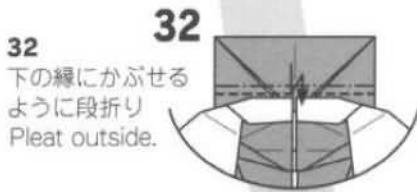
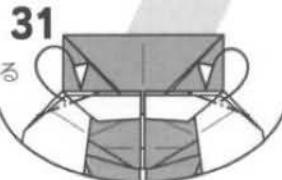
**28**  
縁を下へ折る  
Swivel down  
the layers.

**29**  
折り筋をつけてから  
上の1枚だけ戻す  
Unfold only the top layer.

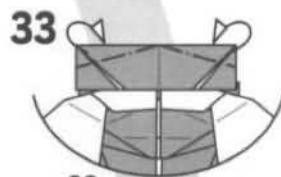


**30**  
すき間に差し込む  
Tuck the top  
layer inside.

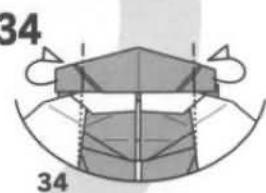
**31**  
カドを後ろへ折る  
Mountain fold  
the corners.



**32**  
下の縁にかぶせる  
ように段折り  
Pleat outside.



**33**  
カドを後ろへ折る  
Mountain fold  
the corners.



**34**  
後ろへ折って留める  
Mountain fold and  
lock the cap.

# 仏面

## Buddha

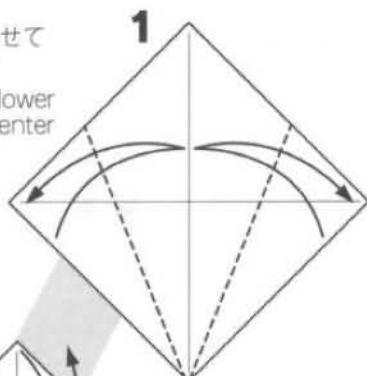
広隆寺の弥勒菩薩像をモチーフにしています。仏面は、ちょっとした折りの違いで印象の異なる表情に仕上がります。図で工程を理解したら、気に入った表情を得るために鼻や頬の分量を工夫してみてください。

This model is based on the Mytraya statue in Koryu-Ji. You can shape the expressions of the mask by changing the size of the nose and the lower jaw.

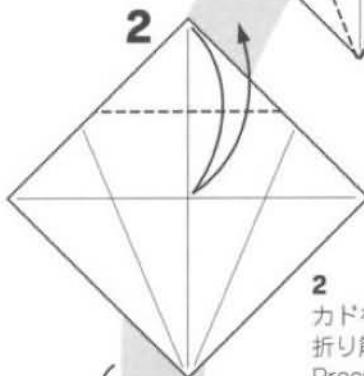


Created 1983 Paper 不切正方一枚折り: 1 piece

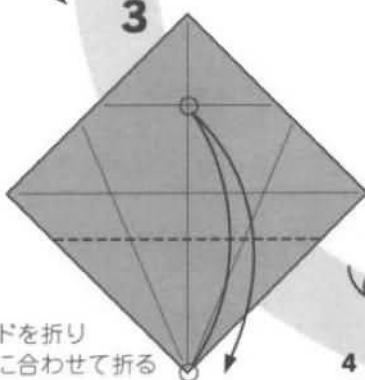
1  
縁を中心に合わせて  
折り筋をつける  
Precrease the lower edges to the center diagonal.



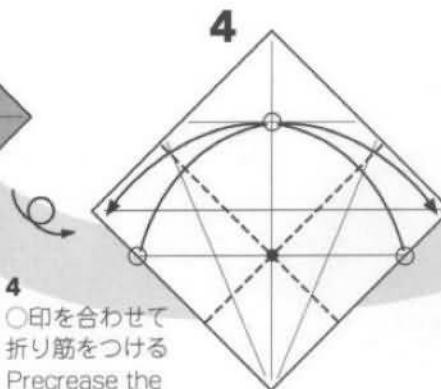
2  
カドを中心合わせて  
折り筋をつける  
Precrease the top corner to the center.



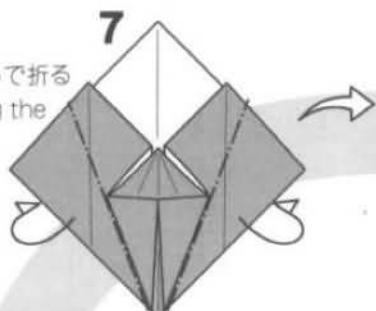
3  
カドを折り  
筋に合わせて折る  
Precrease the bottom corner to the intersection created in 2.



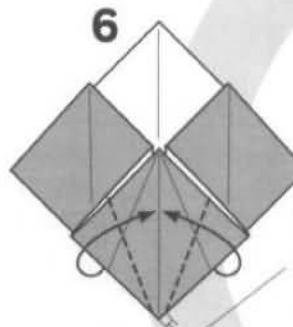
4  
○印を合わせて  
折り筋をつける  
Precrease the intersections created in 3 to the intersection created in 2.



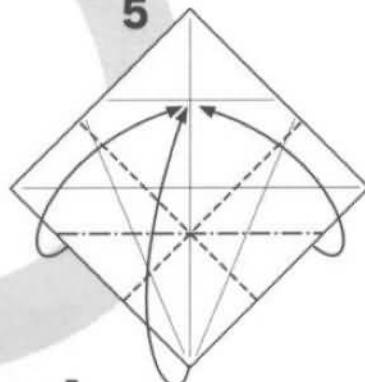
7  
縁のところで折る  
Fold along the edges.



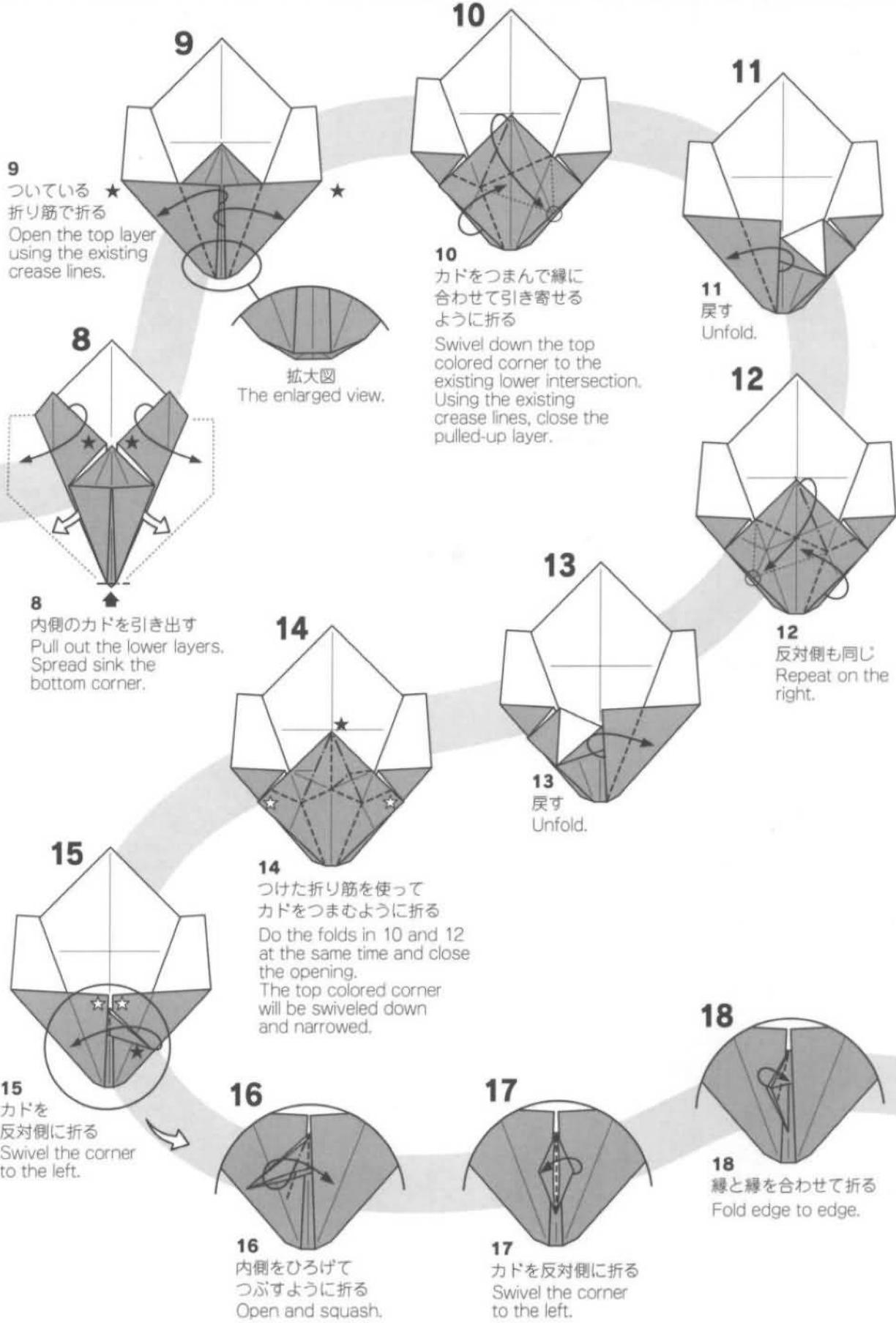
6  
ここを少し開けて折る  
Fold the side corners to the center.  
Leave the small area around the bottom corner intact.



5  
ついている折り筋で折りまとめる  
Using existing crease lines, form a kind of deformed preliminary base.

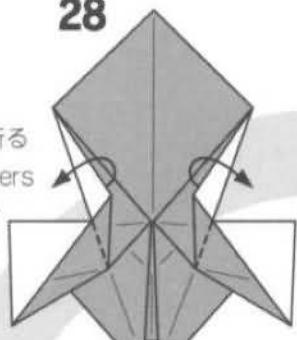


## 4 面/仏面



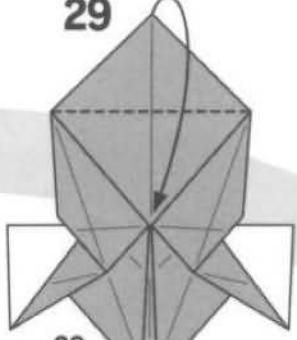
28

開くところで折る  
Open the layers on the sides.



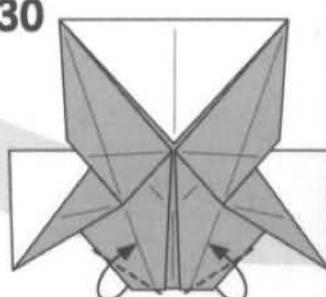
29

カドとカドを  
結ぶ線で折る  
Fold the top corner to the intersection at the center.



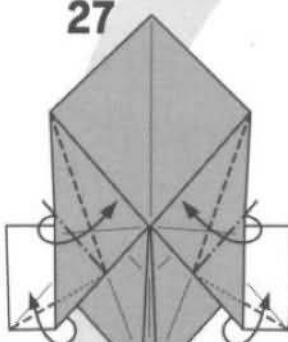
30

縁を折り筋に  
合わせて折る  
Fold the edges to the crease lines.

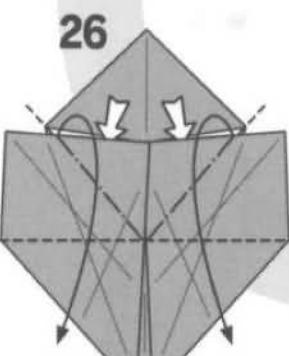


27

カドを細くするように  
つまんで引き寄せる  
Narrow the upper  
side corners and slide  
the pulled-up layers.



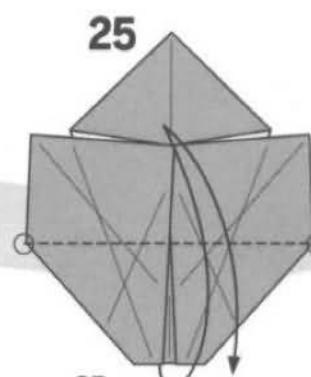
27



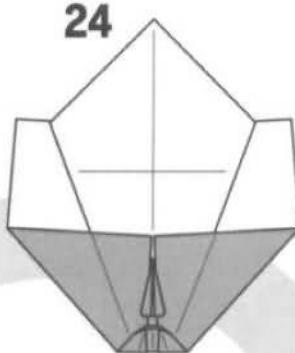
内側をひろげて  
カドをつぶす  
ように折る  
Swivel down,  
open and squash.

25

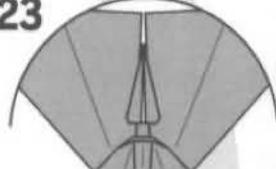
カドとカドを結ぶ線で  
折り筋をつける  
Precrease along the line  
connecting the corners.



24

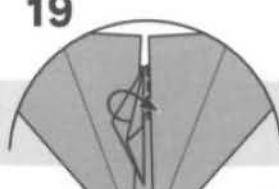


23



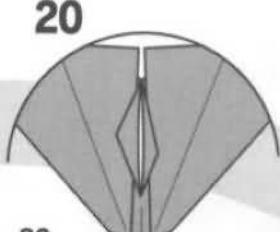
19

カドを反対側に折る  
Swivel the corner to the right.



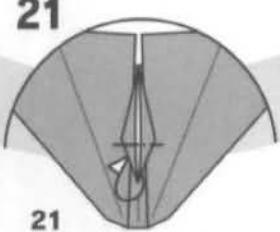
20

反対側も17~19と同じ  
Repeat 17~19  
on the left.



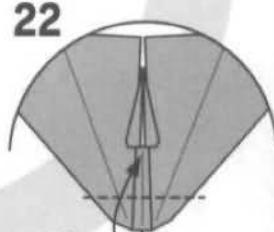
21

カドを後ろに折る  
Mountain fold the  
bottom corner of  
the nose.

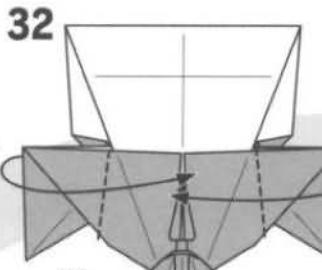
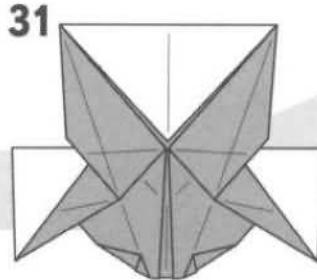


22

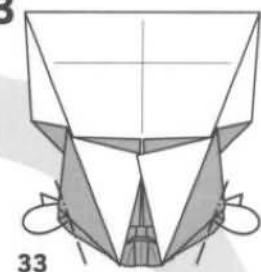
カドを上に折る  
Fold up the lower jaw.



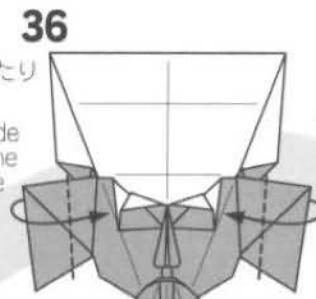
## 4 面／仮面



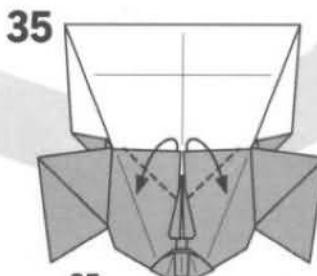
32 中心で重なるように折る  
Close down so the side corners will overlap at the center.



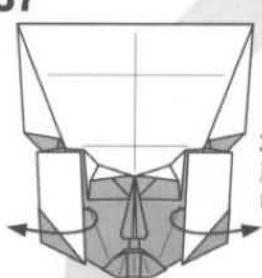
33 左右のカドを後ろへ少し折る  
Mountain fold the side corners.



34 折ったカドの○のところから折る  
Open up again starting from the circled intersections.

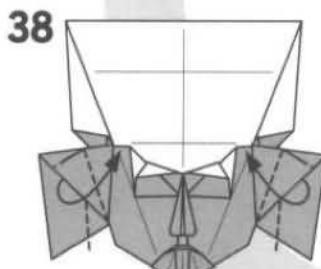


35 内側をひろげるように引き下げる  
Open the top colored portions of the face.

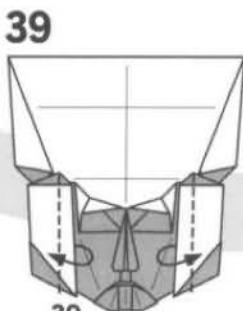


36 線を目のあたりまで折る  
Fold the side edges to the edge of the eyes.

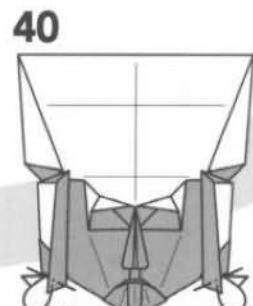
37 戻す  
Unfold.



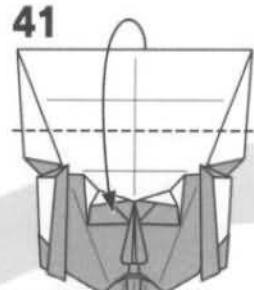
38 内側をひろげて引き寄せるようにしてつぶす  
Open and squash.



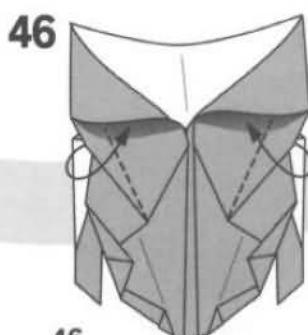
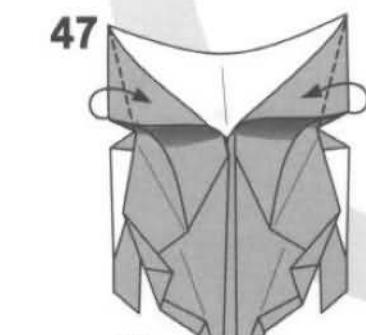
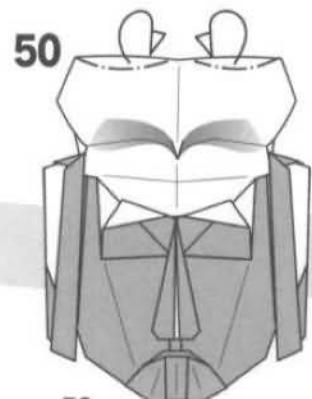
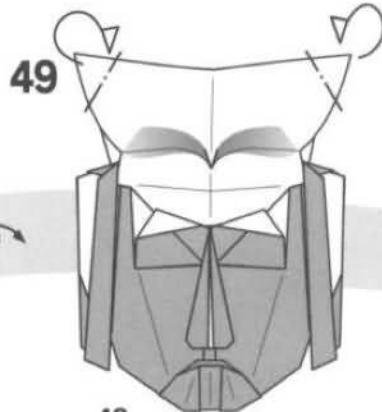
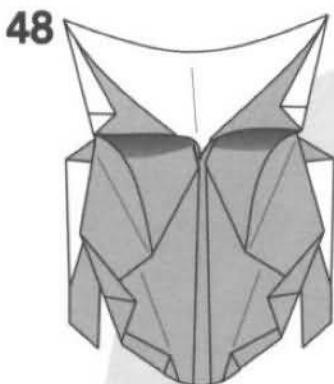
39 線を少し折る  
Valley fold the edges.



40 カドを少し後ろに折る  
Mountain fold the corners.



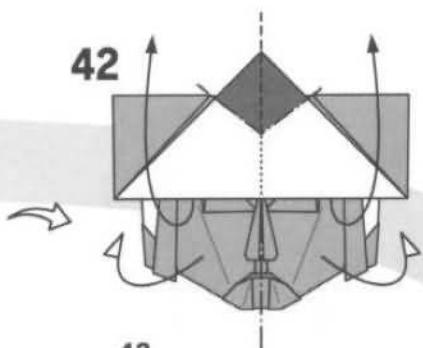
41 目の線の少し上まで下に折る  
Fold the top edge to slightly above the bottom edge of the eyes.



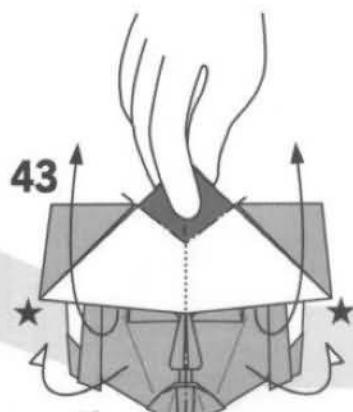
47  
起こした部分のカドも  
いっしょに折る  
Fold the pulled-up  
corners as well.

46  
ついている折り筋で起こす  
Stand up the layers using  
the existing crease lines.

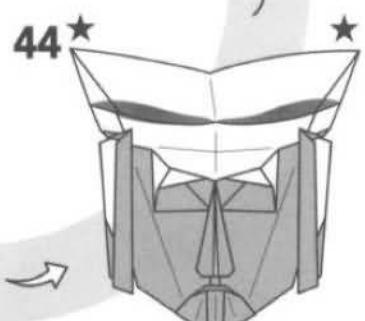
45  
つまんだカドを片側に  
倒して留める  
Lock the corner pinched  
in 42 by swiveling.

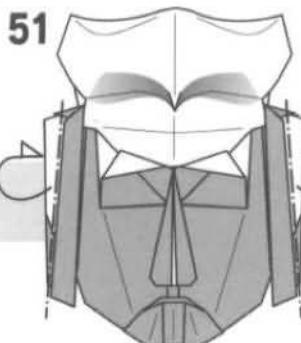


42  
■の部分を指でつまむように  
折りながら頭の部分を起こす  
Pinch the darkened part and  
raise the hair...

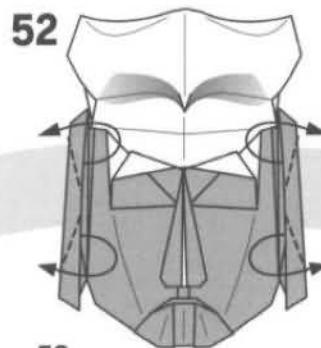


43  
途中の図  
顔は少し立体的になる  
like this.  
The face will be  
three-dimensional.

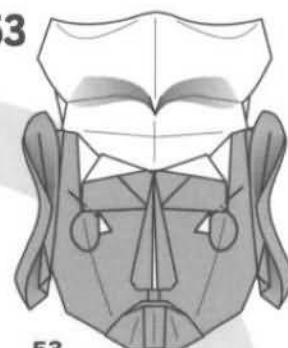




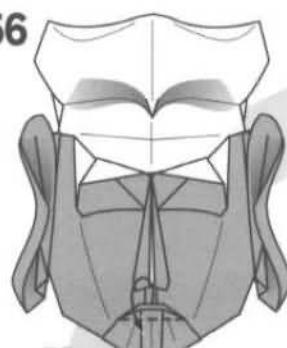
**51**  
縁のところで折る  
Mountain fold the edges.



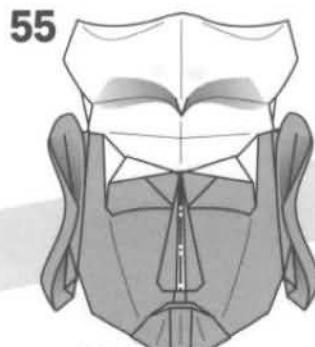
**52**  
耳の上下をひろげるようすに折る  
Open and shape the ears.



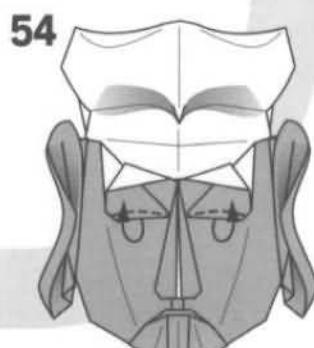
**53**  
カドを少し後ろへ折る  
Mountain fold the tips of the corners of the eyes.



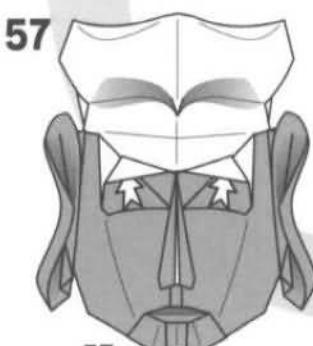
**56**  
唇を軽くひろげて  
表情をつける  
Open the lips lightly.



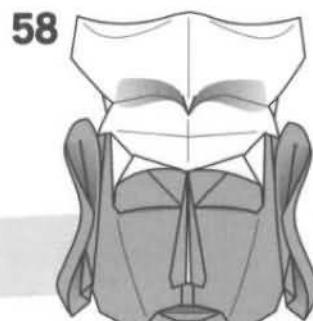
**55**  
鼻を立体的に立てる  
Raise the nose.



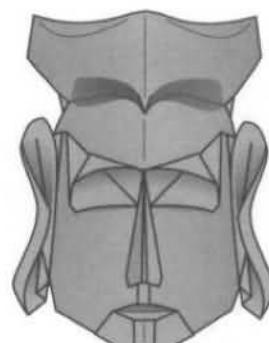
**54**  
かるく折り筋をつけて  
目の表情をつける  
Shape the eyes giving the crease lines.



**57**  
まゆの部分を  
曲面的に仕上げる  
Shape the eyebrows.



**できあがり**  
**Model Completed**



両面同色の紙で  
折った図  
With a sheet with the same color on both sides.

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年間購読費 3,600円(送料込み)

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振替口座番号 00180-8-579860



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4. E-Mailアドレス
5. 性別
6. 生年月日
7. 職業

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表紙フルカラー/本文38ページ  
(カラーロゴ2ページ含む)

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Phone/Fax 03-5684-6080 日本折紙学会ホームページ <http://www.origami.gr.jp/>

# 西川誠司作品集

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