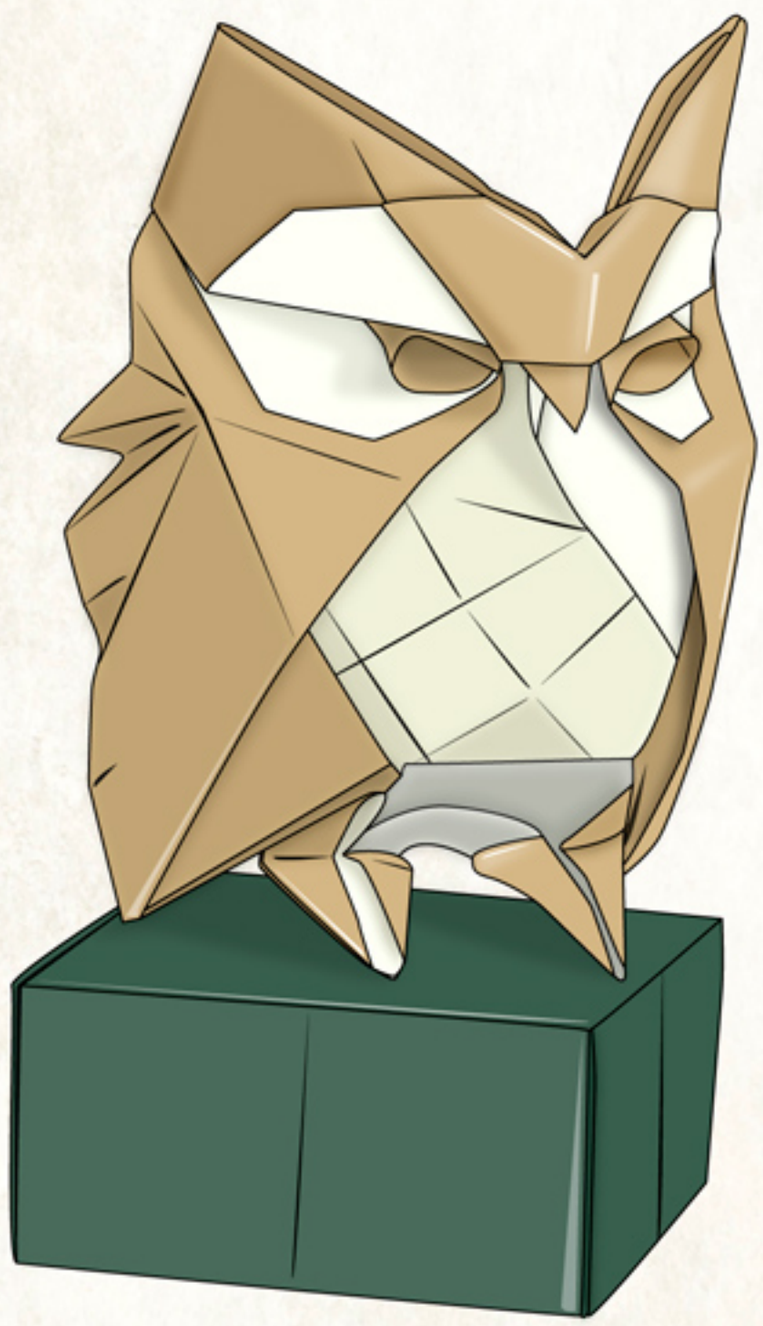
NICOLAS TERRY
PRESENTS

DRAWING ORIGAMI

TOME 1



by Halle / Pere Olivella / Nicolas Terry

Swallow by Mindaugas Cesnavicius
p.38

Superhero by Juanfran Carrillo
p.133

Jackson's Chameleon by Robert J. Lang
p.108

Pelican by Gachepapier
p.68

Mr. Teddy by Didier Piguel
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Wolf Head by Eduardo Santos
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Pelican by Patricio Kunz Tomic
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Napoleon by Eduardo Santos
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Joe Cocker by Patricio Kunz Tomic
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Polar Blues by Gachepapier
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Thief of the last geometry
by Alexander Kurth p.42

Bat by Ángel Morollón
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Owl by Roman Diaz
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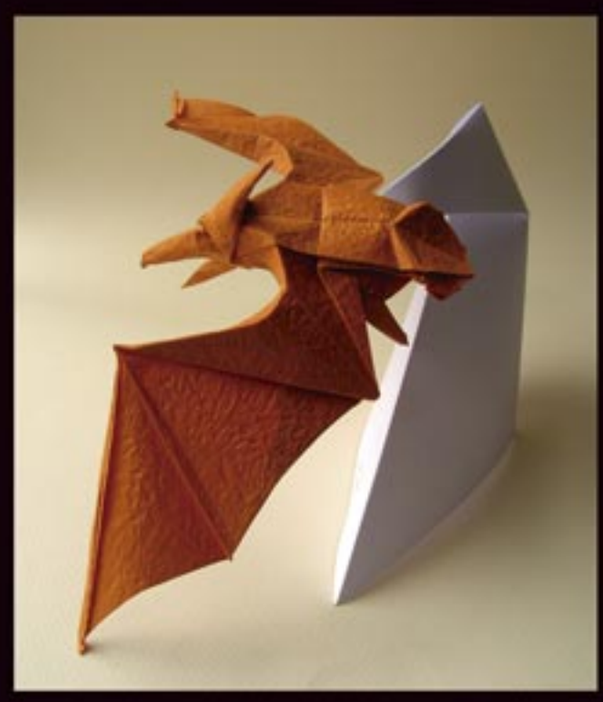

Pteranodon by Vincent Achard
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Bambi by Quentin Trollip
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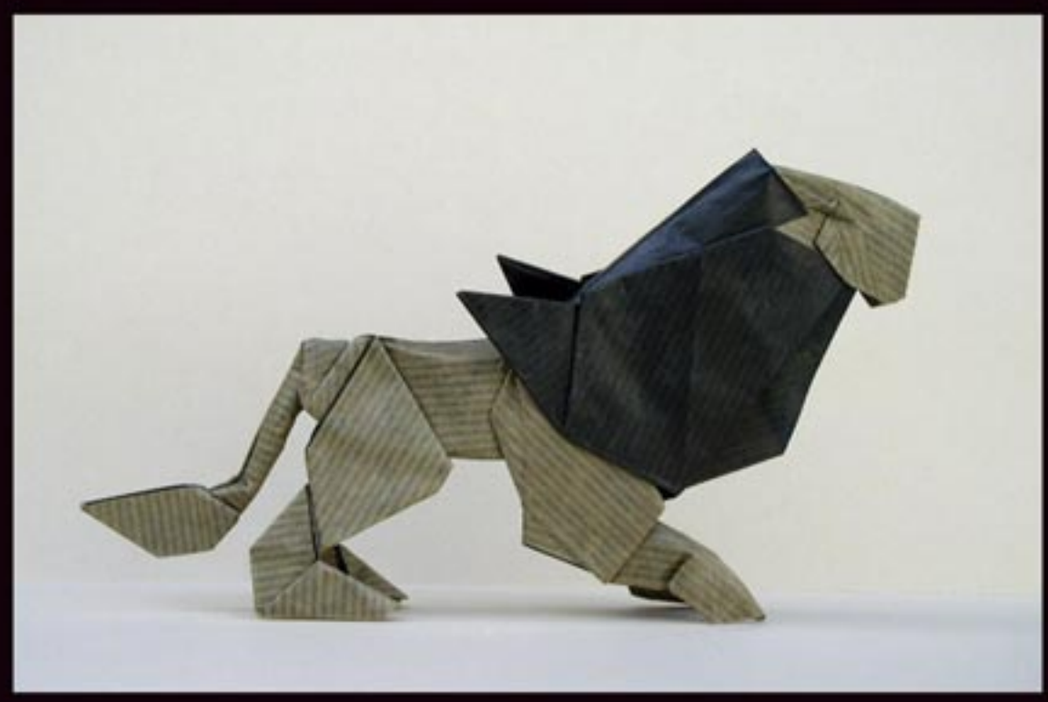

Lion by Tom Defoirdt
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Rubin by Ekaterina Lukasheva
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Horselaugh by Kunsulu Jilkishiyeva
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Footprint by Paulius Mielinis
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Sea Turtle by Nguyen Ngoc Vu
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Corto Maltese by Kaze
Fold by Gachepapier p.58

Crane by Nicolas Terry
p.124

Climb peaks by Sébastien Limet
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Coyote by Richard Ojeda Soto
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Bull by Richard Ojeda Soto
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Bettle by Halle
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Butterfly by Fernando Gilgado
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Fox by José M. Herrera Bello
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Fluffy Sonobe by Maria Sinayskaya
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Rolling Fox by Tuan Nguyen Tu
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Gran Danés by Richard Galindo Flores
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En un lugar de la Mancha by Victor Coeurjoly
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Solitude by Eric Vigier
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NICOLAS TERRY PRODUCTION PRESENTS

DRAWING ORIGAMI

with HALLE and PERE

NEITHER CUTS NOR GLUE

R

L'éditeur remercie tout particulièrement Olivier et Bernard de l'Atelier du Grésivaudan pour leur soutien régulier et inconditionnel et pour toute l'aide technique apportée dans la réalisation de ce livre. Sans eux, tout serait beaucoup plus difficile.

— — R — — —

http://www.origami-shop.com/secretcode

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Dépôt légal 4ème trimestre 2014

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Christmas 2014

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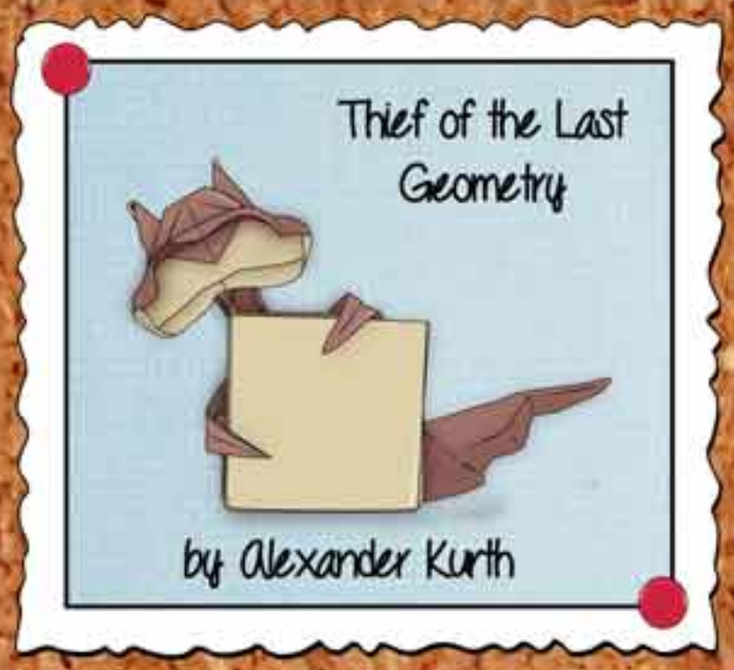

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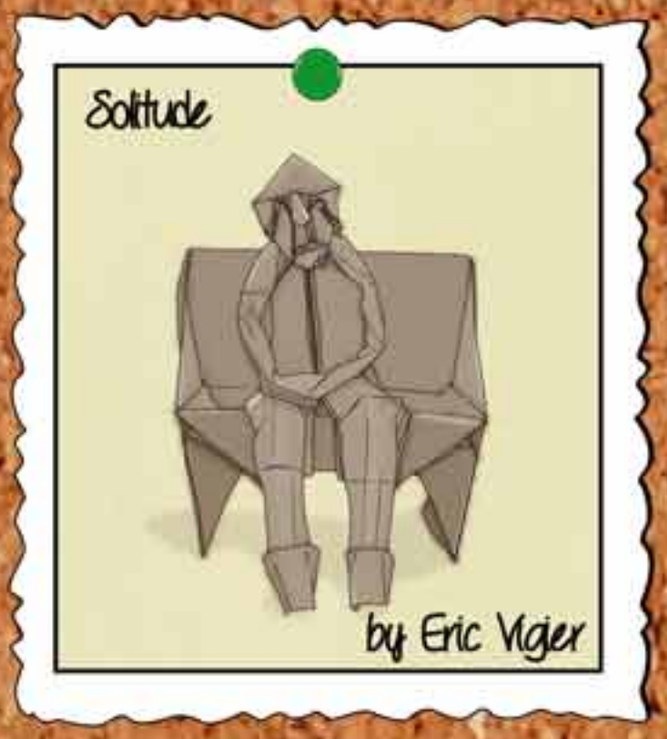
Tasks Nicolas

1) Assemble the book
2) "Kill" Pere :)
3) Talk to the printer
4) Steer team through moments of panic
5) Get authors permission to publish
6) Marketing
7) Dedicate this project to my family



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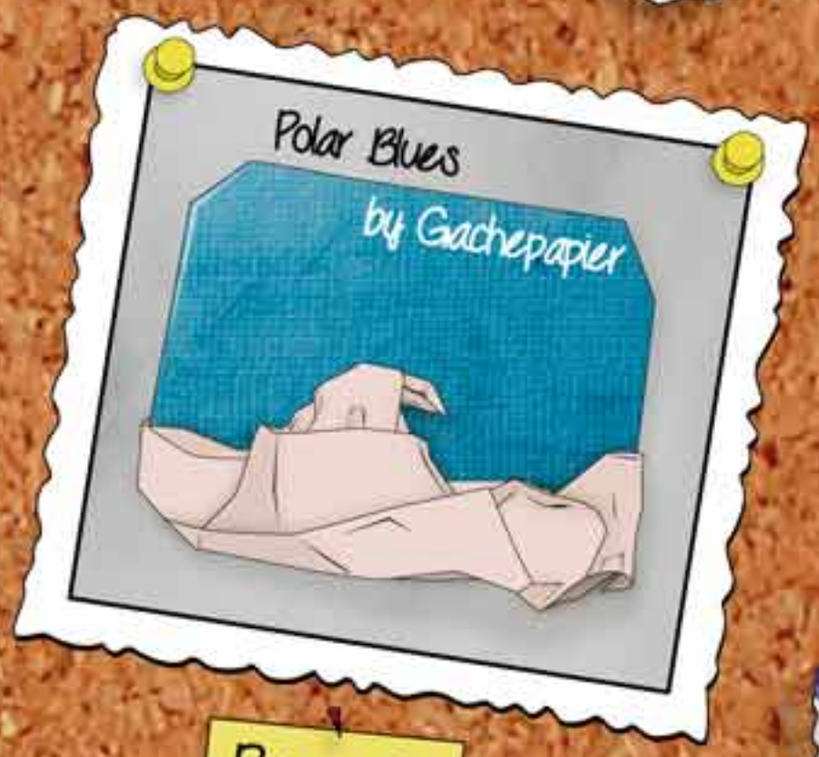

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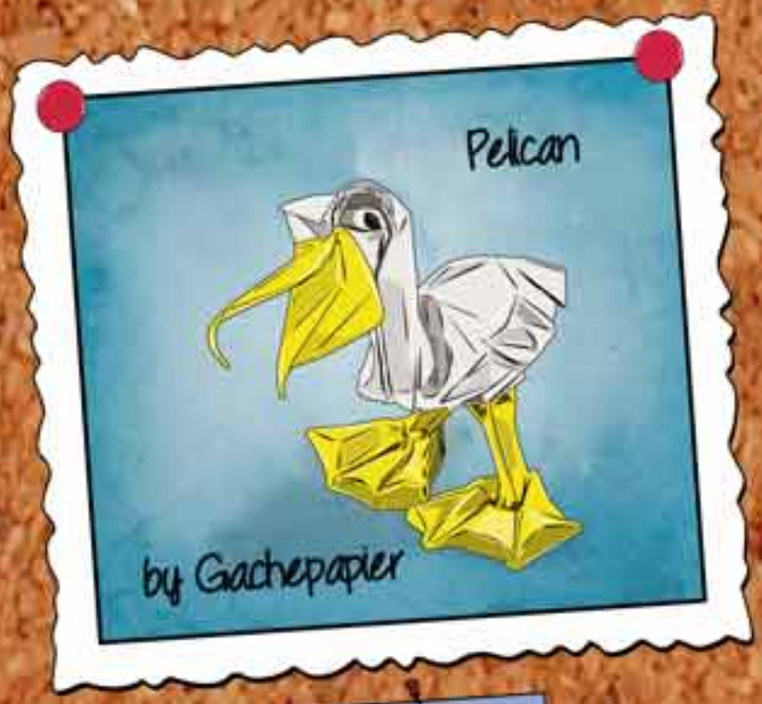

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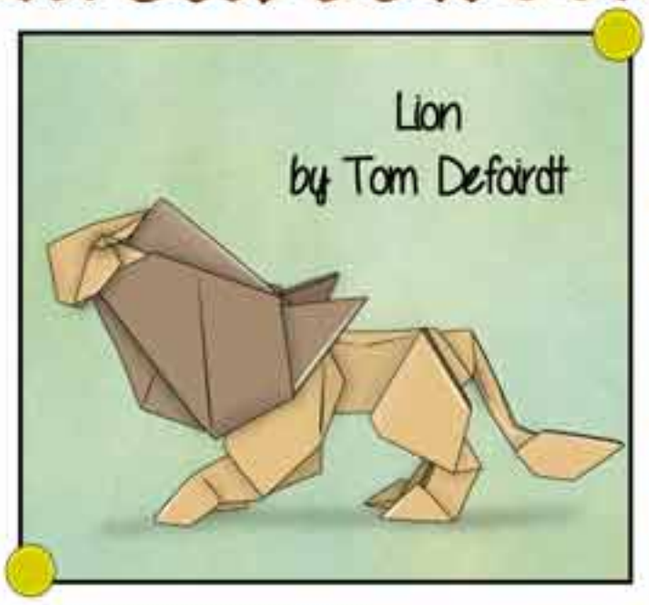
Tasks Pere

1) Check the proccess
2) Add symbols to the diagrams
3) Take the pics
4) "Kill" Halle :)
5) Play with Oscar
6) Water Cristina's carnivorous plants
7) Feed Leaf insects
8) Take a break??



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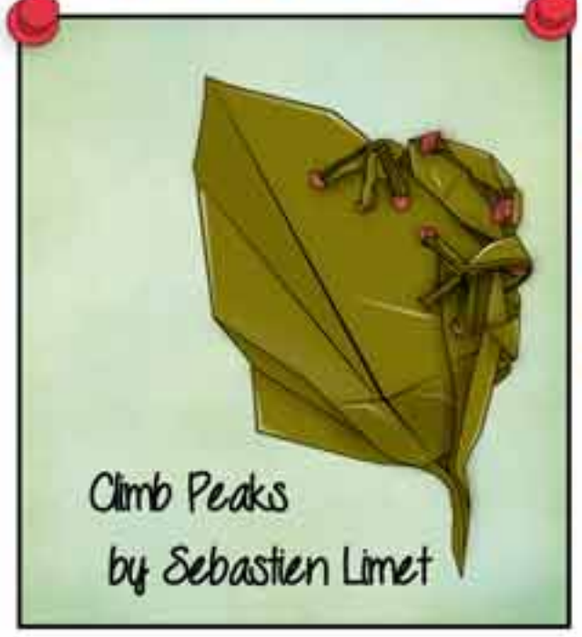

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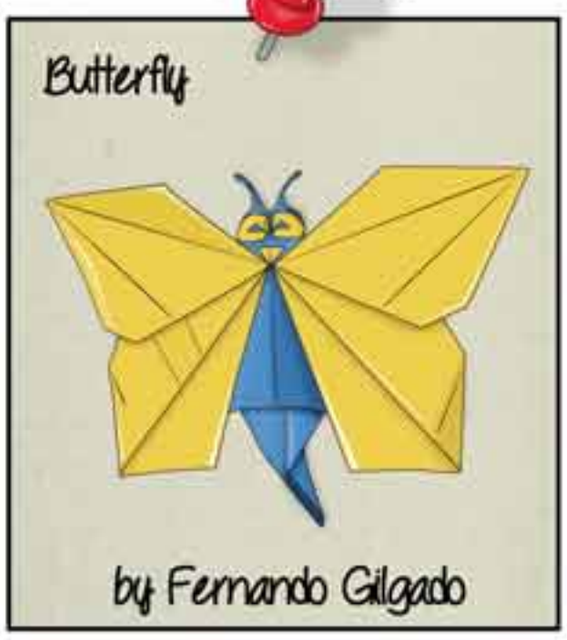

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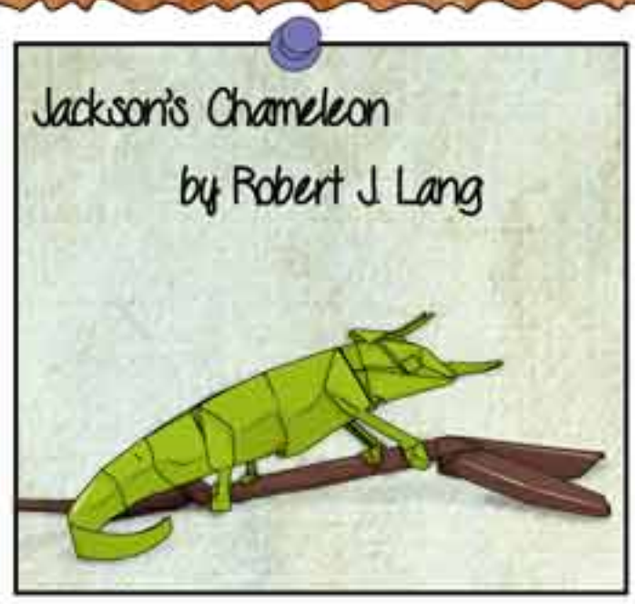

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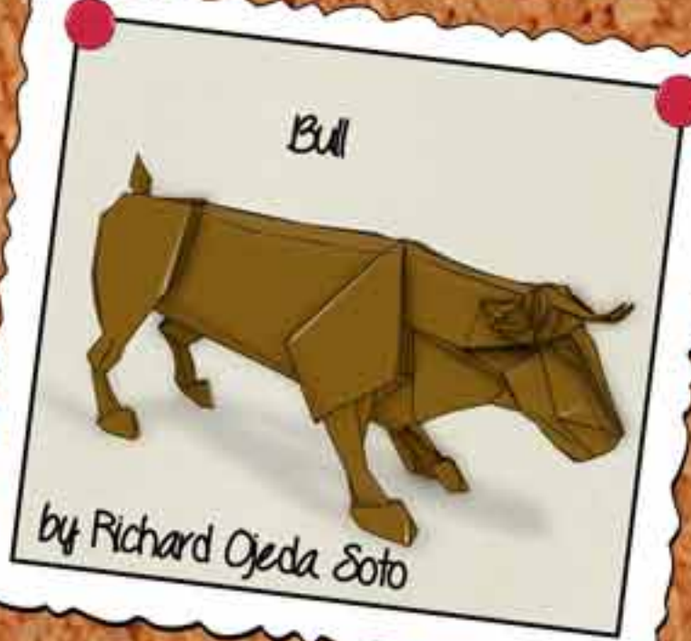

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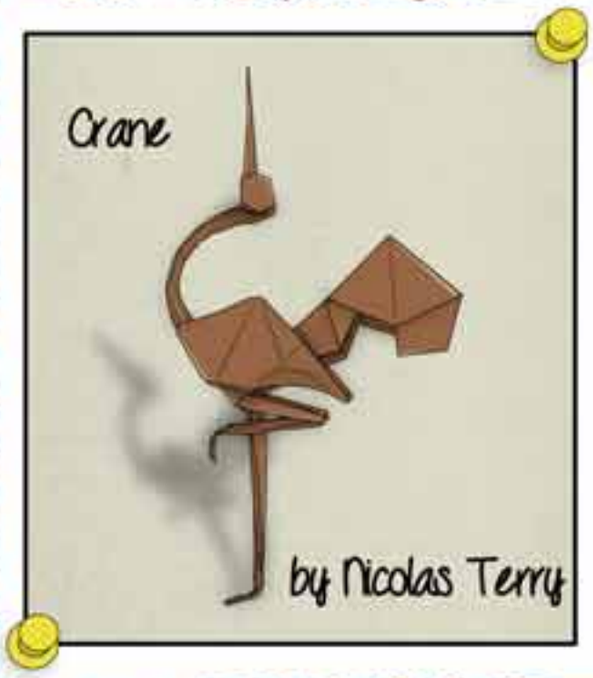

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Tasks Halle

1) Drawing
2) More drawing!!
3) Send diagrams to Yara, Kunsulu, Rui, Luc and Atilla.
4) Dedicate the book to Marta
5) "Kill" Nicolas:)
6) More Drawing !!

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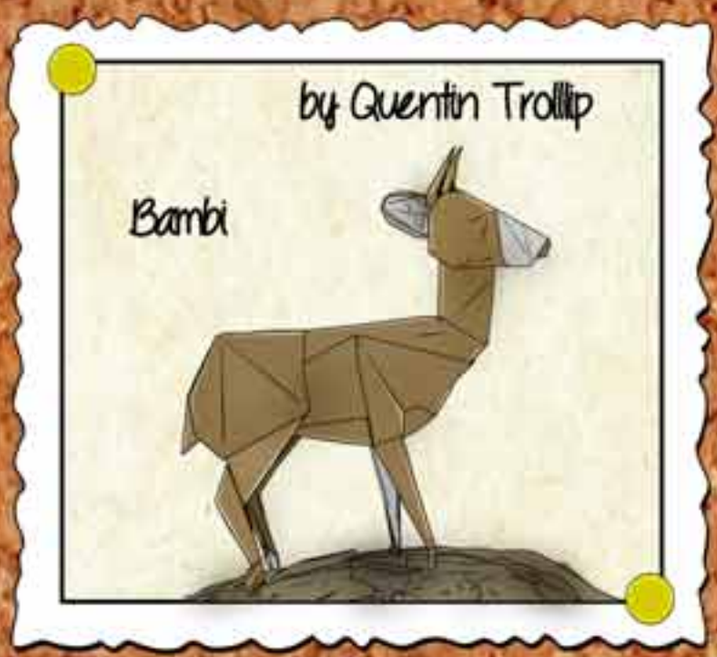

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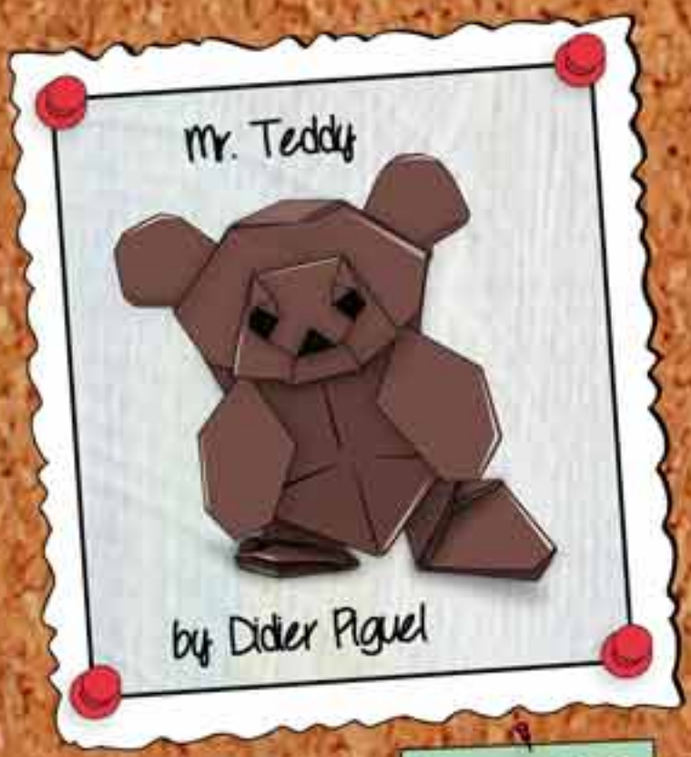

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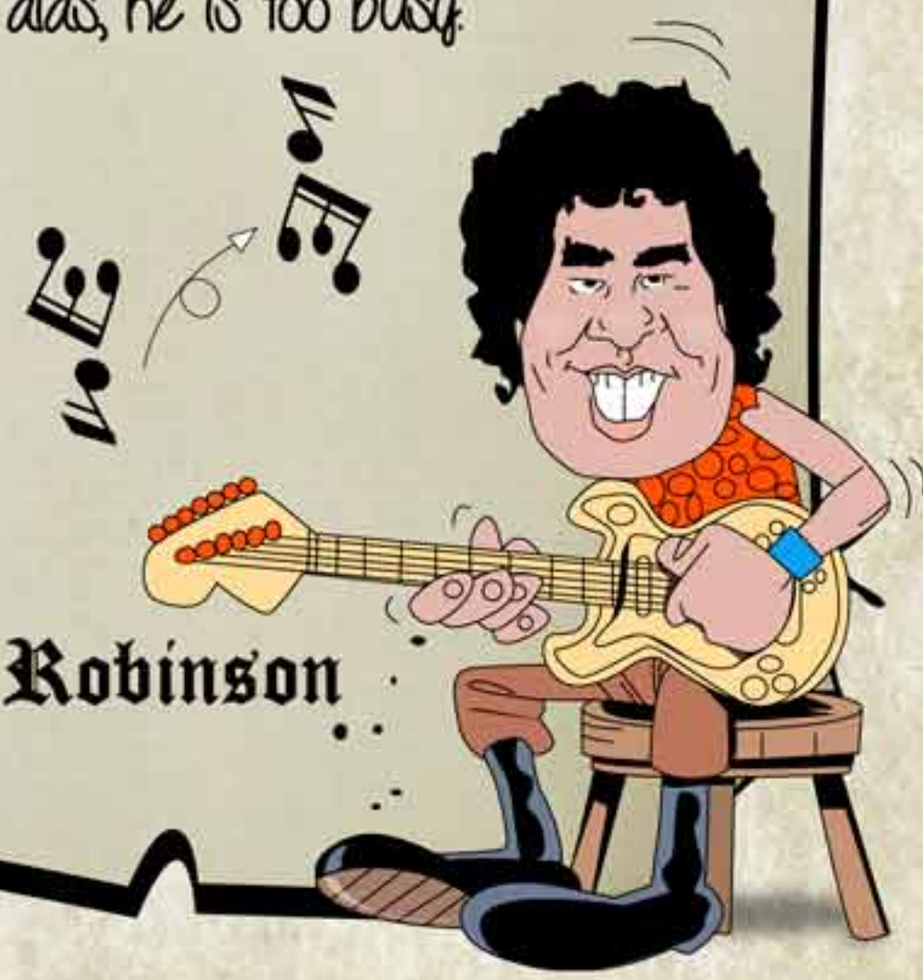
Prologue

If you want to fold models by famous people, it's so easy, you just order one of their many books. But if you wish to experience the true beating heart of modern creative origami, it's a lot more difficult. Many new creators lack the time (or ability) to make effective diagrams and unless they have their own website, it's difficult to share their work.

So, I'm delighted to see this book from the team of Halle, Olivella and Terry (aka Larry, Curly and Moe), where a selection of designs by new folding talent has been lovingly assembled and presented for your appreciation. The artwork within the book is a genuine team effort and I think it sets a new standard for origami diagrams; they are simply amazing. We have come a long way from the flat, lifeless 2D diagrams of the past and finally have artwork that lives, breathes and will surely entice the reader into "having a go!" I have suggested to Halle that we could form a "ménage à trois" so that he could pass on his skills to me, but alas, he is too busy.

I cannot praise this book highly enough and I hope that in reading these words, you have sold your mother-in-law or done whatever else it takes to buy it.



Nick Robinson

Prologue

Si vous voulez plier des modèles de créateurs célèbres, c'est facile : il vous suffit de commander l'un de leurs nombreux livres. Mais si vous souhaitez découvrir et plier ce qui fait vraiment battre le coeur de l'origami moderne, cela devient bien plus difficile.

En effet, beaucoup de nouveaux créateurs n'ont pas le temps (ou la capacité) de dessiner leurs propres diagrammes. Et, à moins qu'ils ne disposent de leur espace sur internet, il leur est même parfois difficile de partager leur travail.

C'est pourquoi je suis ravi de voir que ce livre, réalisé par l'équipe Halle, Olivella et Terry (alias Larry, Curly et Moe), contient une sélection de modèles soigneusement choisis et créés par ces nouveaux origamistes de talent.

Les dessins de ce livre sont l'oeuvre du travail de toute une équipe et je pense qu'ils établissent une nouvelle norme pour les diagrammes en origami; ils sont tout simplement incroyables. Quel chemin parcouru depuis les simples diagrammes en 2D, sans vie, du passé ! Ces dessins-là respirent de vie et vont sûrement inciter le lecteur à se lancer dans le pliage.

J'ai proposé à Halle que nous puissions former un "ménage à trois" afin qu'il puisse me transmettre ses compétences en dessin, mais hélas, il est trop occupé !

Je n'ai pas d'autres mots pour dire combien je vous recommande ce livre et j'espère qu'à la lecture de ce texte, vous vendrez votre belle-mère ou ferez ce qu'il faut pour vous procurer cet ouvrage.

Nick Robinson

The Players

Hello and welcome to our new adventure

Halle, Pere Olivella and Nicolas Terry collaborated to produce this book, which focuses mainly on models from emerging authors, mixed with some diagrams by more famous authors such as Quentin Trollip, Román Díaz and Robert J. Lang.

The most wonderful thing about this book - and why we are so enthusiastic about this project - is that the model choice did not depend on the designers' having the expertise, time and interest to create diagrams.

Before our project, when you discovered an intriguing model on the internet or at a convention, you crossed your fingers, hoping the diagram would appear one day in a convention booklet or even a book, but 95% of the time that never happened and you cried...

The spirit of the book is thus to "save" from obscurity some of these models and bring them to the origami community. This is also an opportunity to highlight the talent of a new generation of authors.

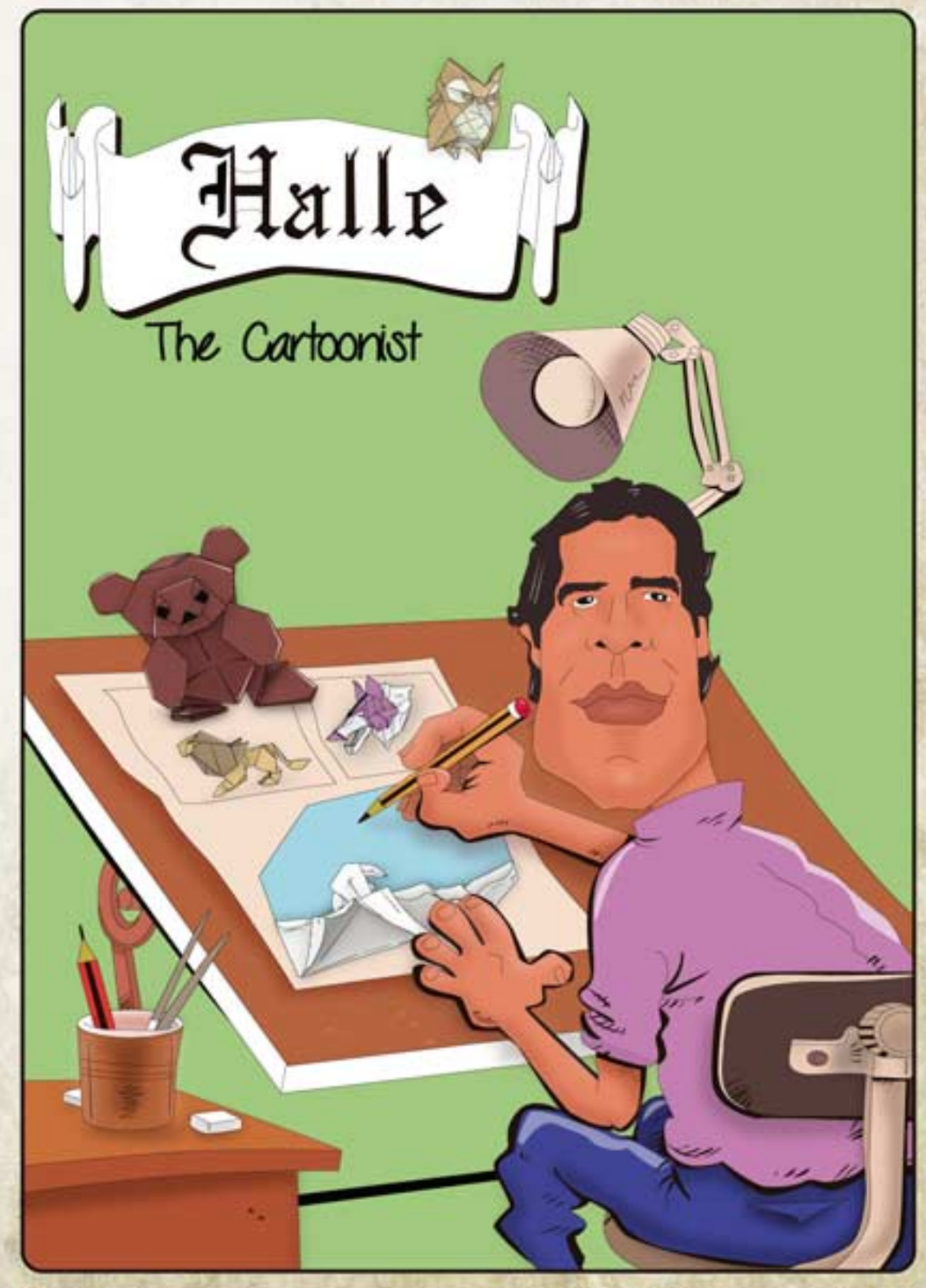
This book was inspired by Halle's ability to draw high quality diagrams using photos of each step. Over the past years, he has honed his skills, and today, his diagrams have a unique visual aesthetic combining a cartoonish style with perfect clarity of the folding sequence.

Now, when one of us sees a wonderful model, we just have to contact the author and "Voila", some weeks later, the diagram is in our hands! It's magic and every folder's dream come true.

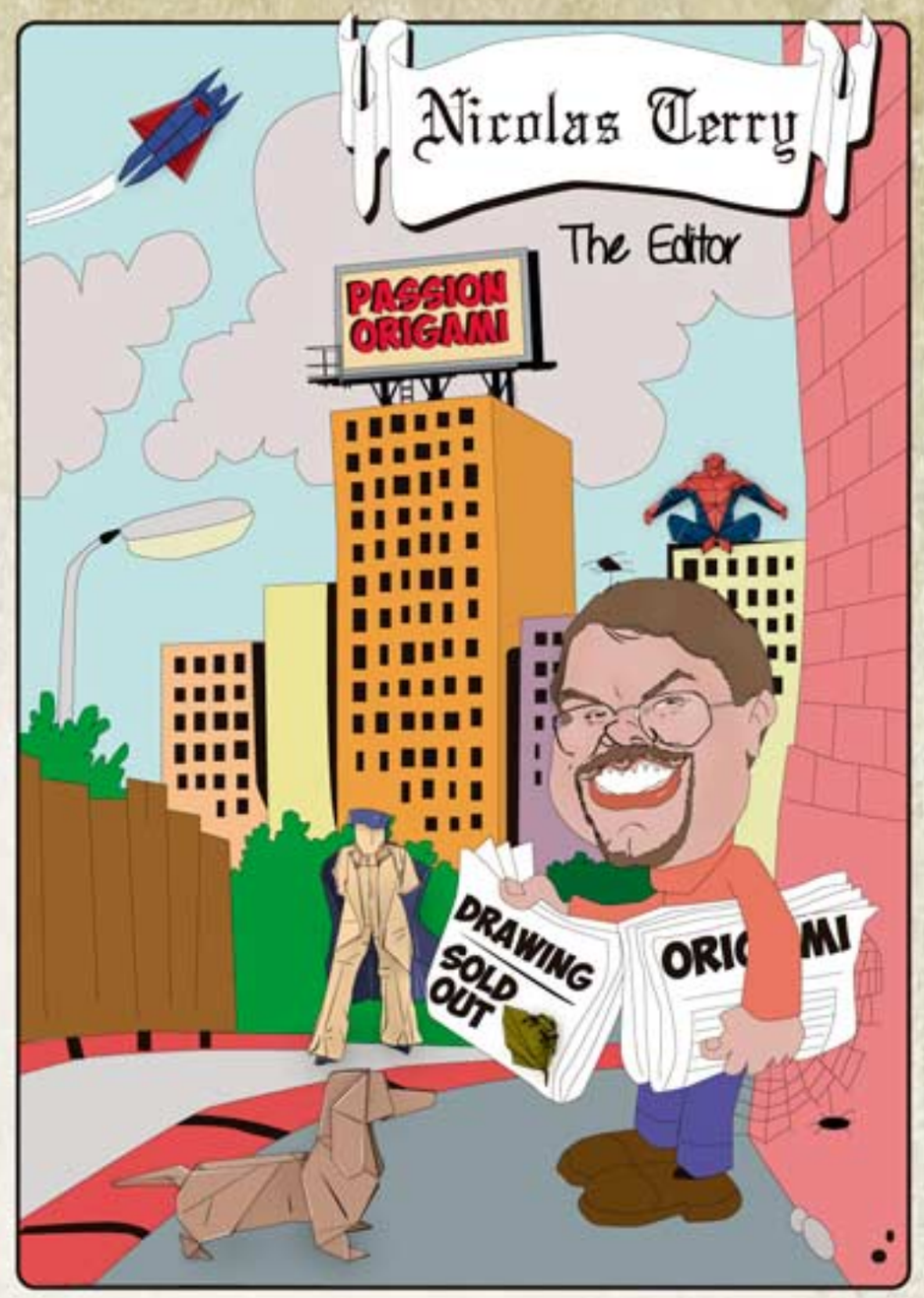
Halle's extraordinary drawings also give us an incredible opportunity to have diagrams that couldn't exist before. Indeed, because Halle draws from photos, he can easily draw anything we need, even super-complex 3D steps! This makes even box-pleating approaches or complex collapsing steps accessible, whereas any designer relying on classic drawings would be struggling.

How do we work?
Halle, Pere and Nicolas form the Core Team that guides, manages and refines the project. Around them, we have built a 14 person Support Team to take photos, test diagrams, proof-read, translate, check and work on the layout.

1) One of us discovers a wonderful model and proposes it to the Core Team.
2) If we choose it, we request the diagram from the author in a format of their choice (we accept videos, hand drawings, photodiagrams, live teaching, ...etc.)
3) Pere learns to fold the model and improves the folding sequence until it is fluid and elegant. Then he takes a photo of each step.



4) Halle draws each photo. (He is a machine, able to draw faster than we can even test or proof-read the diagrams)
5) Pere adds symbols, creases and revises the folding sequence
6) Then Nicolas works on the layout, rearranges the steps into the book's format, enhancing the diagrams and optimizing details for the best print quality.
7) The diagram receives final tests, translations and proof-reads from the Support Team.
8) Nicolas incorporates all changes into the final version of the diagrams.



A big thank you to all the contributors without whom this adventure would not have been possible! First, we thank all the designers for their participation and collaboration in this book. The dreams start in their minds and hands long before we carry them out into the origami world in this book.

At the other end, the 14 members of our Support Team have contributed impressive amounts of time and effort to this huge project, allowing us to incorporate more wonderful diagrams.

Drawing support:

- Yara Yag (Brasil) Photodiagrams & test-folder
- Rui Roda (Portugal), Luc Marnat (France), Kunsulu Jilkishiyeva (Kazajistan, and Yurktul (Turkey) Test-folders of the first, rough folding sequences

Editorial support:

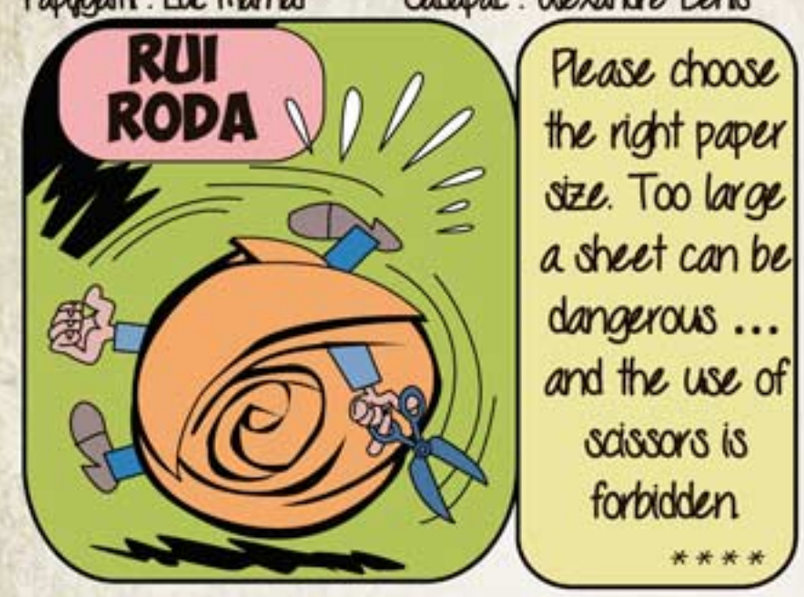
- MerryClaude and Cadapac : Rearrangement of the steps and layout improvements
- Guillermo Crespo and Eyal Reuveni : Test-folders of the final version
- Ariel Achtman and Marcio Noguchi : English proof-reads
- Claire Haumont and Hervé Terry : French proof-reads
- Ariel Achtman : Text translations, consistency and coherence review
- Mehdi Zarrad : Final test-fold and proof-read

We hope this book becomes the first book of a new collection. We are already working on diagrams for Volume 2 with a new generation of origami artists. So please join us in this new world called "DRAWING Origami" !

ACKNOWLEDGEMENTS & RECOMMENDATIONS *

* Remerciements et recommandations ** Vous êtes prévenus, si vous tentez de résoudre un canevas de plis, votre cerveau peut exploser !!! *** Du papier pour plier ? ... Non, c'est juste du travail pour nos traducteurs et relecteurs. Ils aiment tellement ça !!!

Papygami : Luc Marnat Cadapac : Alexandre Denis Merryclaude : Marie-Claude Asselin



* Souvenez-vous : trop de methylcellulose peut être dangereux pour la santé ** A l'aide !!!!!!!! *** Pour les modulaires, stockez vos papiers au bon endroit **** SVP, choisissez la bonne taille de papier. Attention, une feuille trop grande peut être dangereuse. L'utilisation de ciseaux est interdite ! ***** Youpi !! Oui ! Finalement, le wet-folding est bien mieux si l'on remplace l'eau par le champagne !!!! ****** Améliorez votre technique en wet-folding. Notre conseil: trop d'eau peut vous noyer !

L´équipe

Plieurs, bienvenus dans notre nouvelle aventure !

Ce livre est né de l'imagination de 3 passionnés - Halle, Pere Olivella et Nicolas TERRY - et vous propose de partir à la rencontre de modèles de nouveaux jeunes auteurs, avec le soutien de quelques grands Maîtres origamistes célèbres tels que Quentin Trollip, Roman Diaz ou encore Robert J. Lang.

Régulièrement, de nombreux jeunes créateurs créent de merveilleux modèles. Malheureusement, la plupart de ces modèles n'apparaitront jamais dans un livre, soit parce que l'auteur ne sait pas comment dessiner le diagramme, ou le plus souvent, parce qu'il n'a pas le temps ou l'envie de le faire.

L'esprit de ce livre est donc de «sauver» certains de ces modèles et de les amener à la Communauté origamiste, mais aussi de mettre en avant et de soutenir le talent d'une nouvelle génération d'auteurs.

Halle est un passionné de dessin et il a découvert, il y a quelques temps, qu'il pouvait dessiner de très beaux diagrammes en utilisant les photos de chaque étape. Petit à petit, il a amélioré sa technique, et aujourd'hui, ses diagrammes sont d'une exceptionnelle qualité avec un aspect visuel unique, style cartoon, tout en gardant une parfaite clarté de la séquence de pliage.

Autour de Halle, nous avons construit toute une équipe de plieurs passionnés afin de le soutenir dans la création de ses incroyables diagrammes

Nous somme trois à l'origine de ce projet : Halle, Pere et Terry. Puis, autour de nous, une équipe de 14 personnes est là pour nous aider à prendre les photos, tester les diagrammes, retravailler la présentation, traduire, relire les textes ...etc.

Ce qui nous rend aussi enthousiastes dans ce projet, c'est le fait que nous puissions demander n'importe quel modèle vu quelque part. Auparavant, en découvrant un modèle sur internet ou dans une convention, vous croisiez les doigts, en espérant qu'un jour le diagramme apparaîtrait dans un livret de convention, ou même un livre, mais vous saviez qu'il n'y avait presque aucune chance que cela n'arrive.

Aujourd'hui, quand l'un d'entre nous découvre un modèle, nous avons juste à contacter l'auteur et "voilà", quelques semaines plus tard, le diagramme est dans nos mains ! C'est magique et un rêve exaucé pour chaque plieur que nous sommes.

Le talent de Halle nous donne aussi une opportunité incroyable d'avoir des diagrammes difficiles à obtenir autrement. En effet, parce que Halle travaille directement à partir de photos, il peut facilement dessiner tout type de pliage, même lorsque les étapes sont en 3D super complexes, même lorsque l'on a du box-pleating ou des séquences de collapses complexes - Tout devient facile à présenter alors que cela pourrait être très compliqué voire impossible à dessiner pour tout autre auteur.

Comment travaillons-nous ?
1) L'un de nous découvre un modèle et le propose à l'équipe
2) Si nous choisissons de le garder, nous demandons la séquence de pliage à l'auteur, quelle que soit sa façon de nous l'expliquer (nous acceptons la vidéo, les croquis réalisés à la main, les photos, l'enseignement direct, etc.).
3) Pere apprend ainsi à plier le modèle, retravaille et améliore la séquence de pliage pour qu'elle devienne fluide et élégante, puis, il prend une photo de chaque étape.
4) Halle dessine ensuite chaque photo
5) Pere ajoute tous les symboles, et fixe la séquence de pliage.
6) Nicolas travaille ensuite sur la mise en page, améliore le diagramme, réorganise la présentation pour l'adapter au format du livre, et travaille également sur de nombreux détails pour obtenir la meilleure qualité possible.
7) Le diagramme est enfin testé, traduit, relu et Nicolas inclut toutes les corrections.

Bien sûr, notre équipe de 14 personnes est évidemment incluse dans ce processus de réalisation à chaque étape.

Pour la partie dessin :

- Yara Yagi (Brésil): Photos et tests
- Rui Roda (Portugal), Luc Marnat (France), Kunsulu Jilkishiyeva (Kazajistan) et Yurktul (Turquie) : Test de la version brute des diagrammes

Pour la partie rédactionnelle :

- MerryClaude et Cadapac : Restructuration et amélioration de la mise en page
- Guillermo Crespo et Eyal Reuveni : Test final
- Ariel Achtman et Marcio Noguchi : Relecture des textes anglais
- Claire Haumont et Hervé Terry : Relecture des textes français
- Ariel Achtamn : Traduction de tous les textes et vérification générale de tout le livre pour maintenir une cohérence d'ensemble
- Mehdi Zarrad : Test final et relecture

Ils ont tous passé un temps considérable pour nous aider et sans eux, il aurait été impossible de terminer cette aventure. Un grand merci à tous !

Nous espérons que ce livre sera le premier d'une longue série. Nous travaillons déjà sur les diagrammes pour le tome 2 avec une nouvelle génération d'artistes !

Alors, bienvenue dans cette nouvelle collection que nous avons appelée "Drawing Origami" !

Symbols

Valley-fold

Mountain-fold

Crease line

Hidden part

Fold paper forward

Fold paper backward

Making crease lines

Pleat-fold

Turn over

Rotate

Pull out

Techniques

Making crease lines

1

2

Valley-fold

1

2

Mountain-fold

1

2

Pleat-fold

1

2

Turn over

1

2

Rotation

1

2

Pull out

1

2

Fold inside (Inside reverse-fold)

1

2

3

Inside reverse-fold

1

2

3

Outside reverse-fold

1

2

3

Symbols

Change viewpoint

Push

Inside reverse-fold

Zoom in

Zoom out

Repeat

Repeat a range of steps

Right angle

Dividing length

Dividing angle

Techniques

Change viewpoint

1

2

Squash-fold

1 2 3

Petal-fold

1 2 3

Spread sink

1 2

Zoom in

1 2

Swivel-fold

1 2

Zoom out

1 2

Repeat

1 2

Repeat a range of steps

13 14

Dividing length

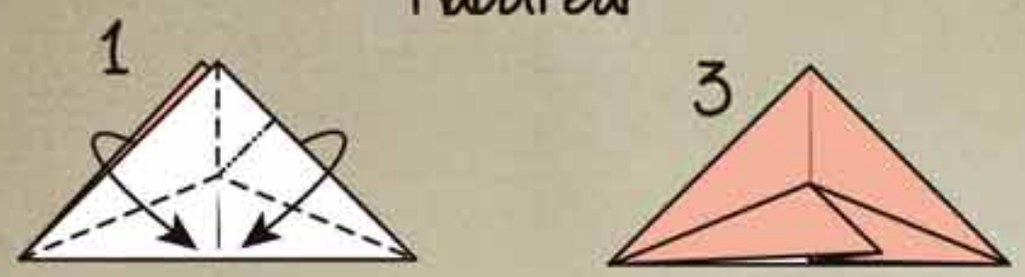
1

Dividing angle

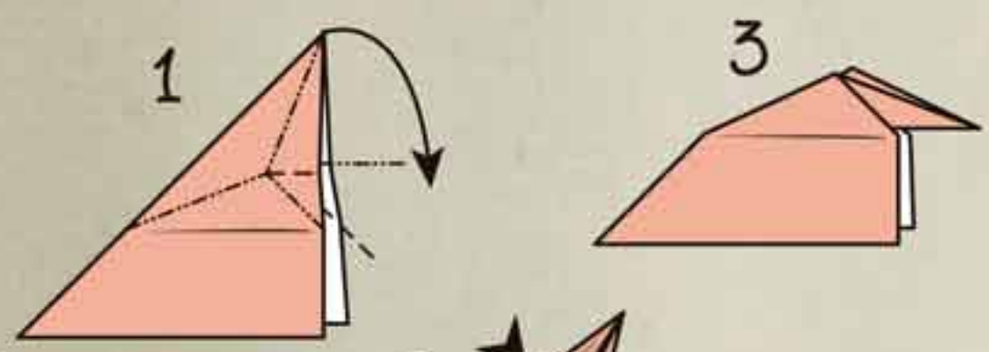
1

Techniques

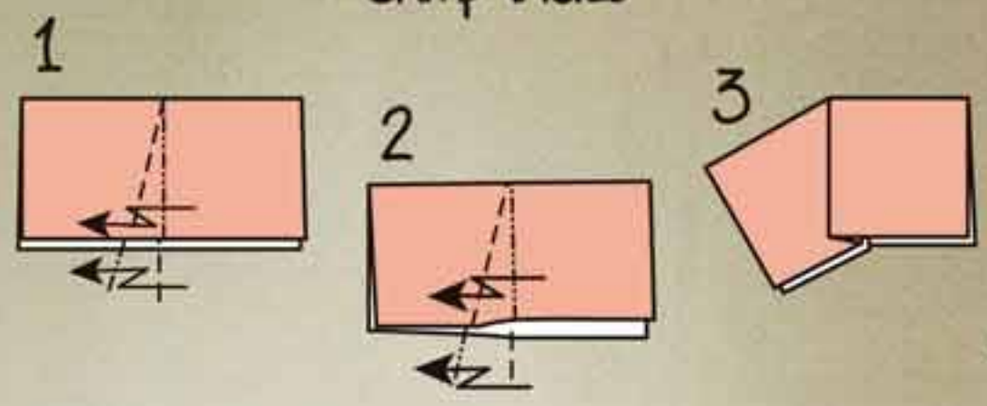
Rabbit-ear



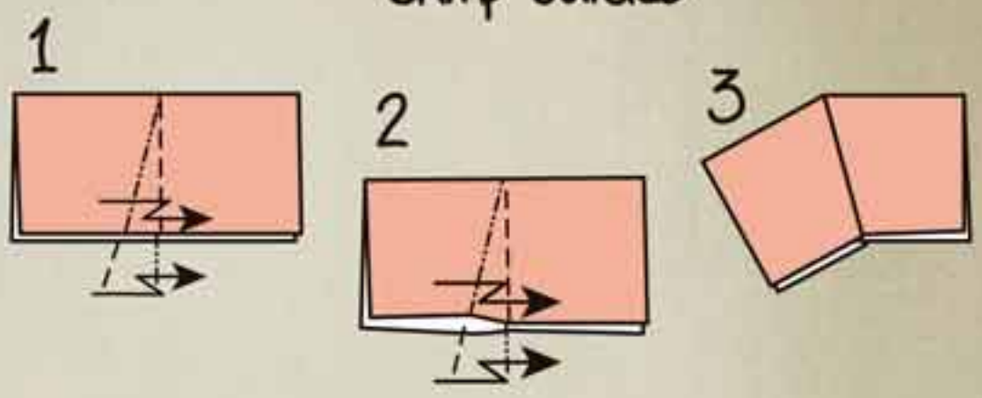
Double rabbit-ear



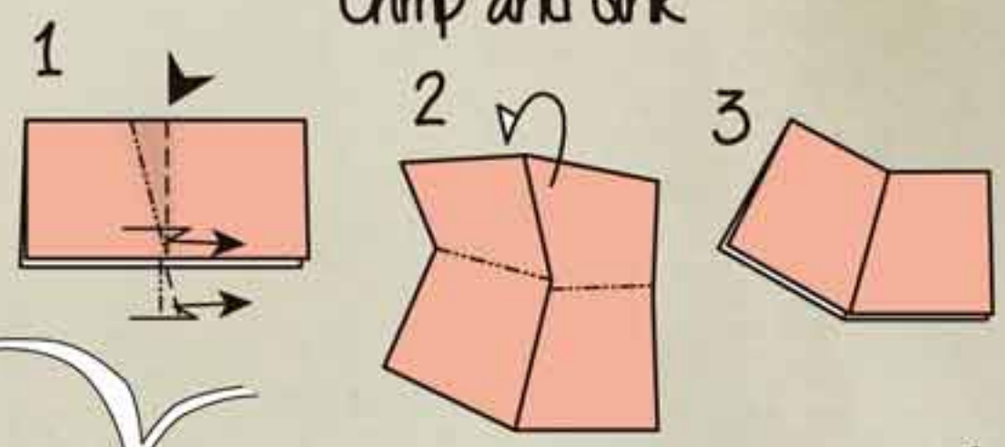
Crimp inside



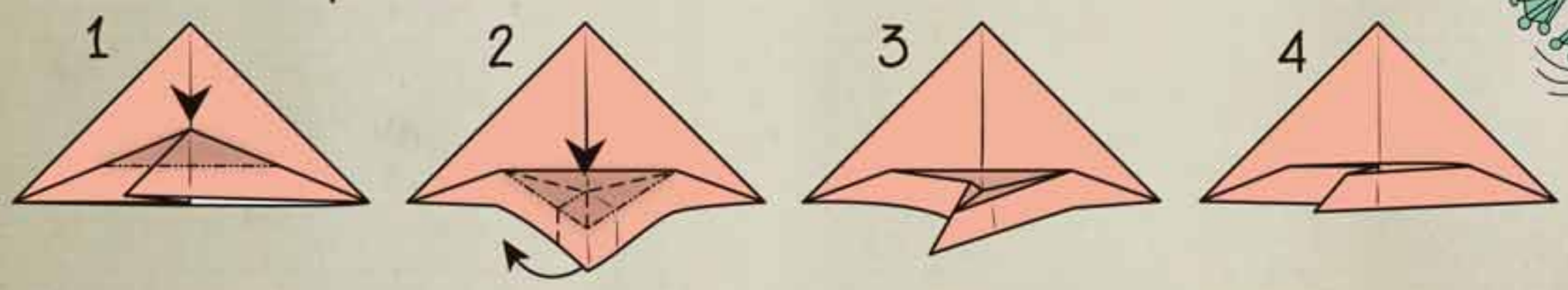
Crimp outside



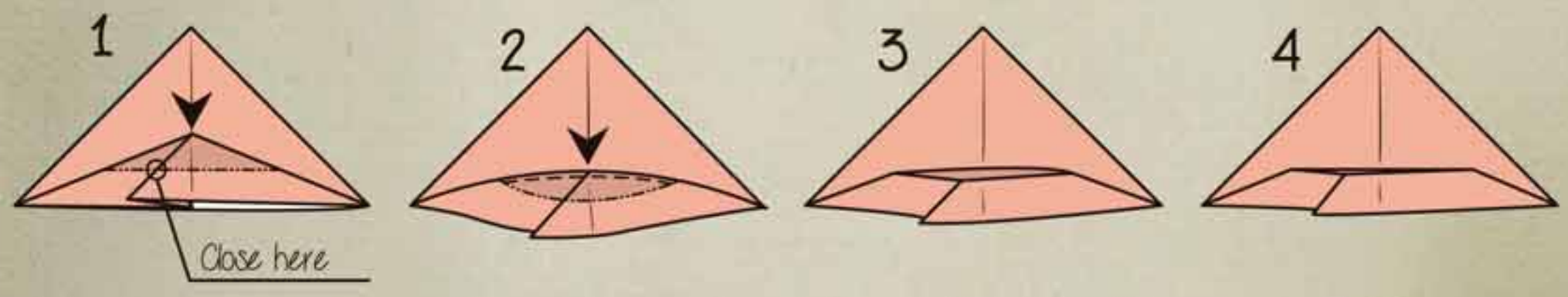
Crimp and sink



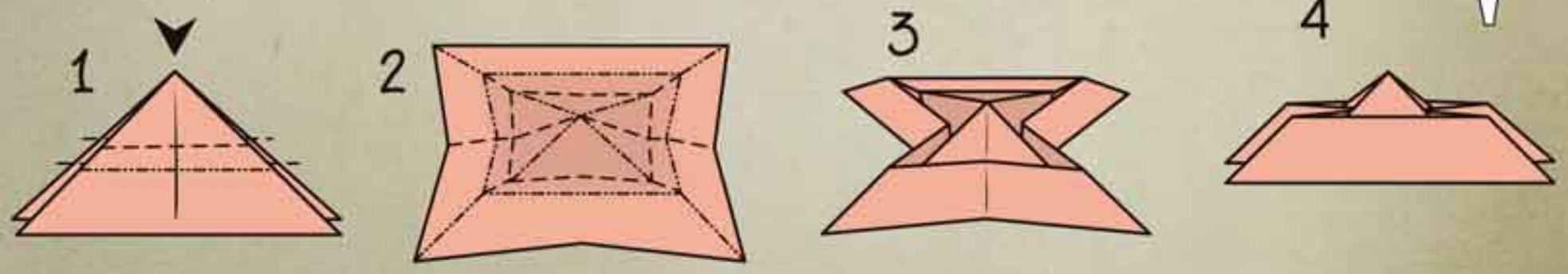
Open sink



Closed sink

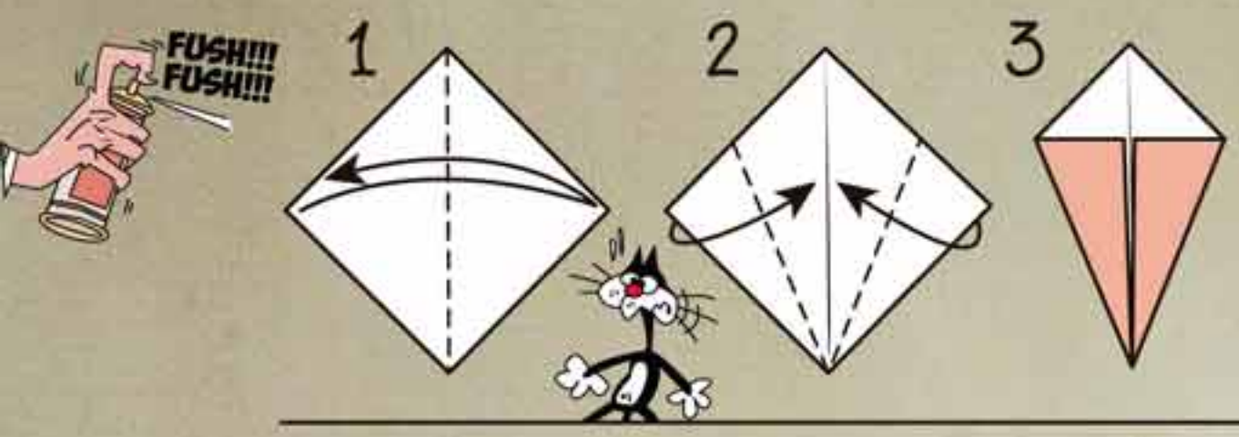


Open sink in and out

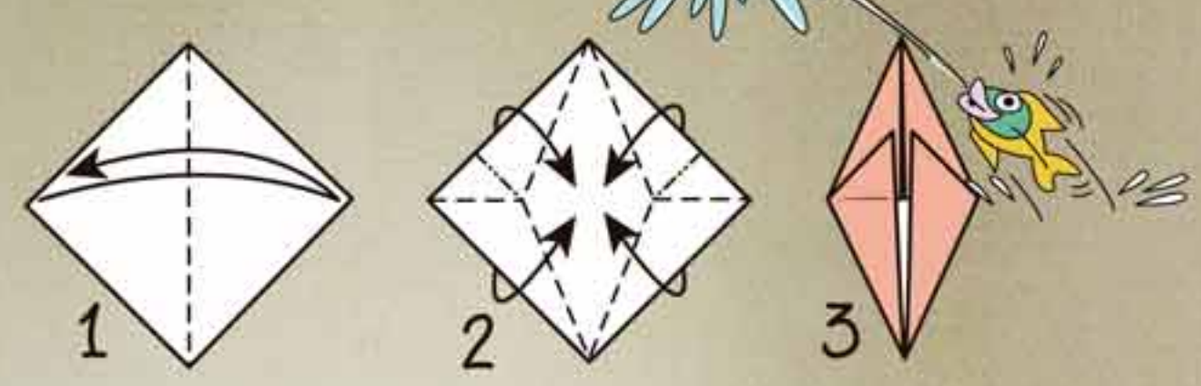


Bases

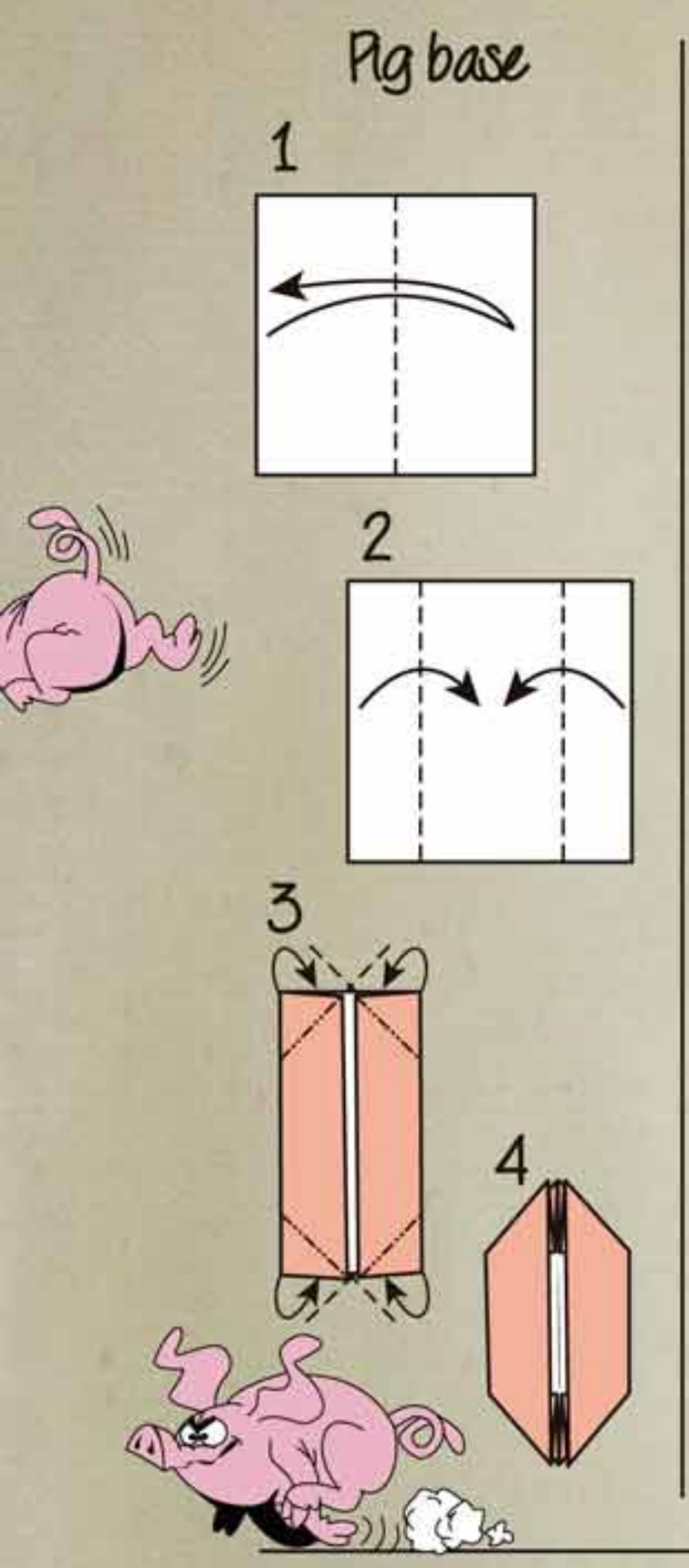
Kite base



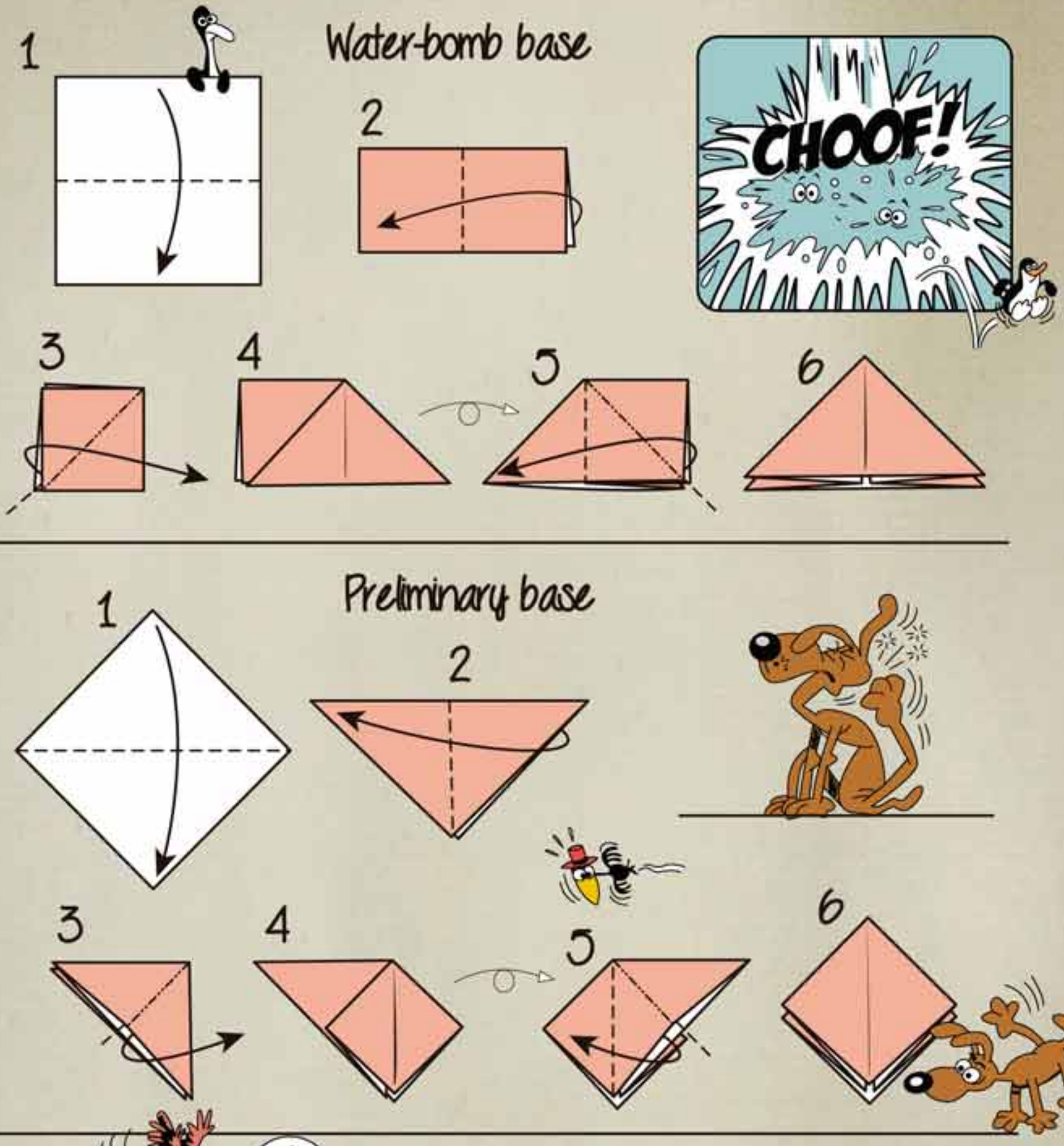
Fish base



Pig base

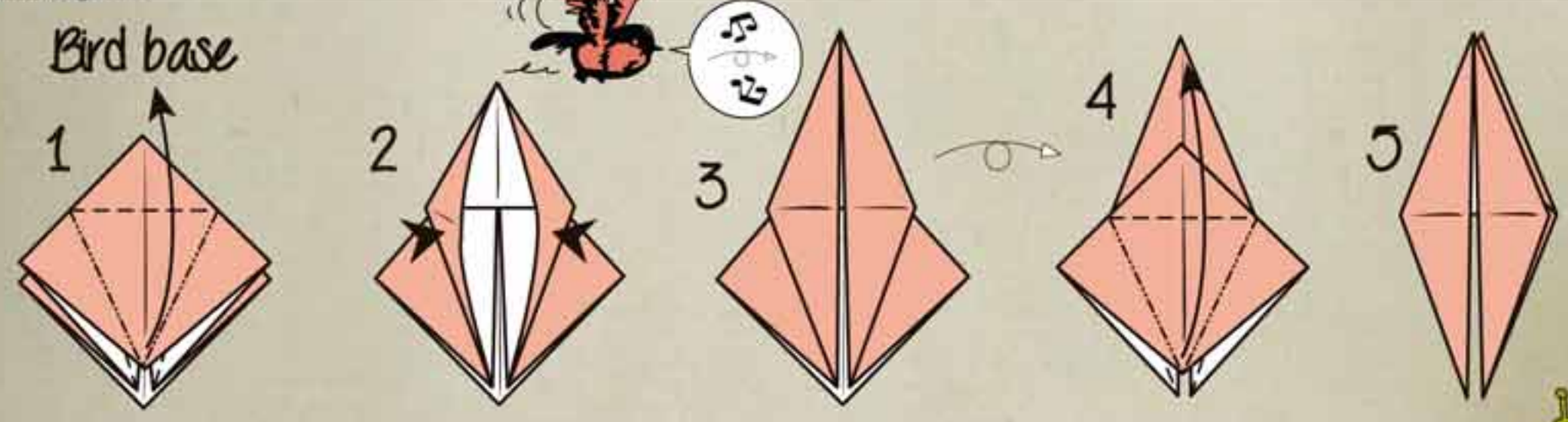


Water-bomb base

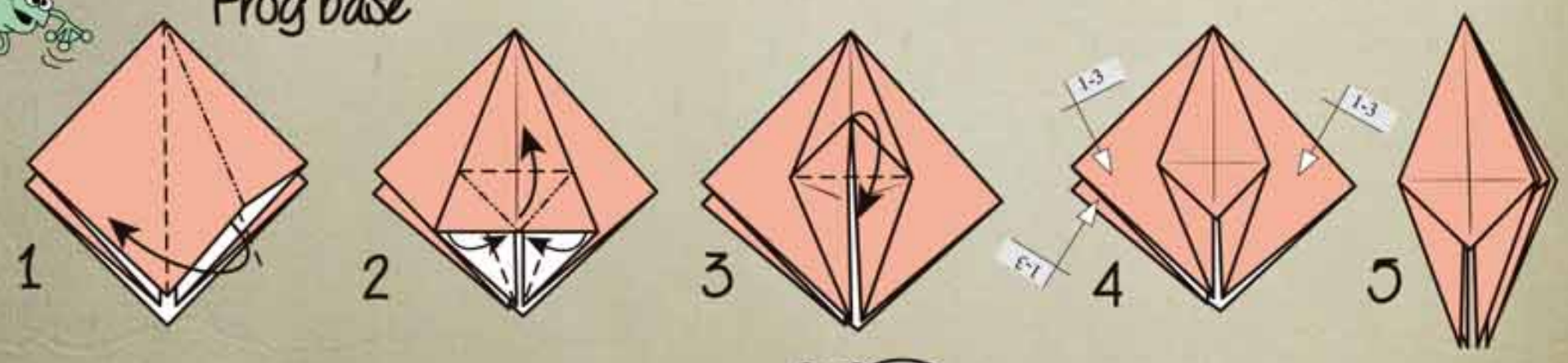


Preliminary base

Bird base

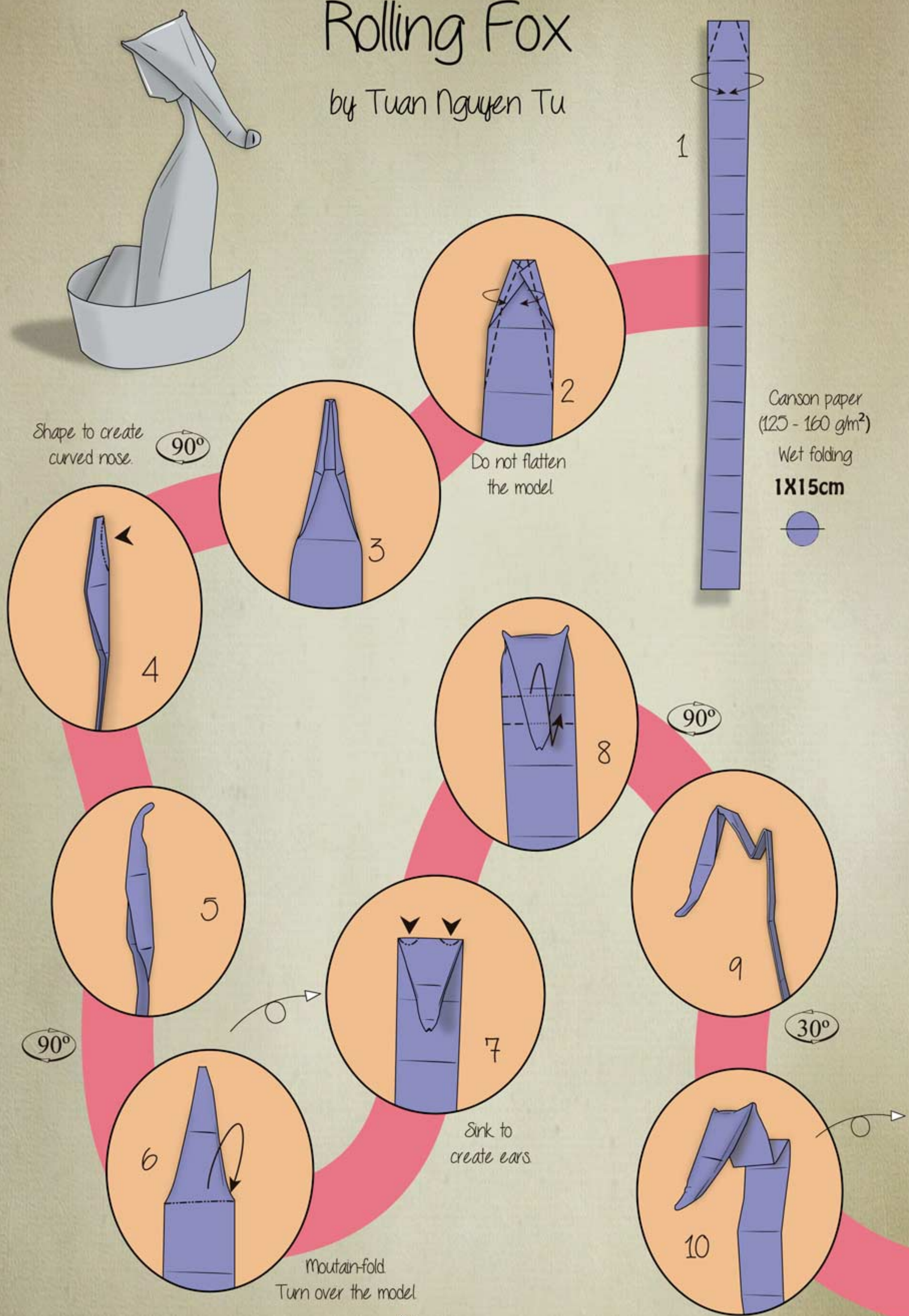


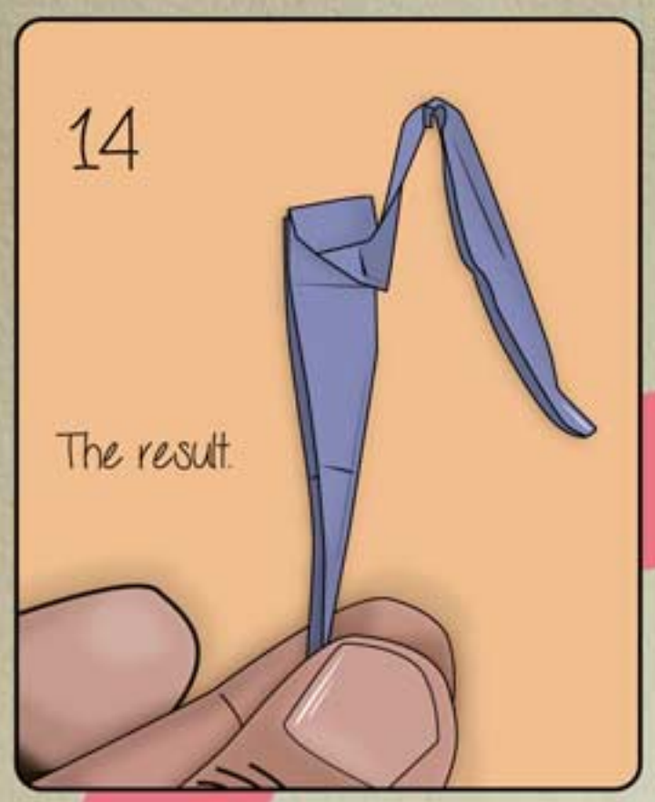
Frog base

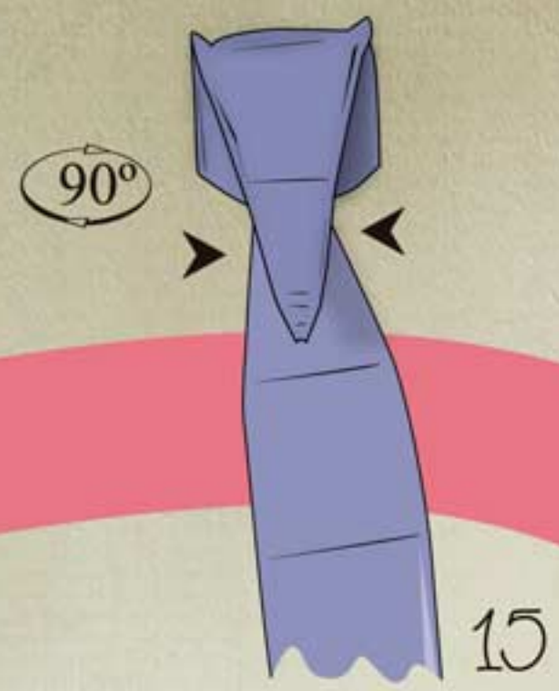


Rolling Fox

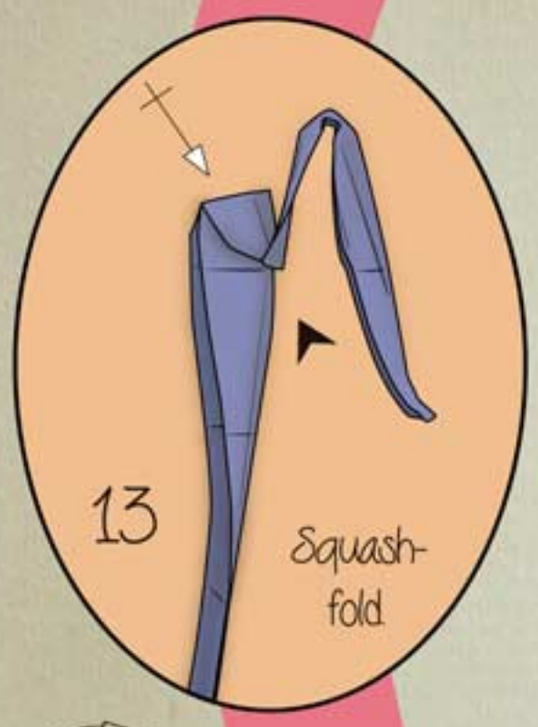
by Tuan Nguyen Tu

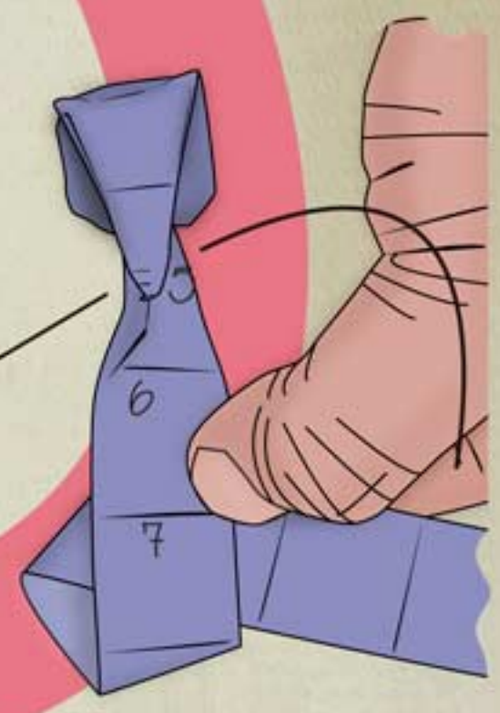




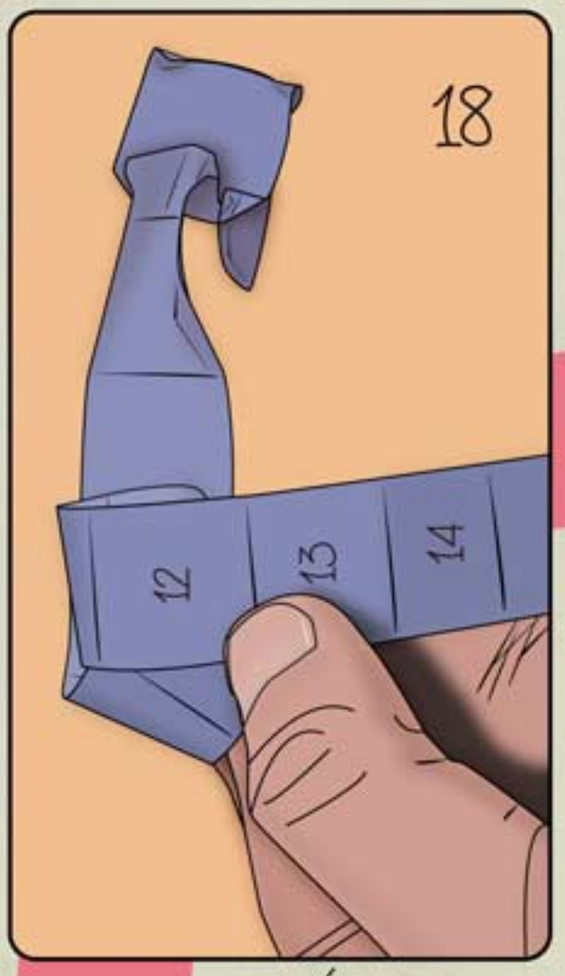


Pinch to narrow the neck

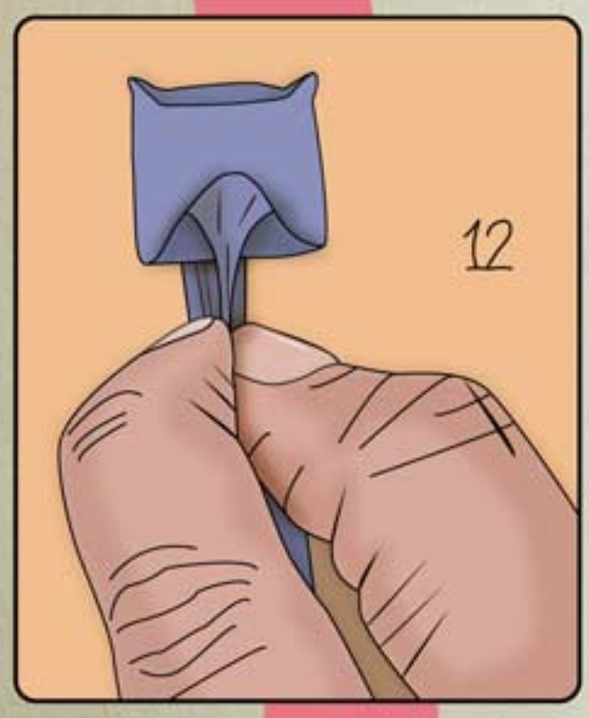


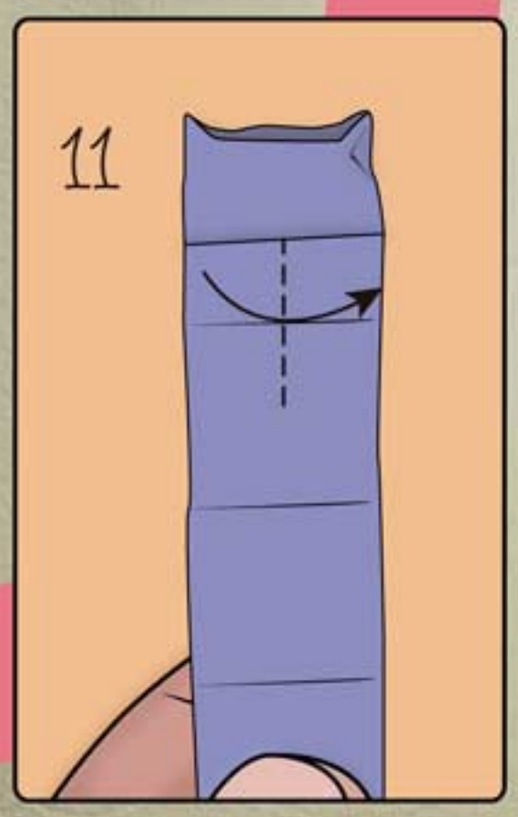


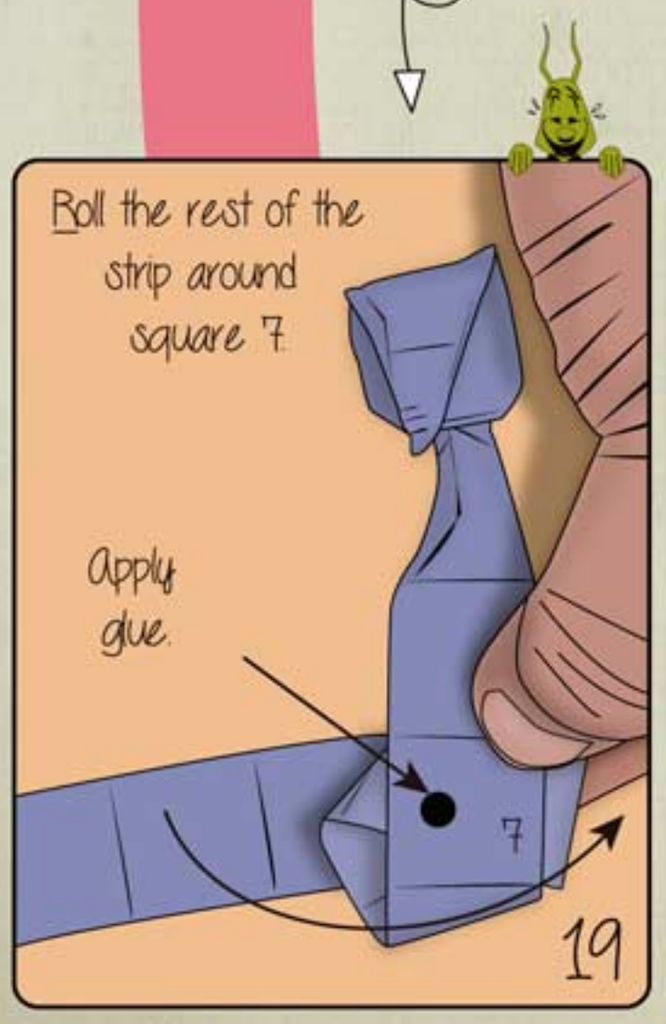
Roll the rest of the strip as drawn

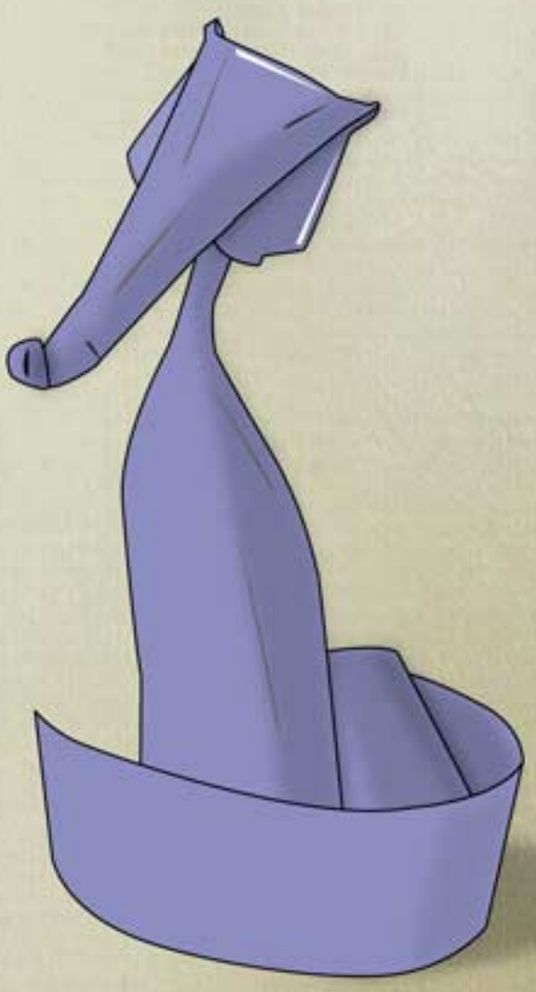


Check that you see the right number of each square.





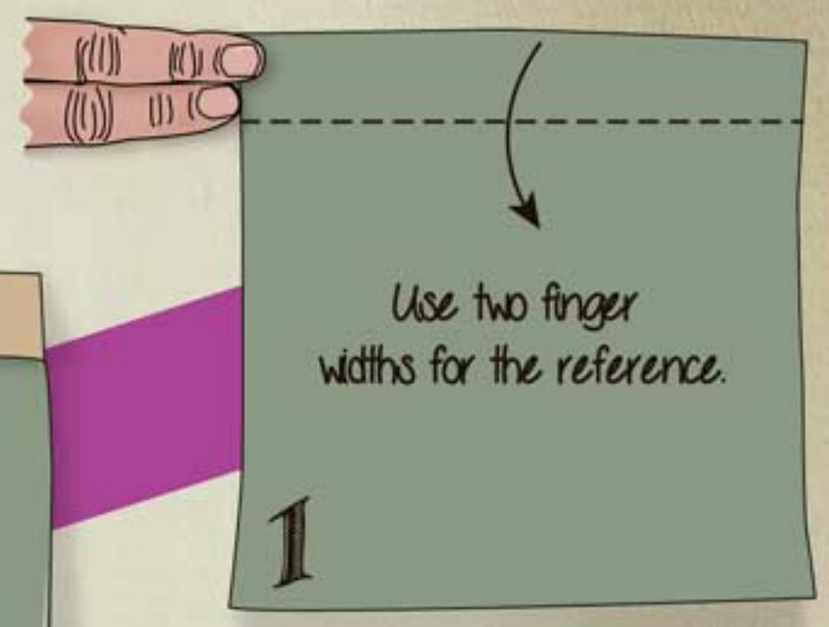


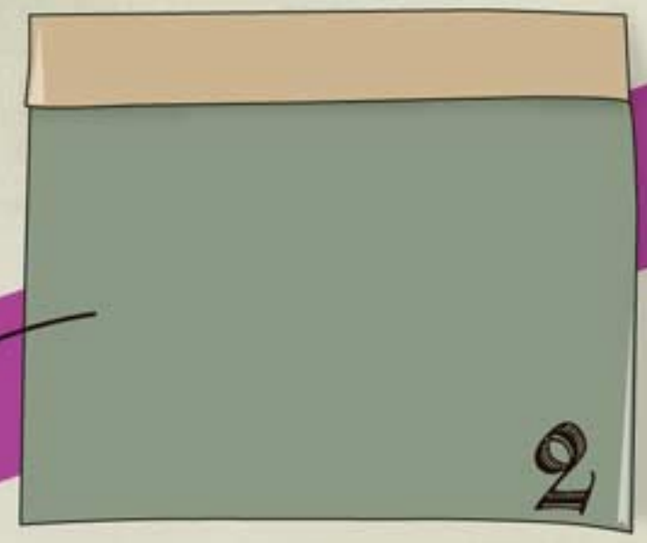


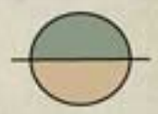
Design & Photodiagrams:
Tuan Nguyen Tu
Diagram: Halle
2013

En un lugar de la Mancha

by Victor Coeurjoly

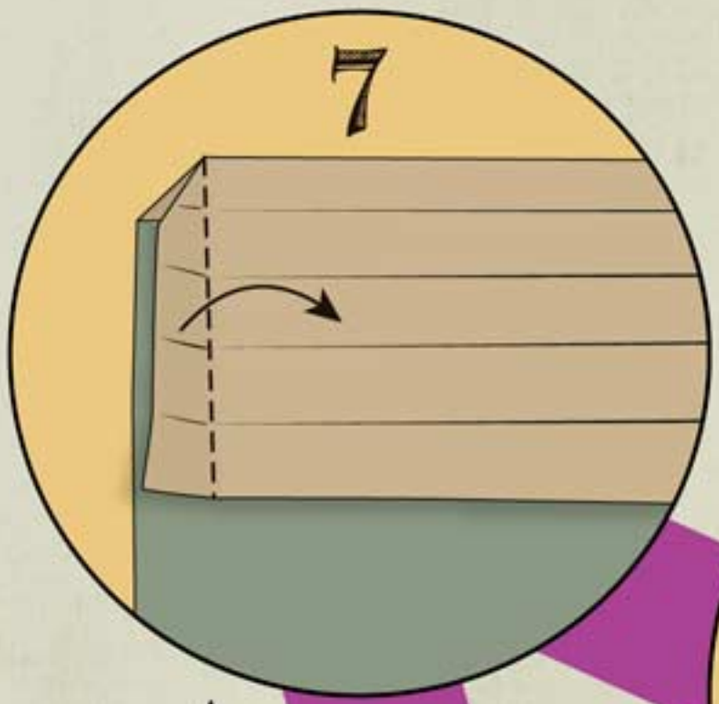


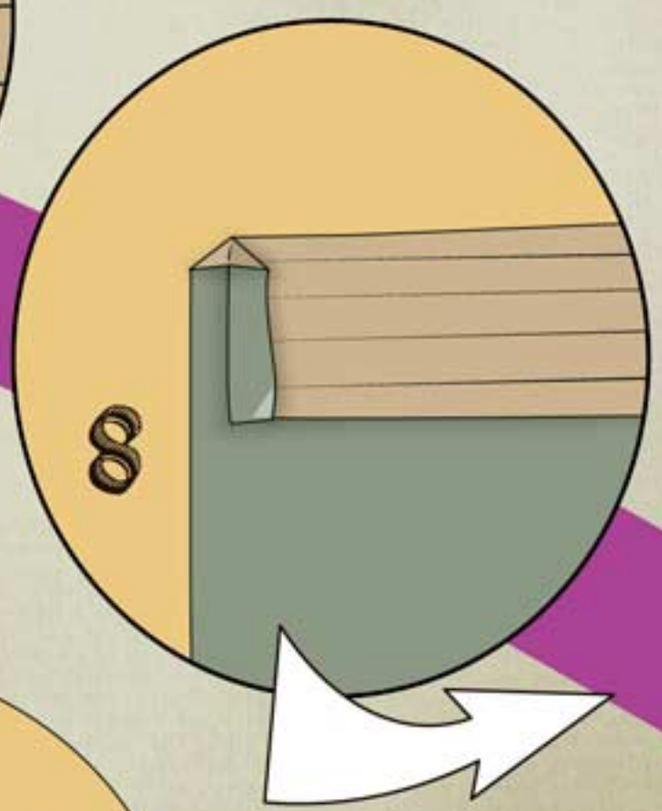


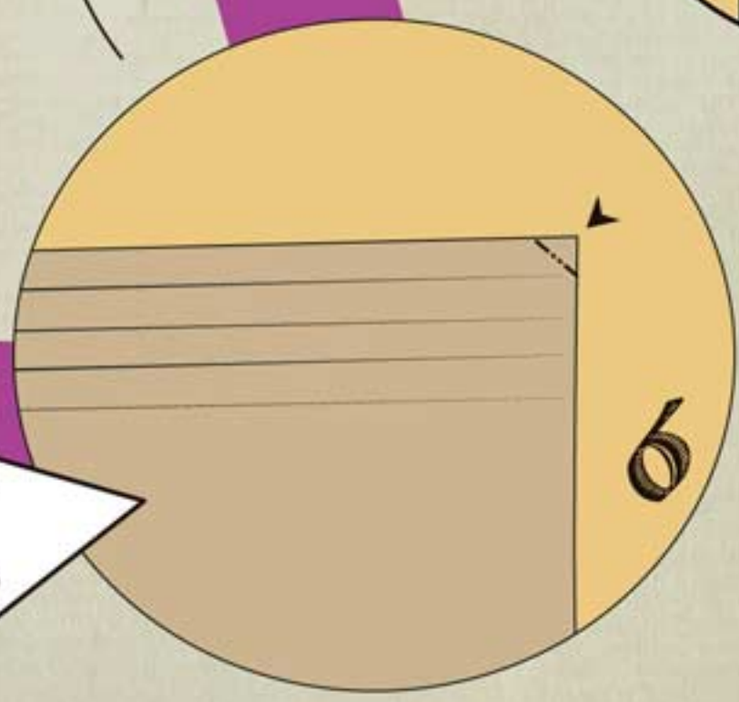


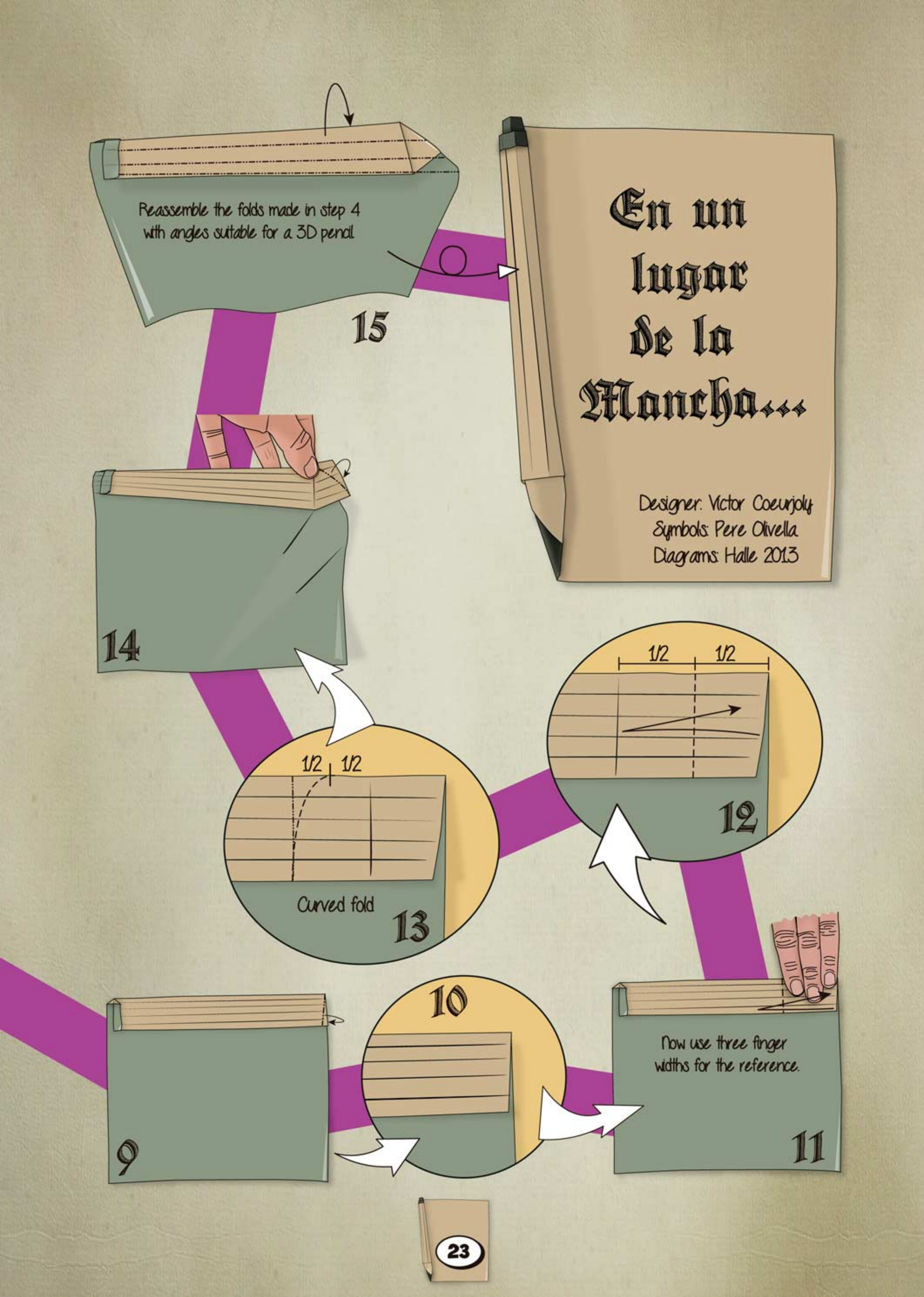
Kraft paper
20 x 20 cm

This model has no references. Steps have been suggested to guide the less adventurous, but I invite you to disobey and improvise as you fold.



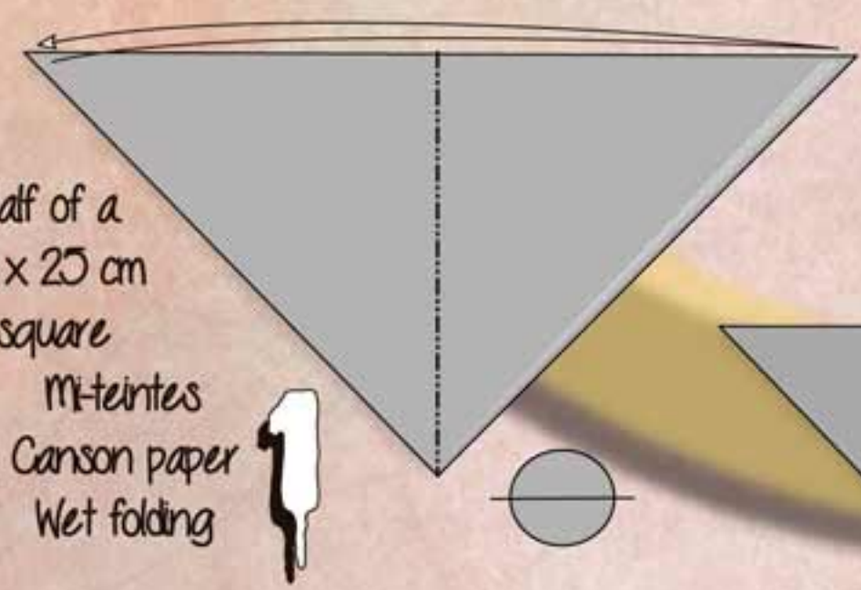


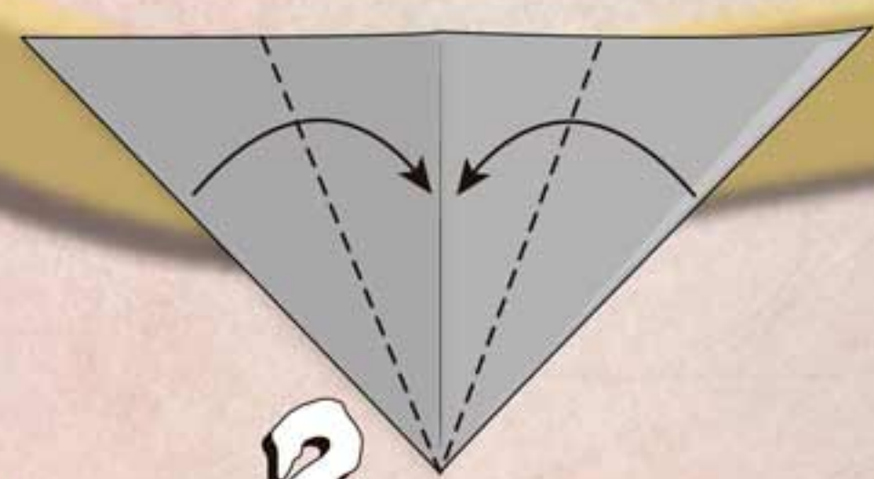


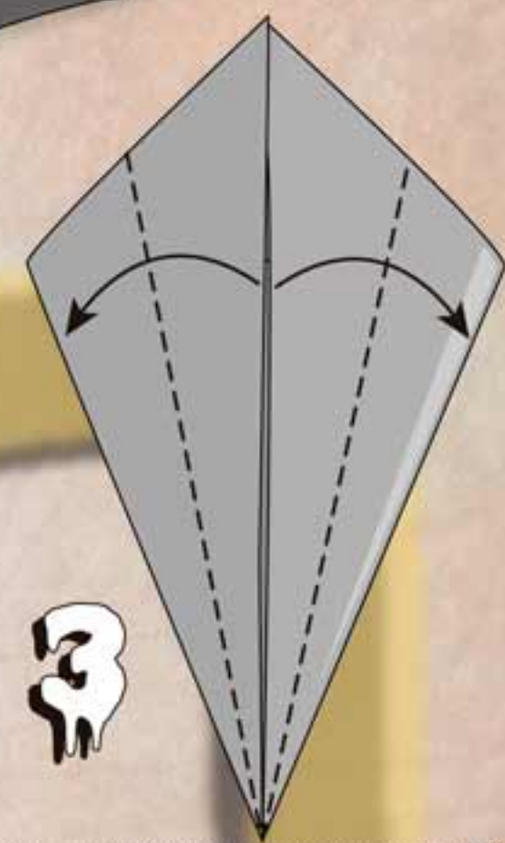

Reassemble the folds made in step 4
with angles suitable for a 3D pencil
15
En un
lugar
de la
Mancha...
Designer: Victor Coeurjoly
Symbols: Pere Olivella
Diagrams: Halle 2013
14
1/2
1/2
1/2
1/2
12
Curved fold
13
10
Now use three finger
widths for the reference.
9
11
23

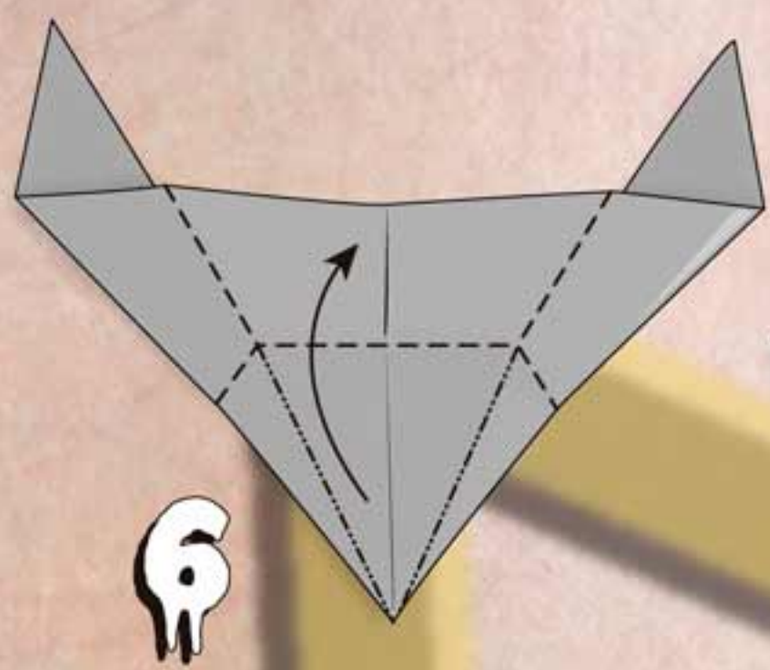
Bat

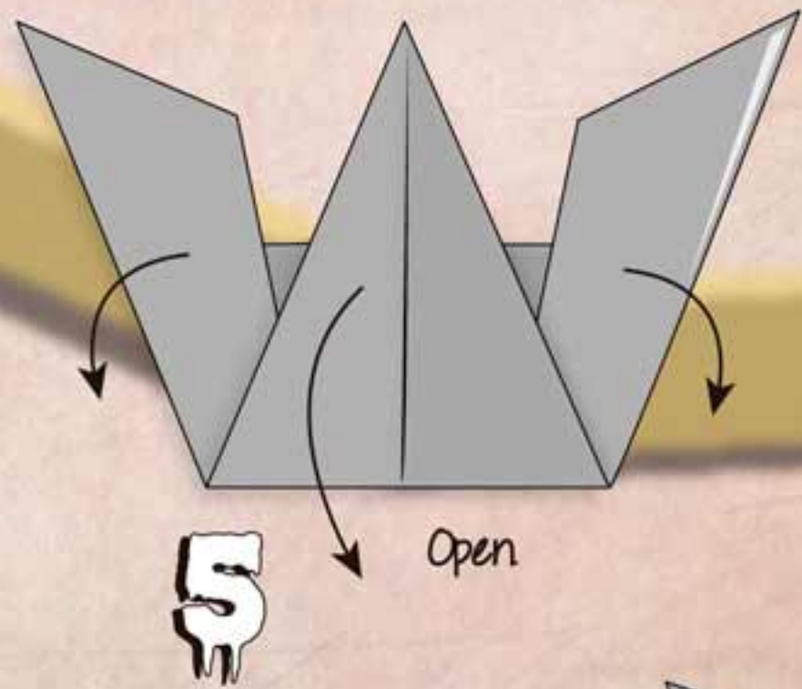
by Ángel Morollón

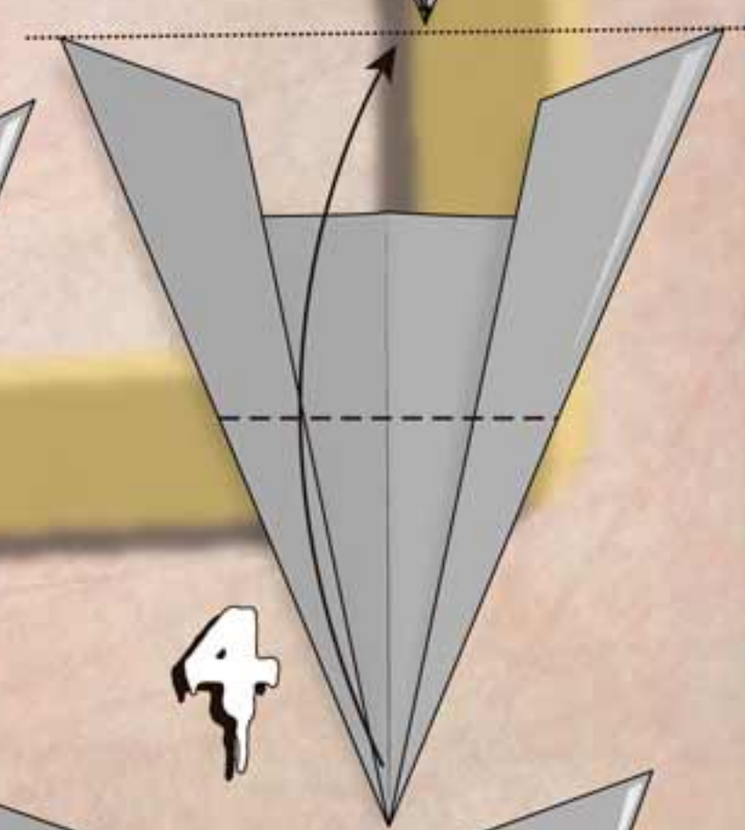


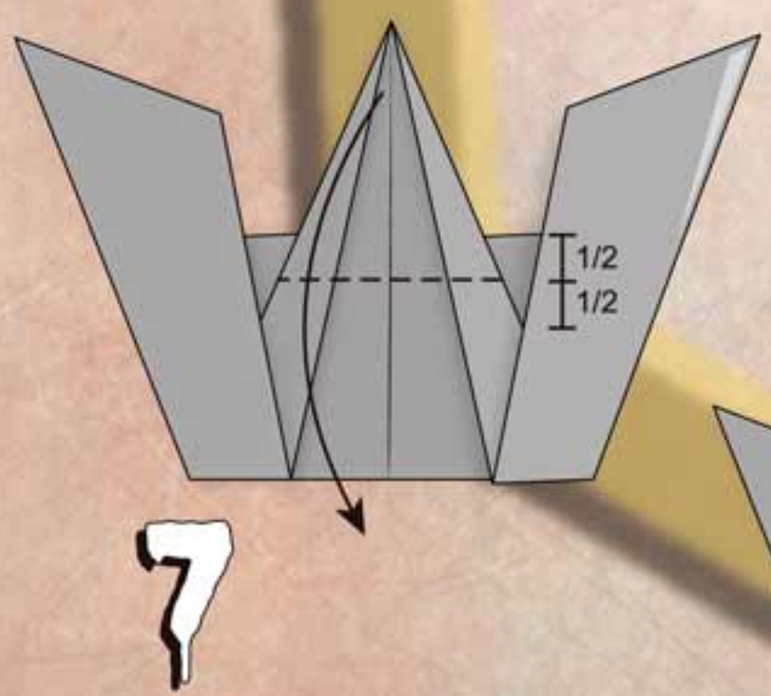


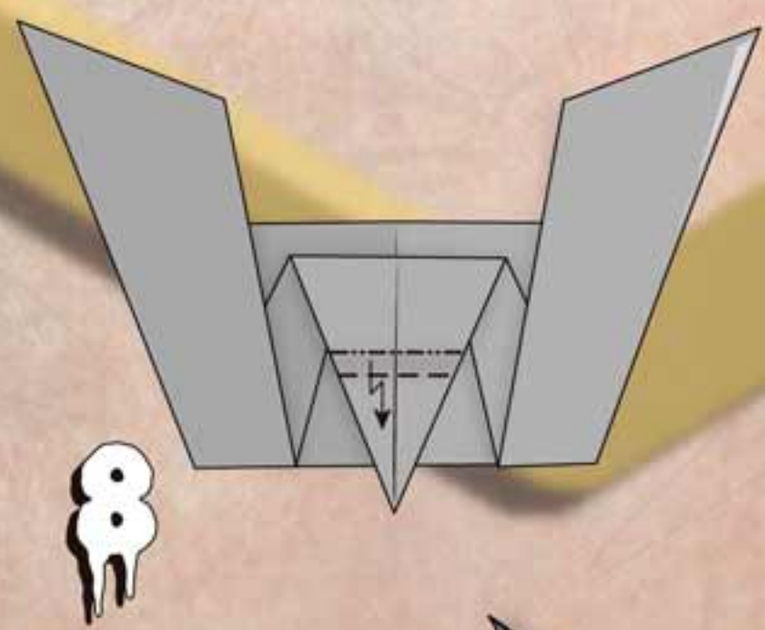


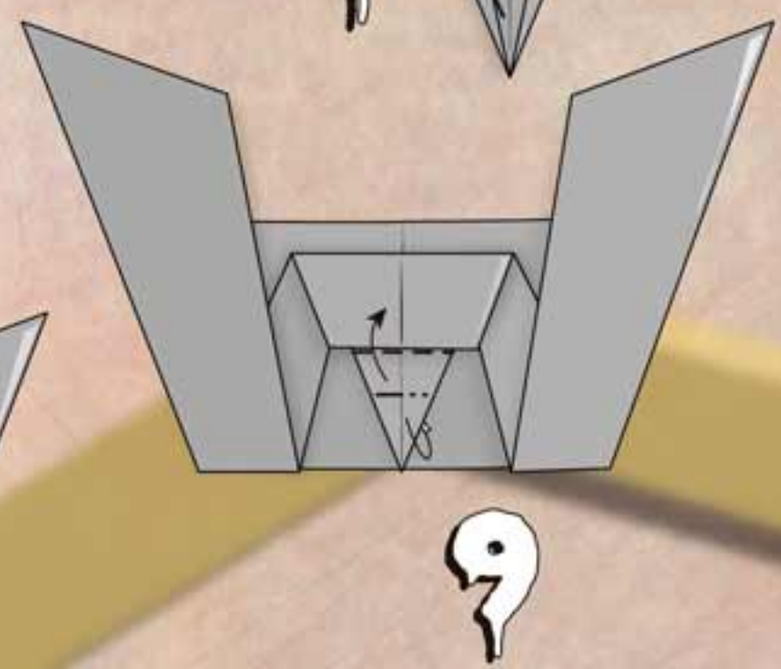


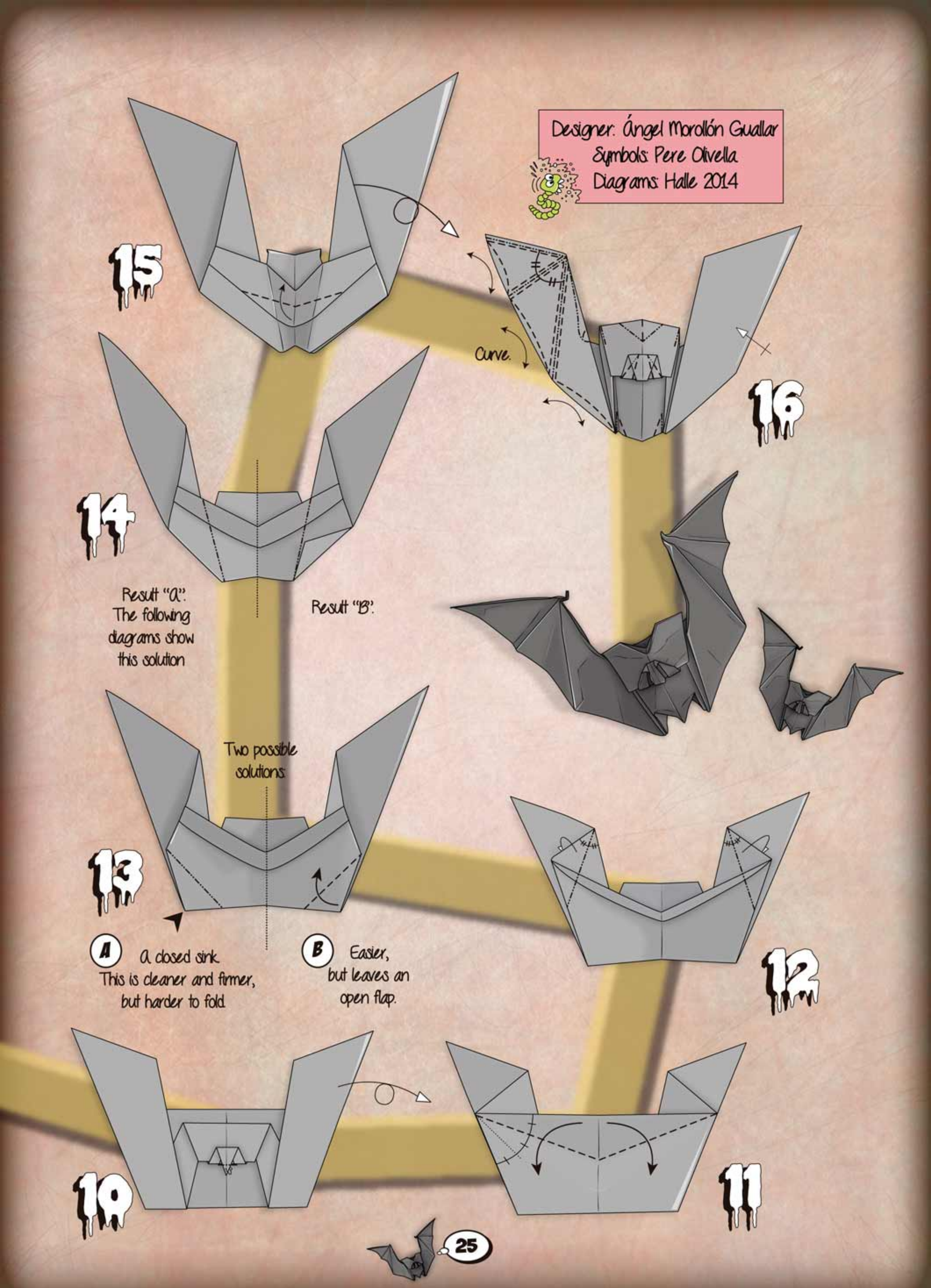






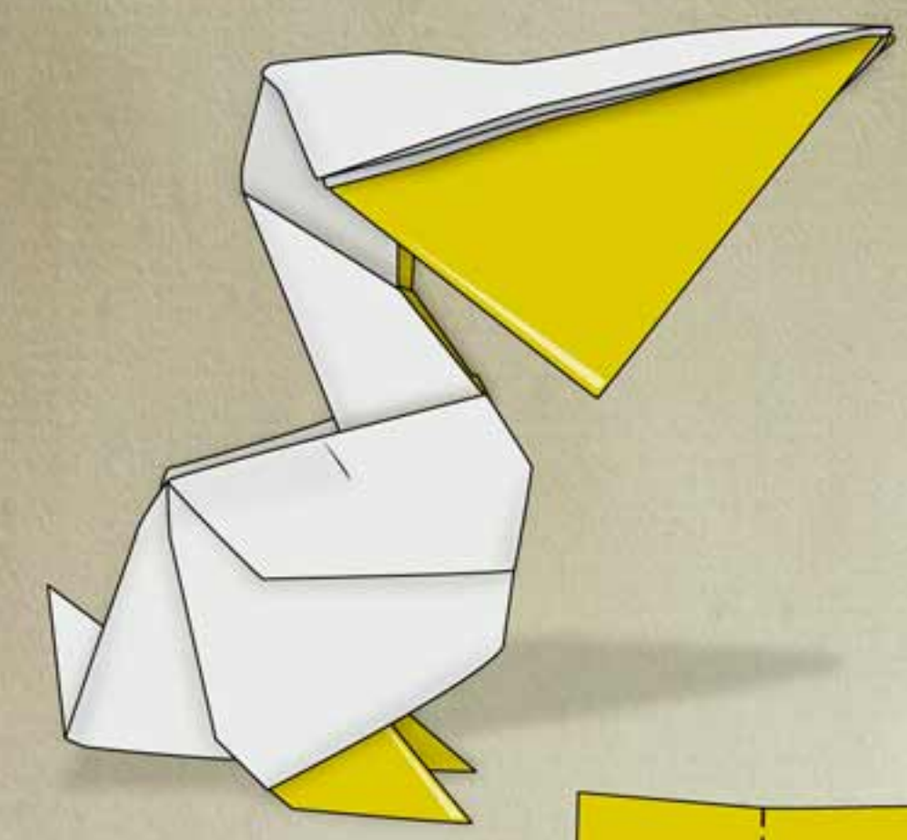


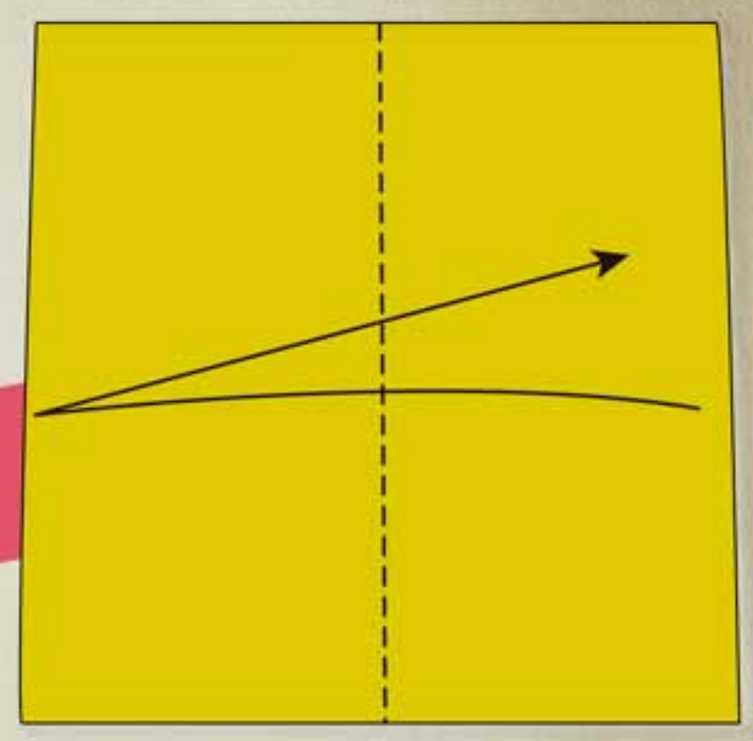



Designer: Ángel Morollón Gualler
Symbols: Pere Olivella
Diagrams: Halle 2014
15
Curve.
16
14
Result "A".
The following
diagrams show
this solution
Result "B".
Two possible
solutions
13
A
a closed sink.
This is cleaner and firmer,
but harder to fold
B
Easier,
but leaves an
open flap.
12
10
11

PELICAN

by Patricio Kunz Tomic

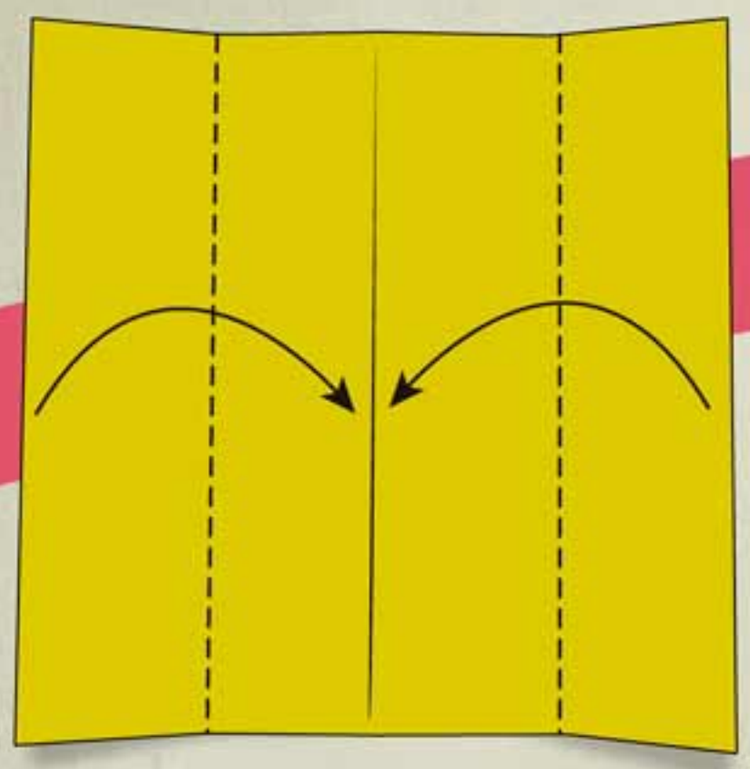




1

Canson paper 110 g/m²
or Elephant Hide or
Rhino Hide
Wet folding

20x20cm



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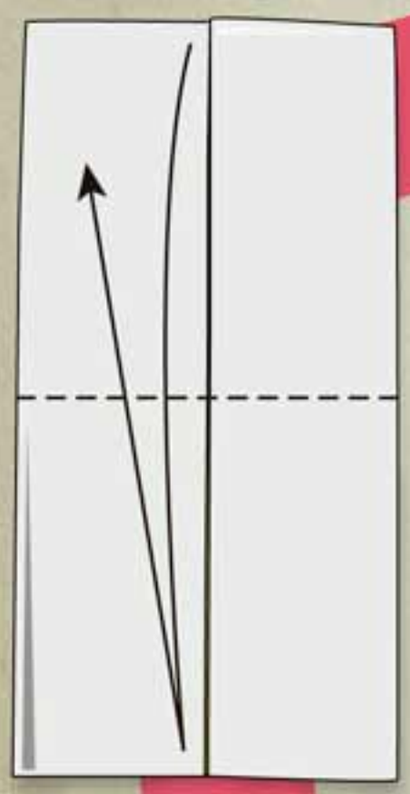

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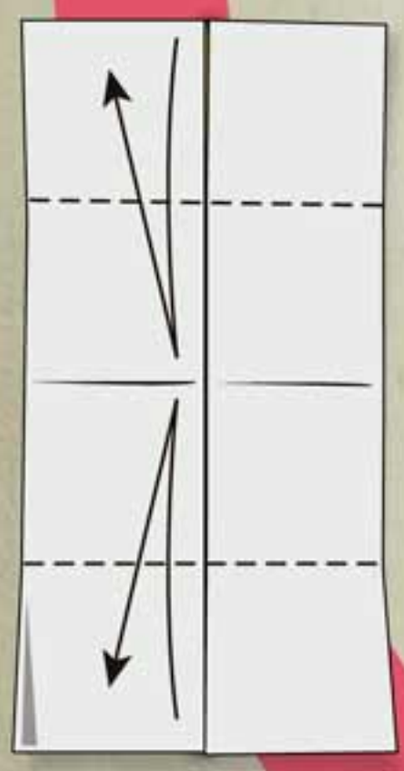

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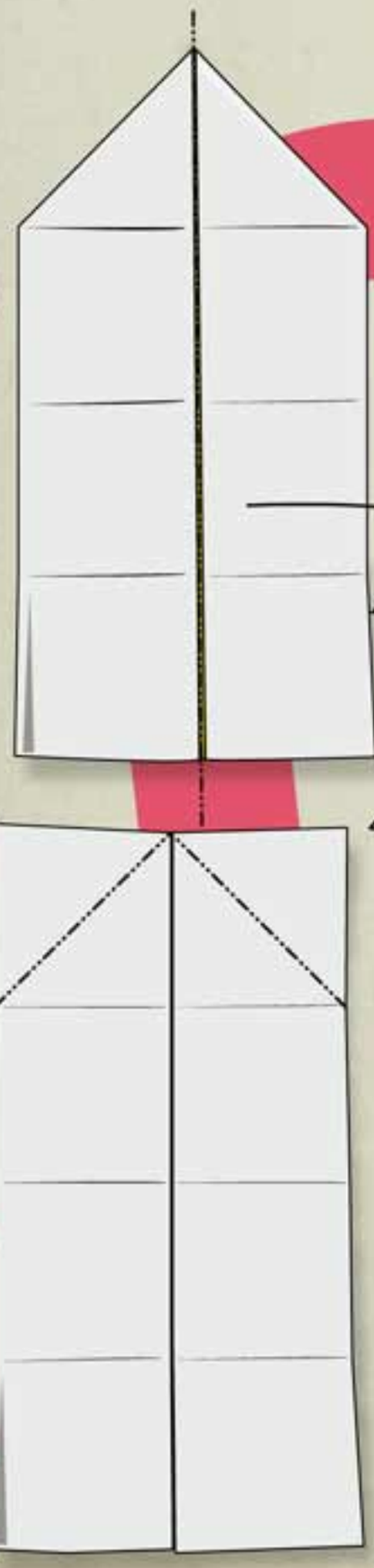
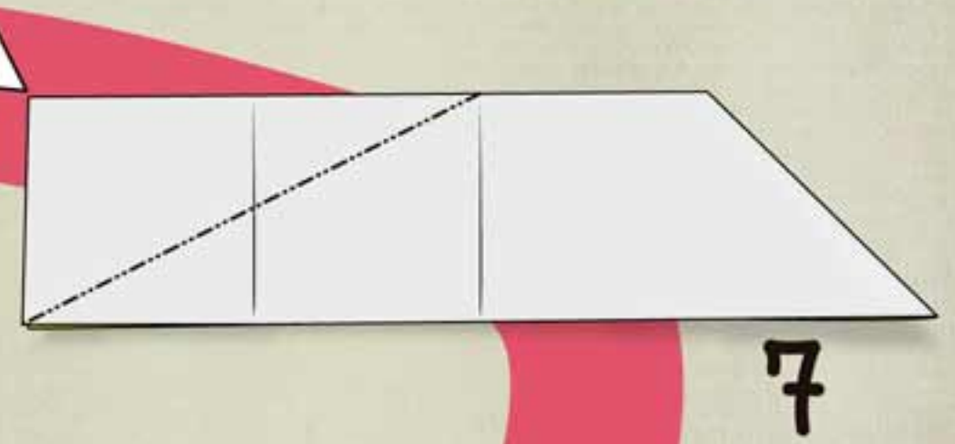


5

6



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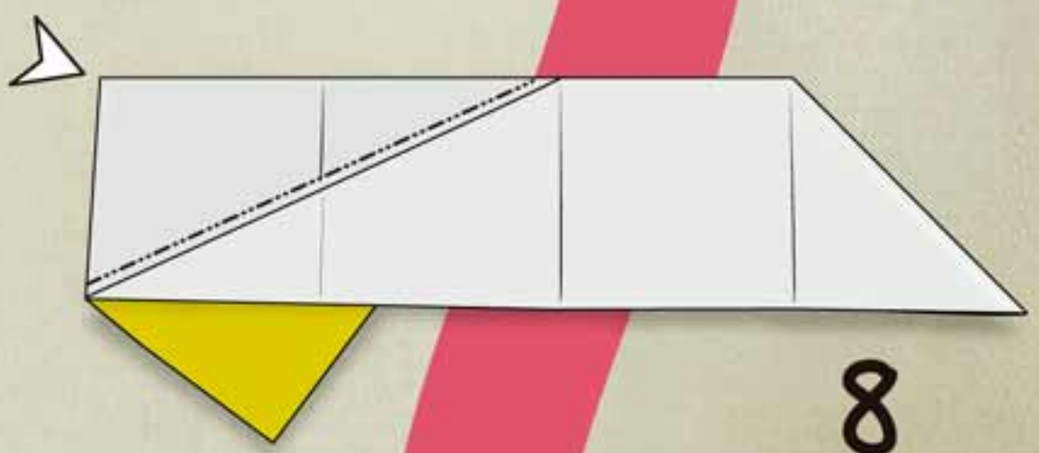

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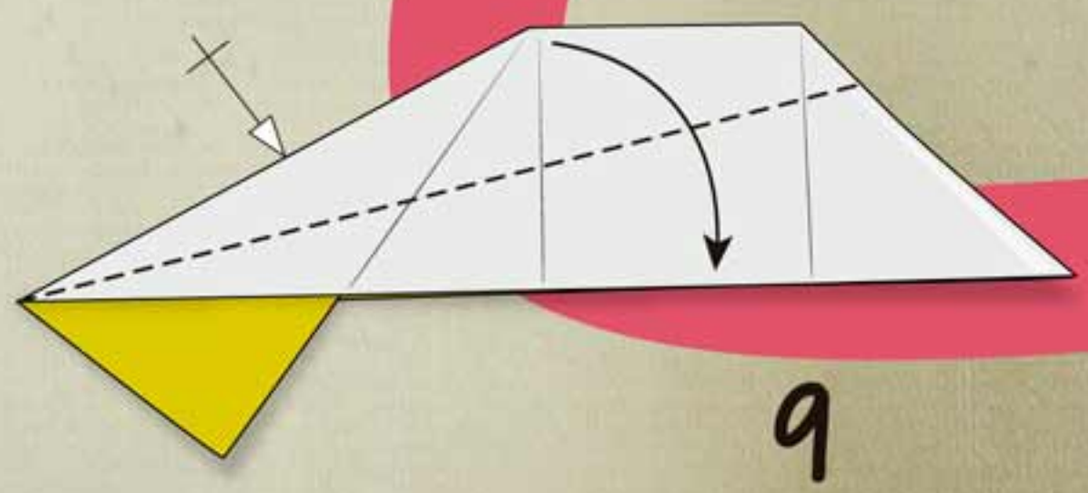
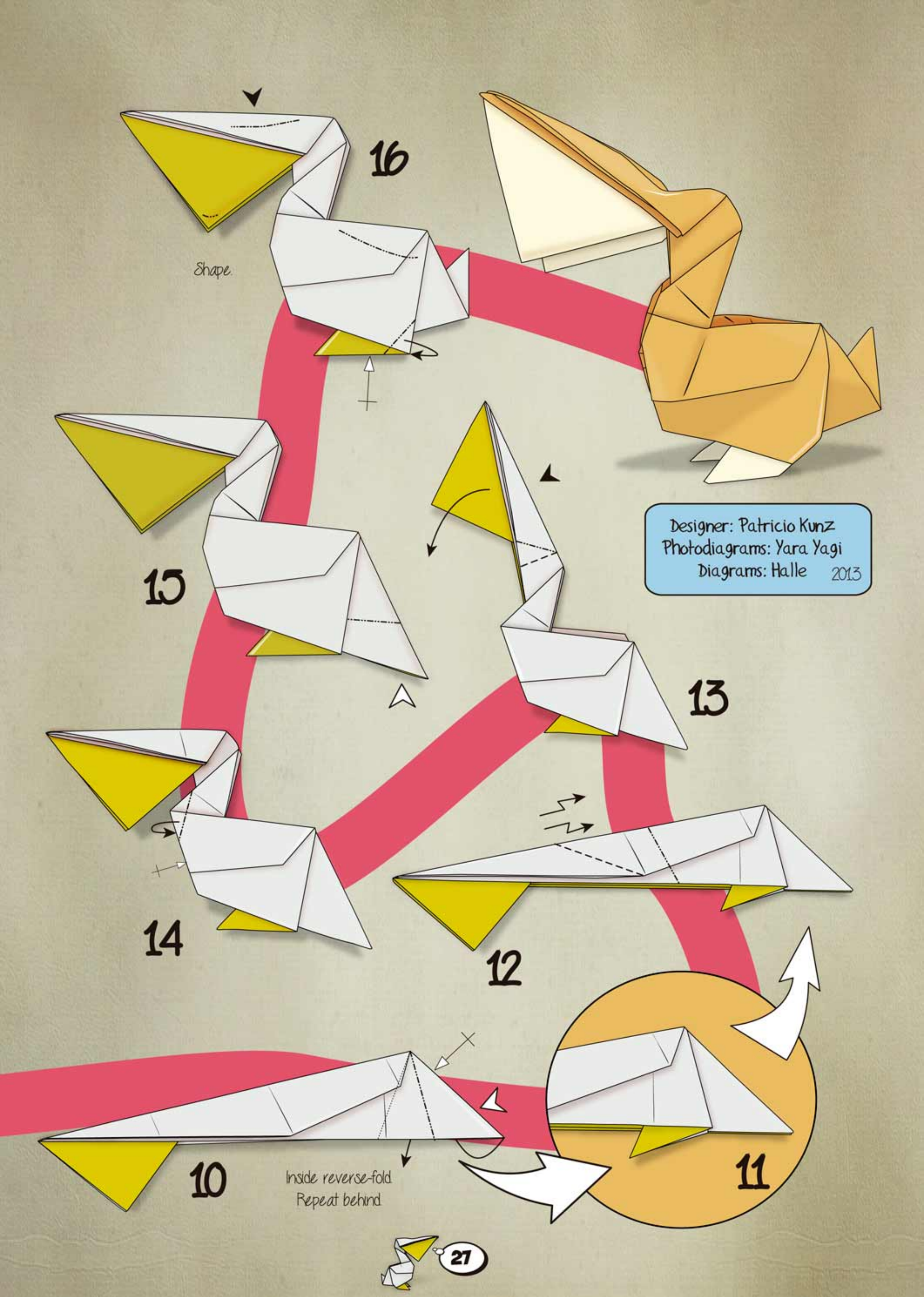
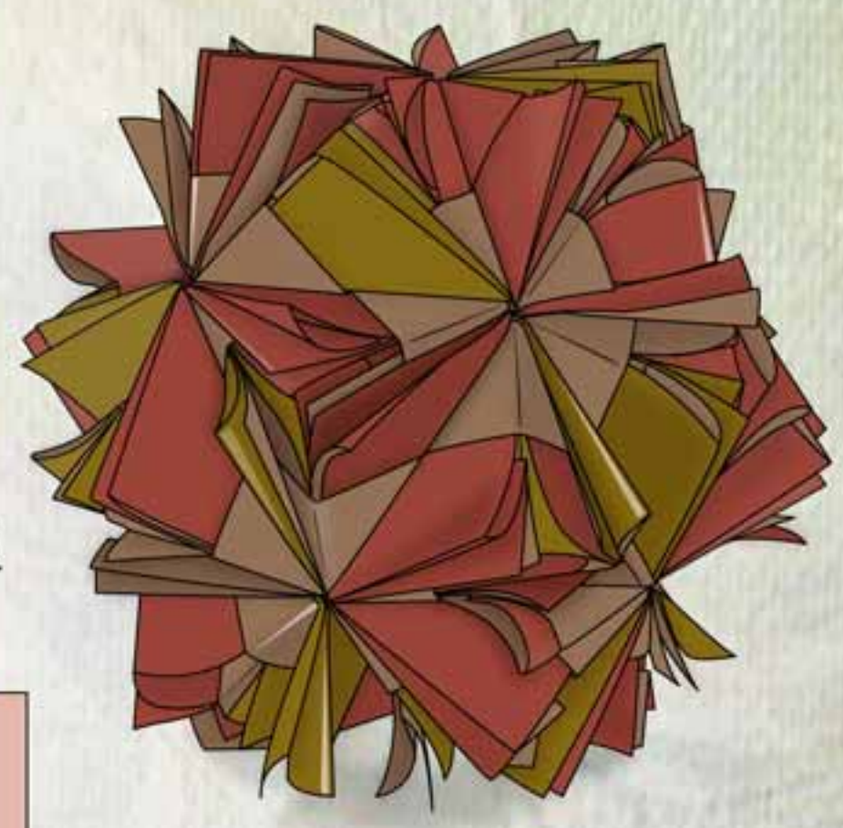


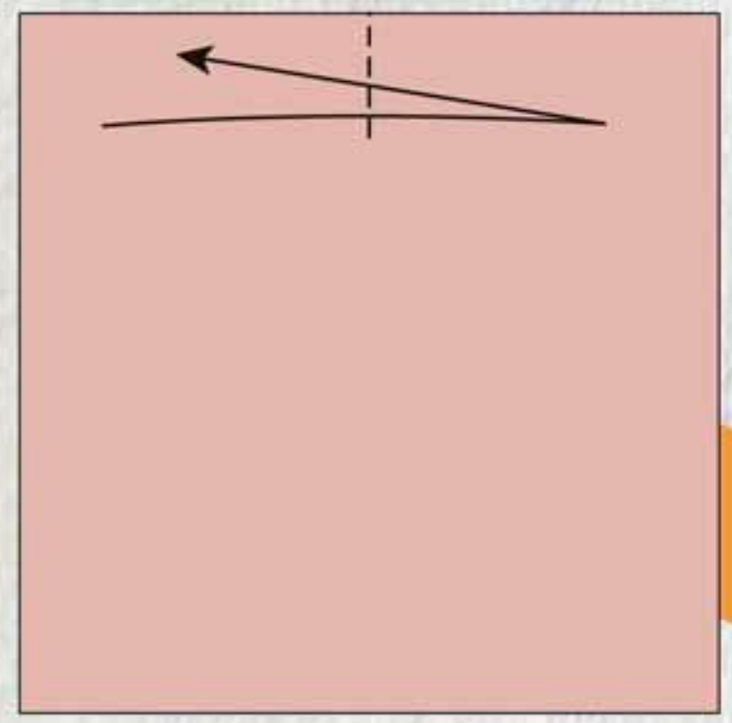
9


16
Shape
15
14
13
12
11
10
Inside reverse-fold
Repeat behind
Designer: Patricio Kunz
Photodiagrams: Yara Yagi
Diagrams: Halle 2013
27

FLUFFY SONOBE

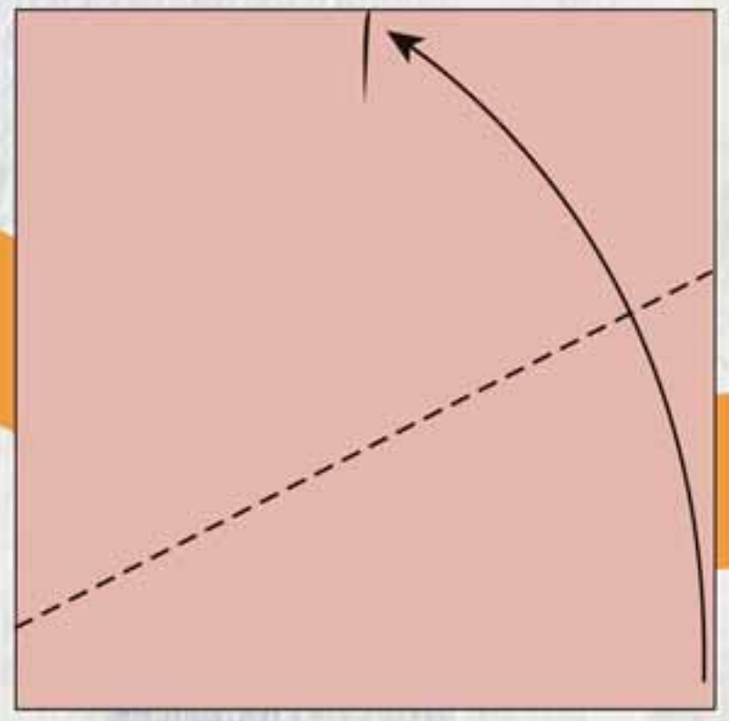
by Maria Sinayskaya





1

10 x 10 cm
Kami paper



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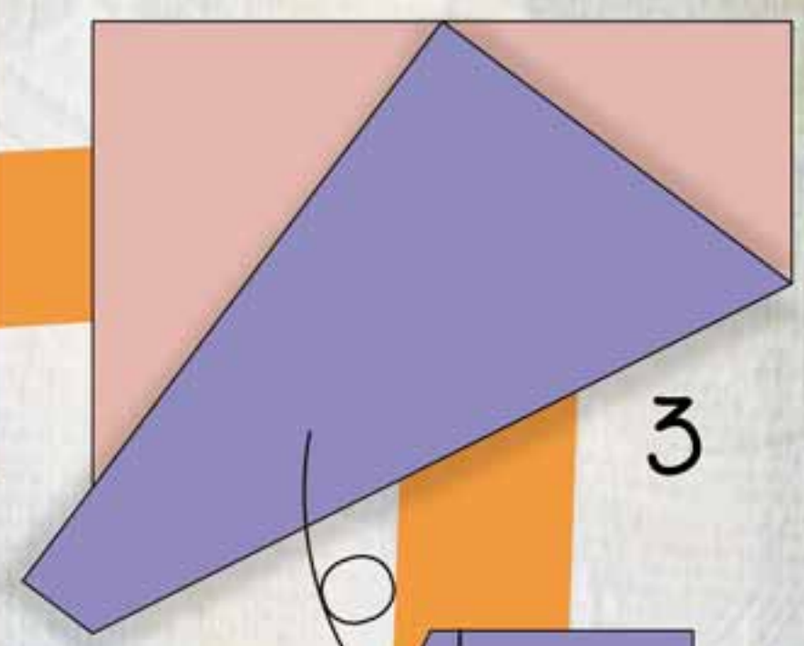

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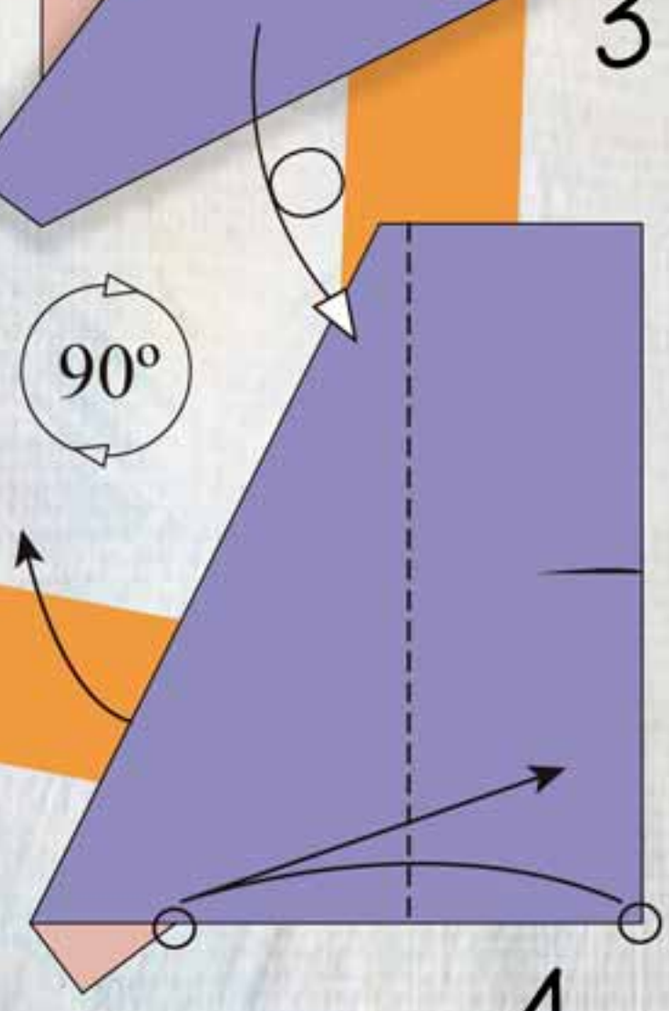

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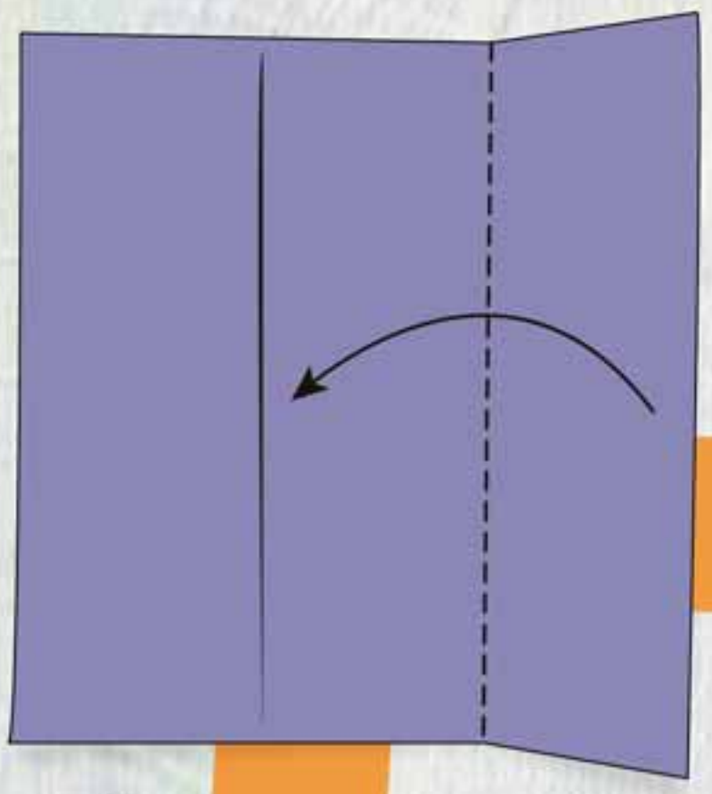

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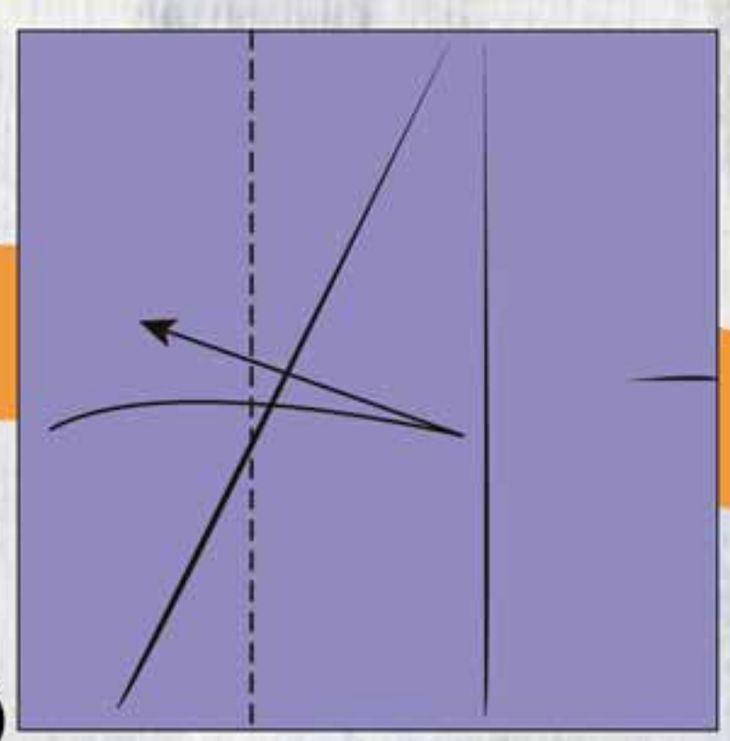

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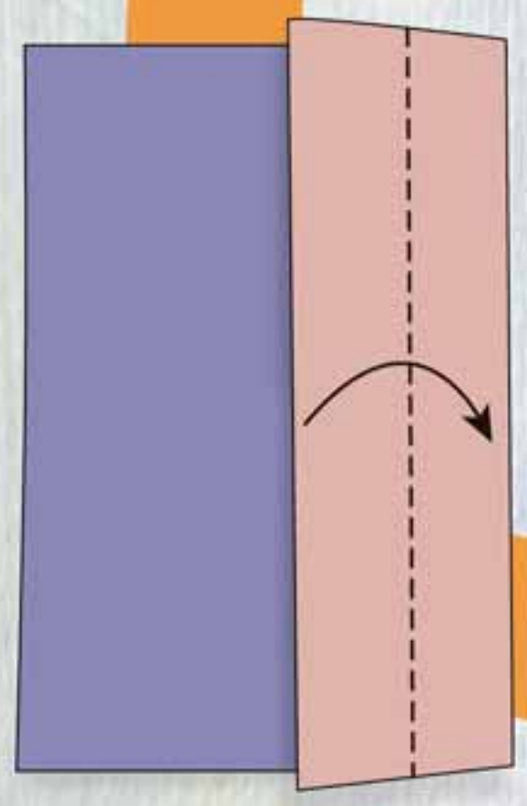

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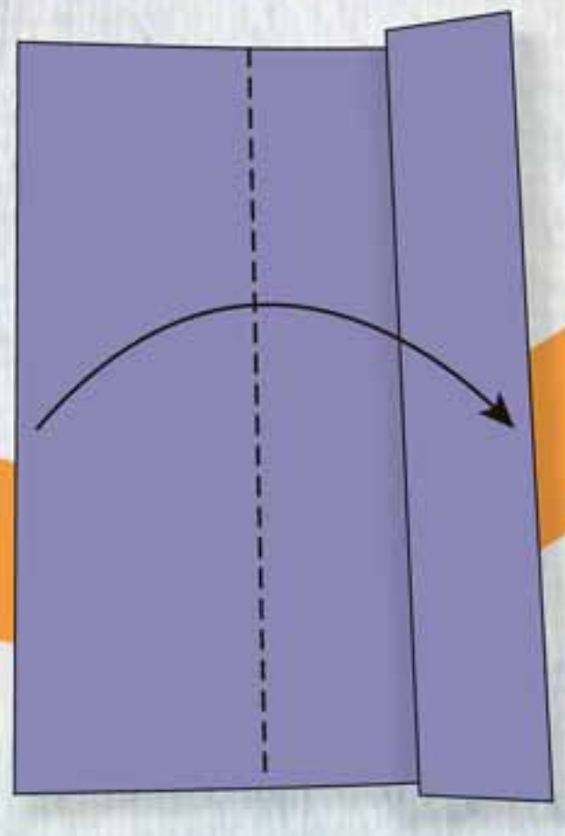

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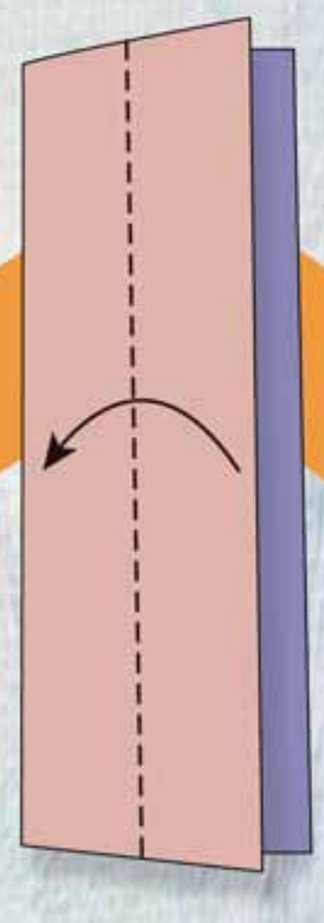

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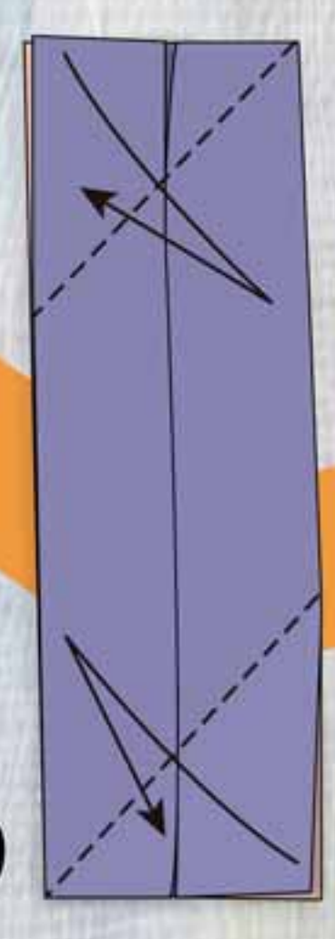

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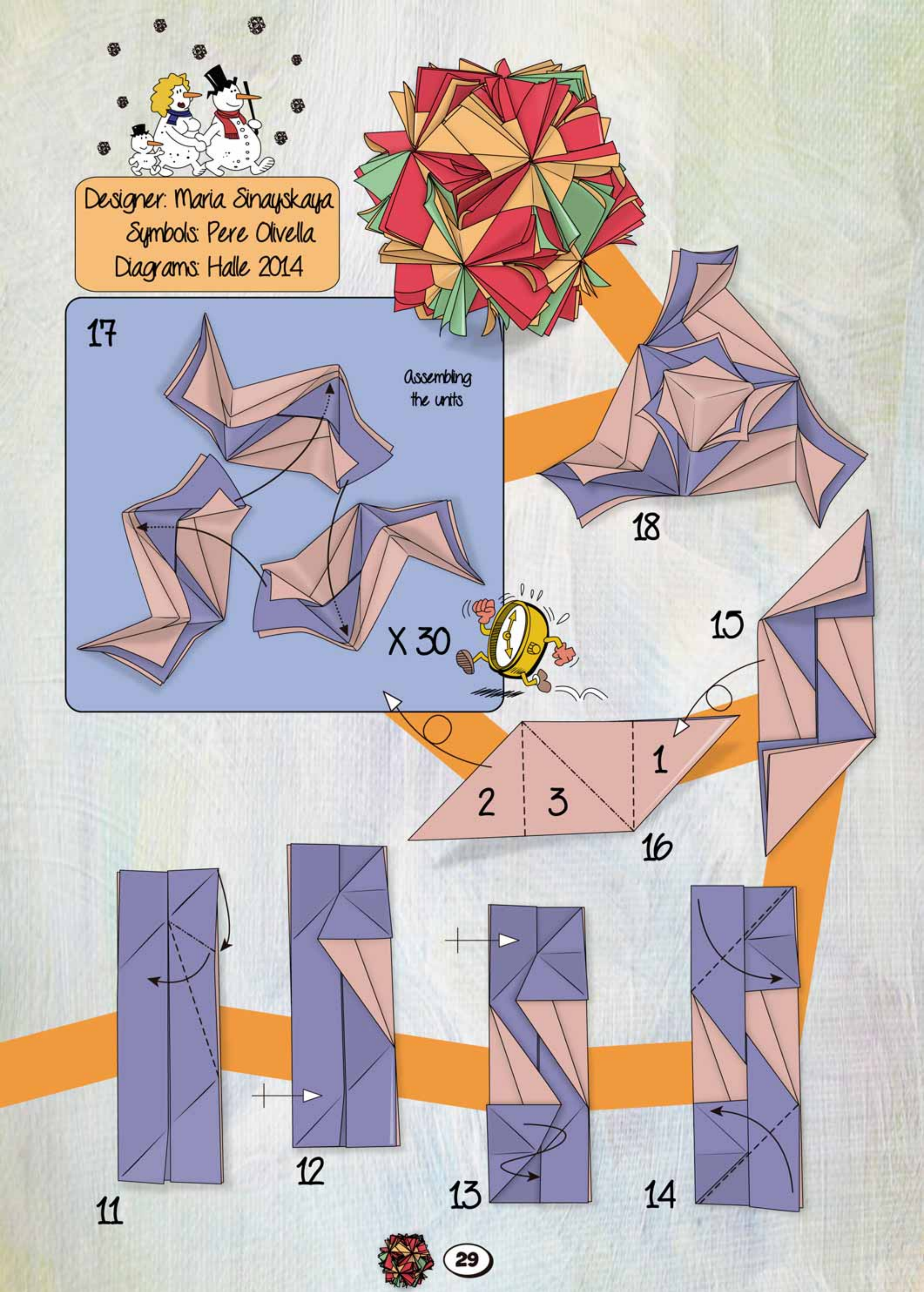
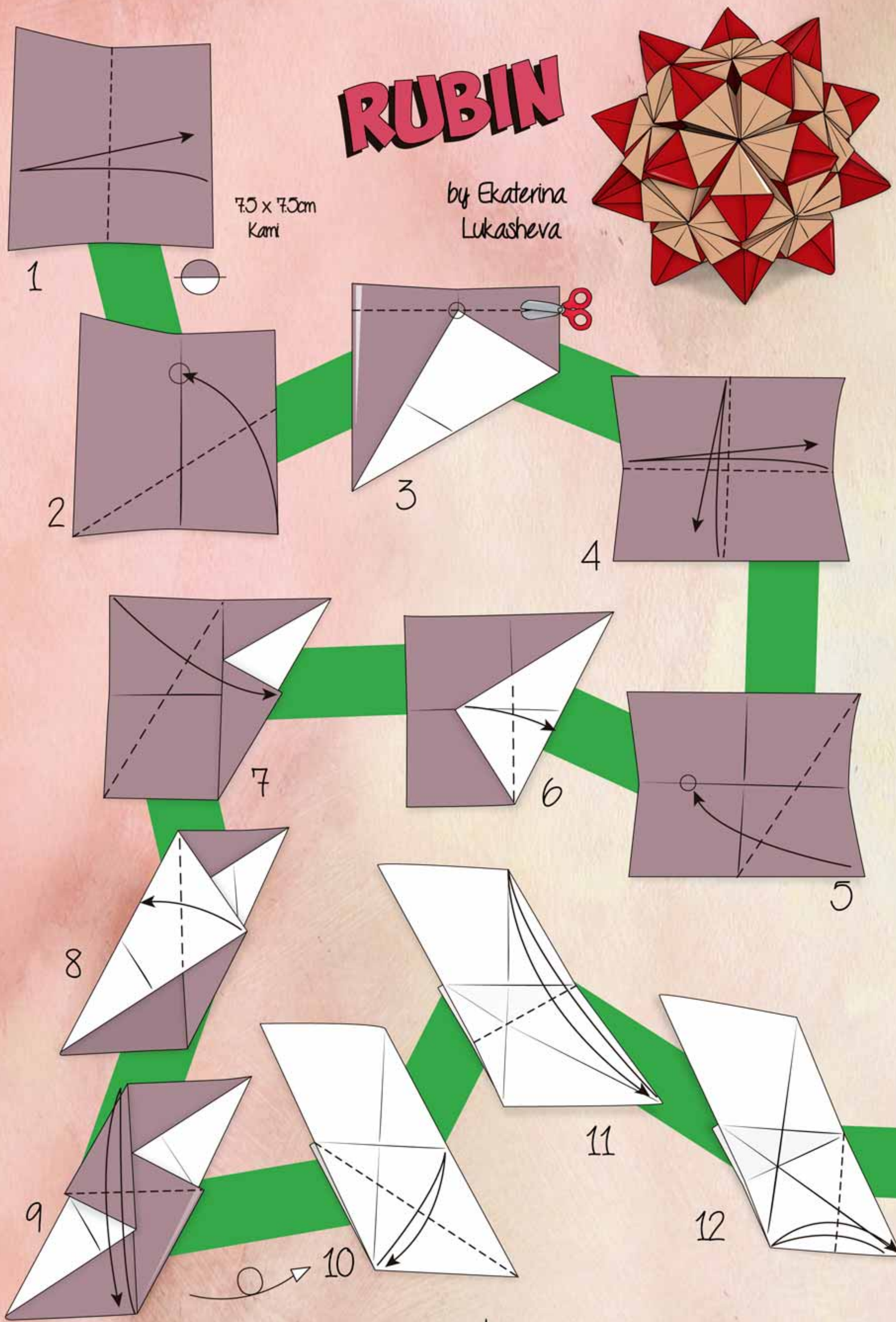
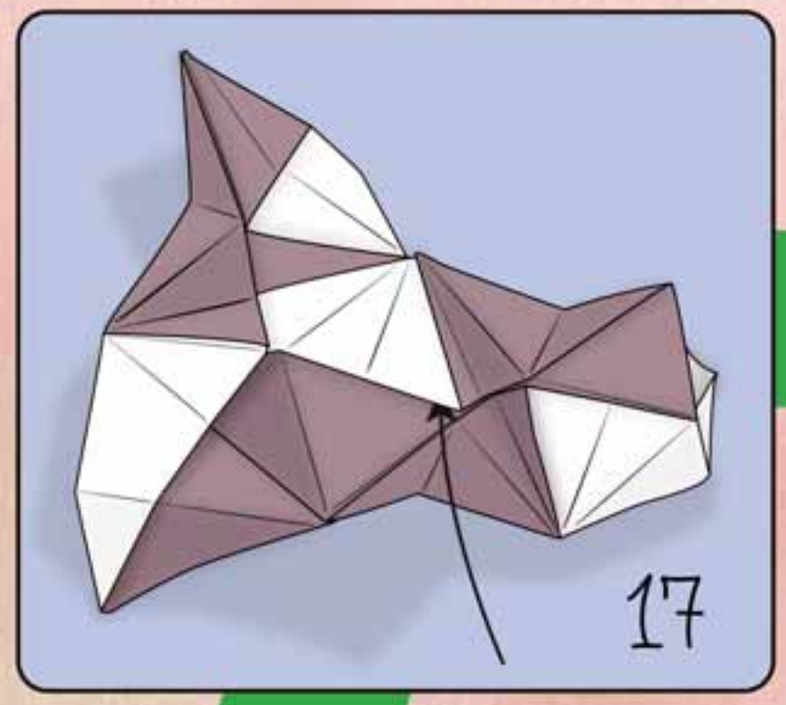

Designer: Maria Sinayskaya
Symbols: Pere Olivella
Diagrams: Halle 2014
17
Assembling the units
X 30
18
15
1
2
3
16
11
12
13
14

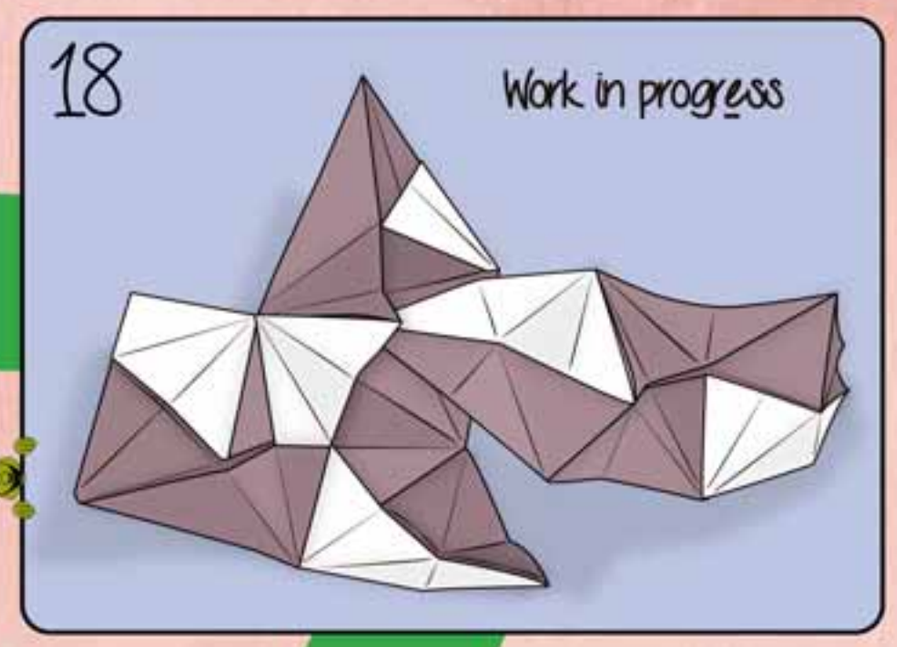
RUBIN

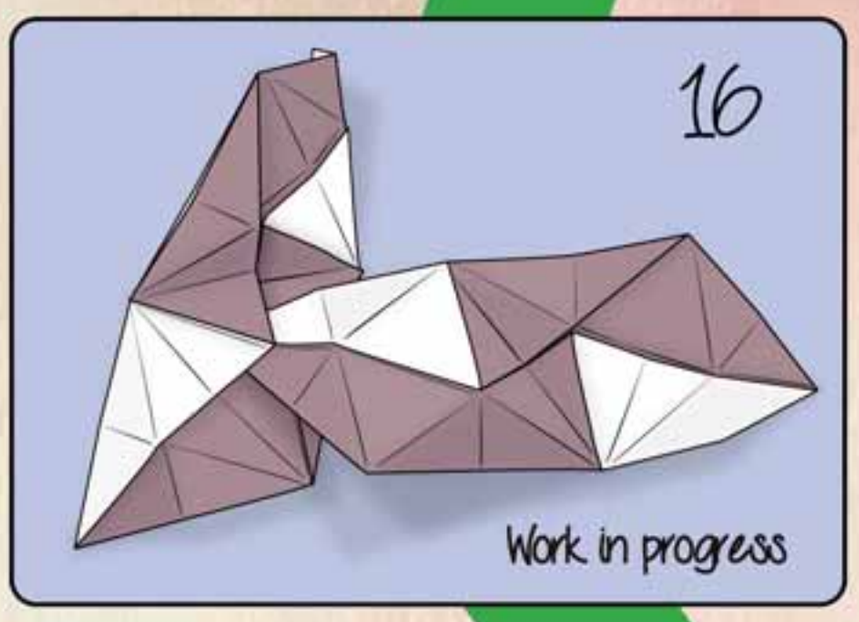
by Ekaterina Lukasheva

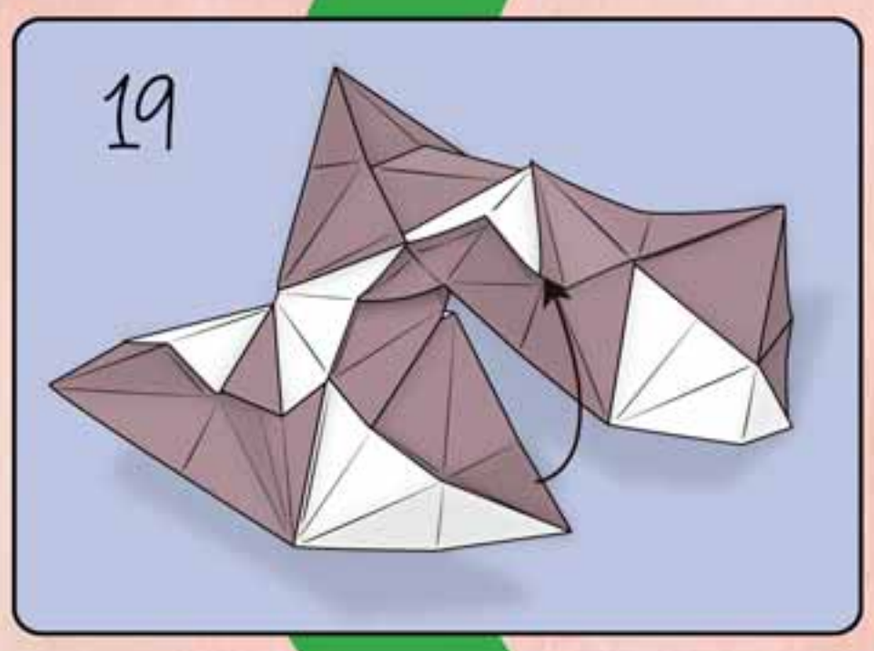
7.5 x 7.5cm
Kami

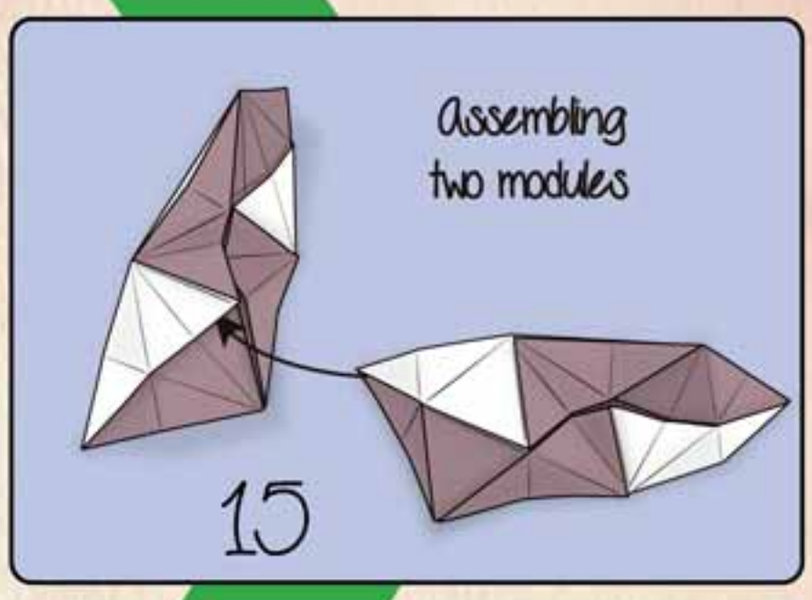


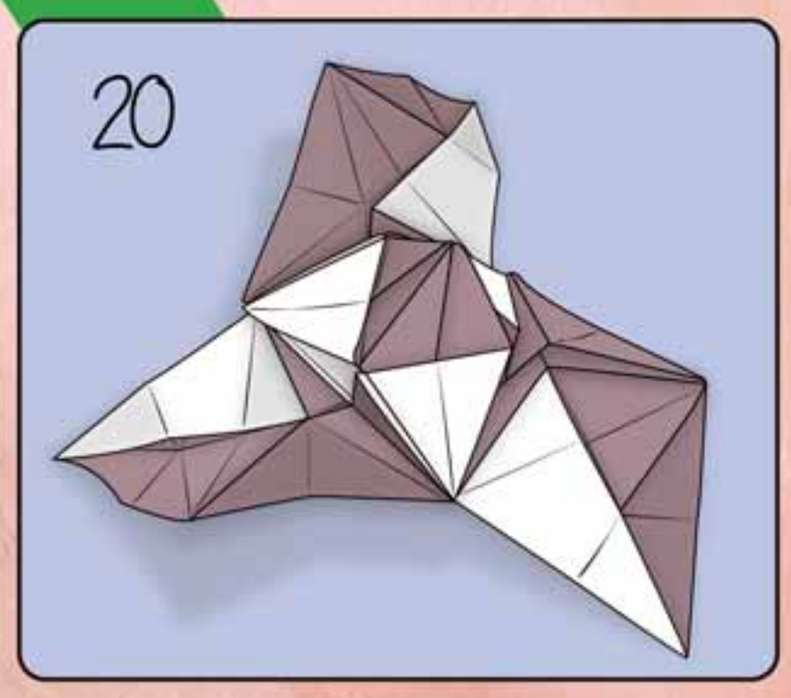




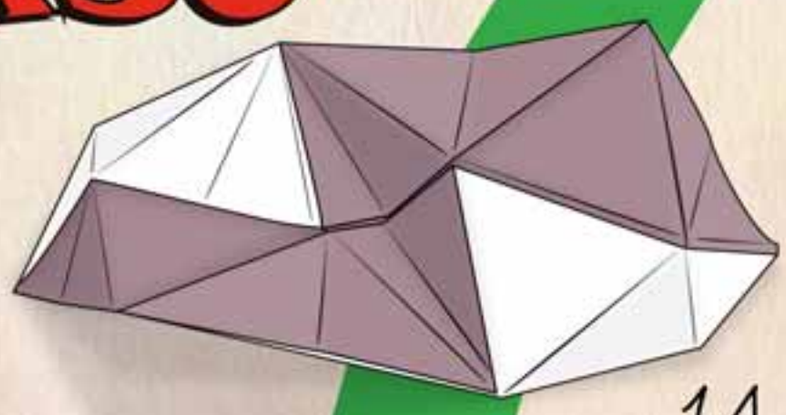


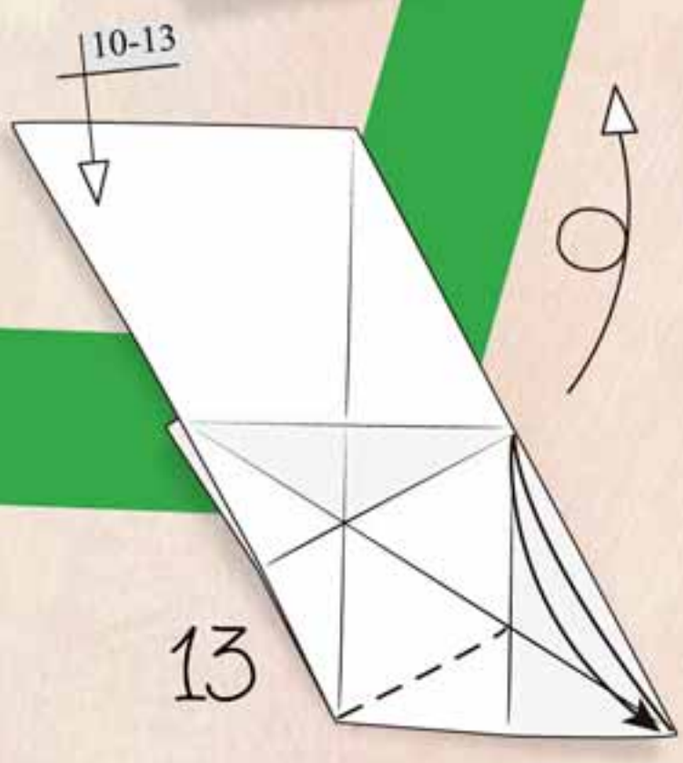


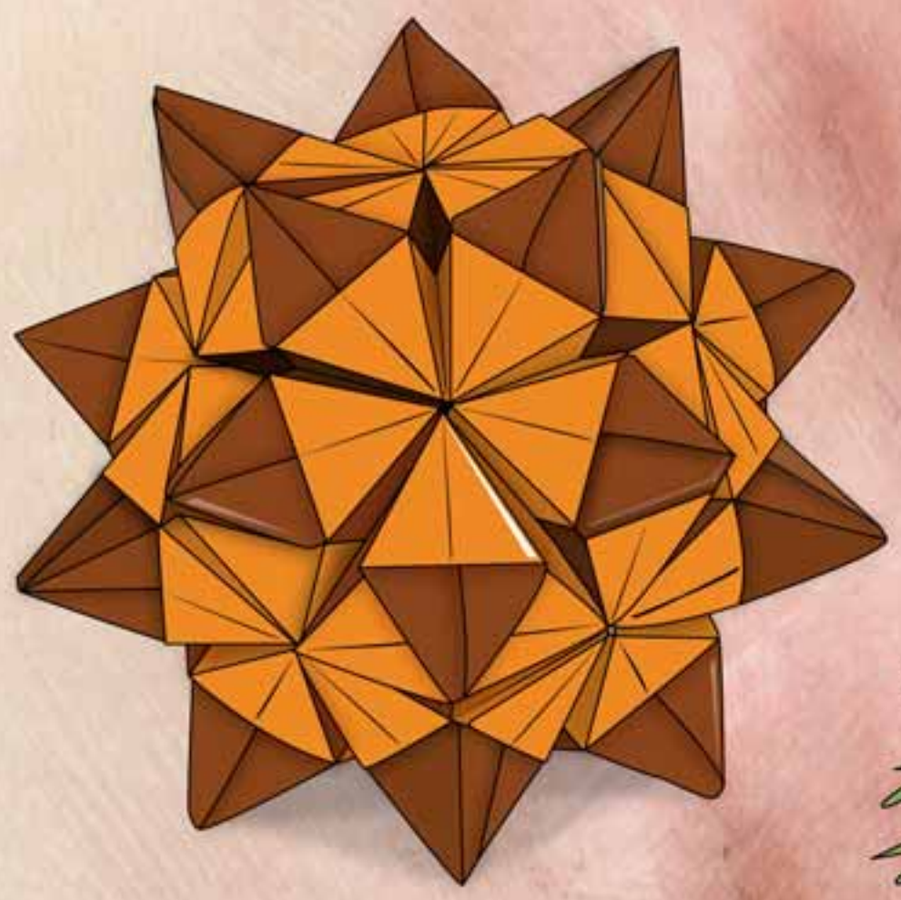




x30



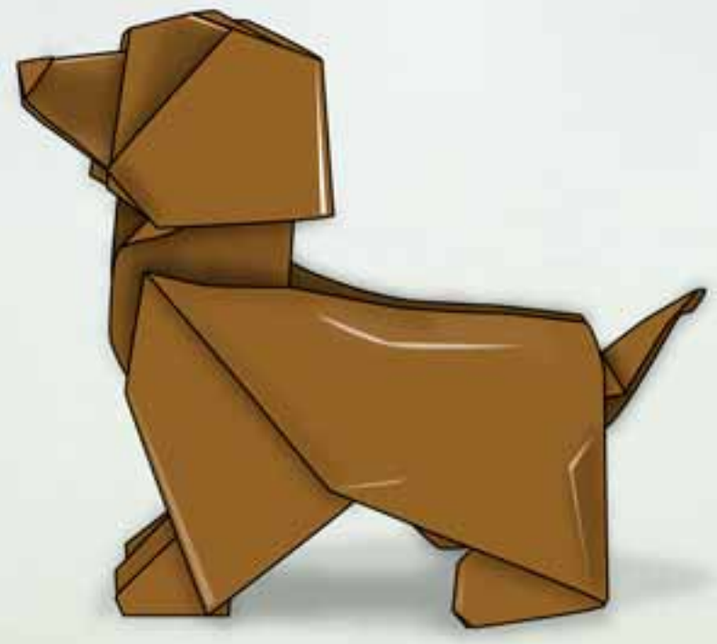


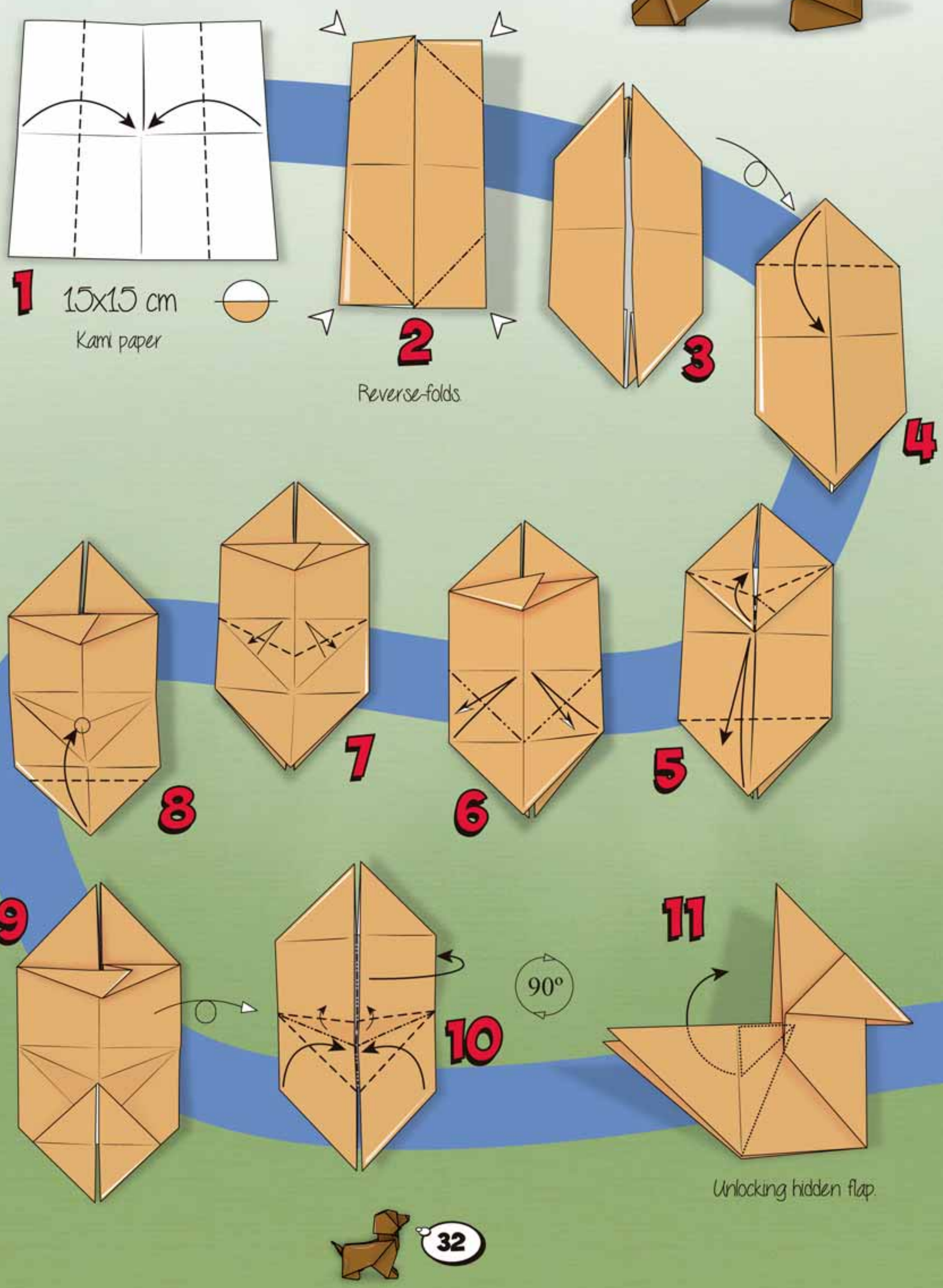


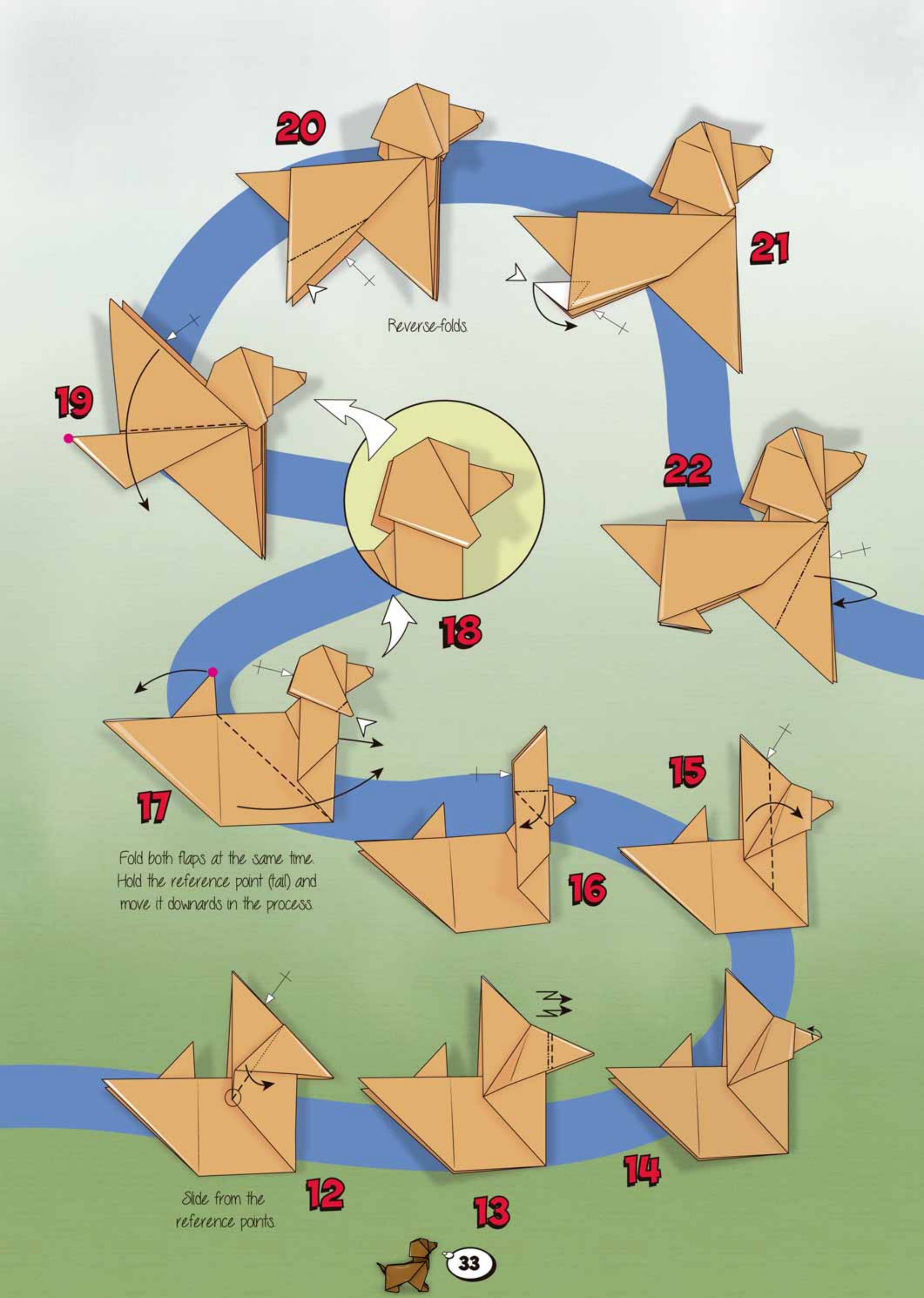
Designer: Ekaterina Lukasheva
Symbols: Pere Olivella
Diagrams: Halle 2014

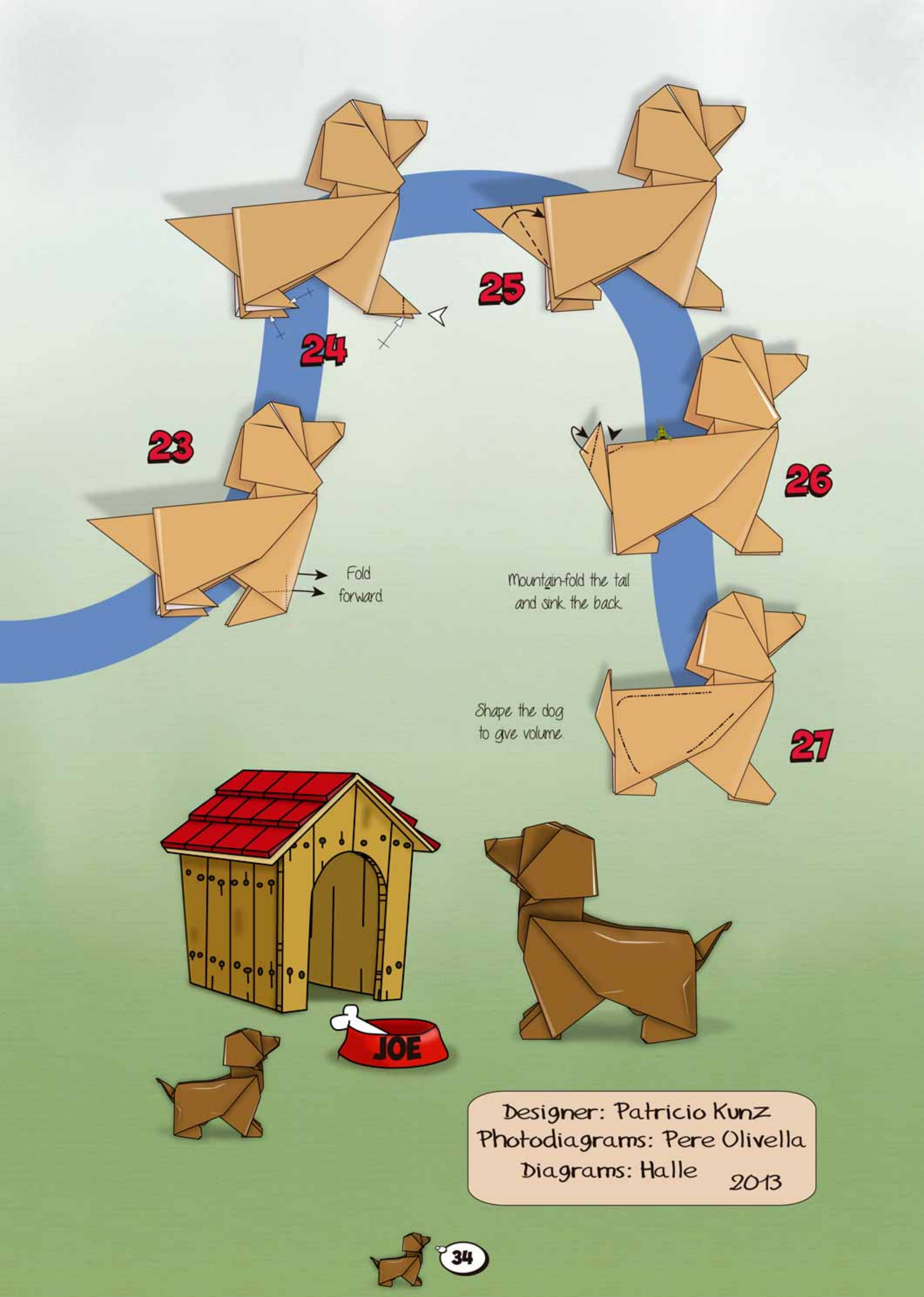
JOE COCKER

by Patricio Kunz Tomic



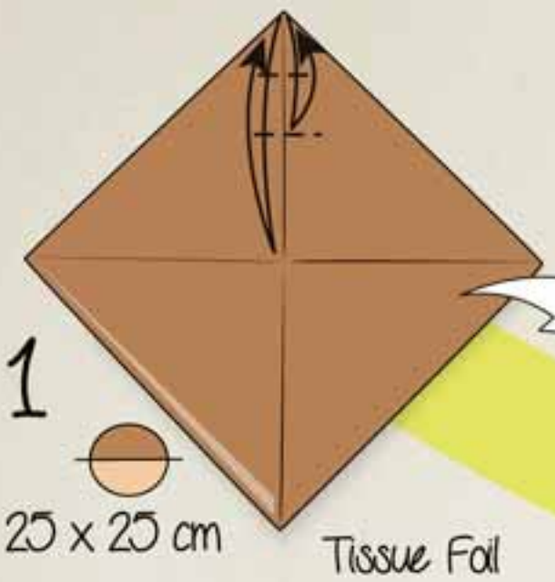



20
21
Reverse-folds
19
22
18
17
15
Fold both flaps at the same time.
Hold the reference point (tail) and
move it downards in the process.
16
12
13
14
Slide from the
reference points.
33

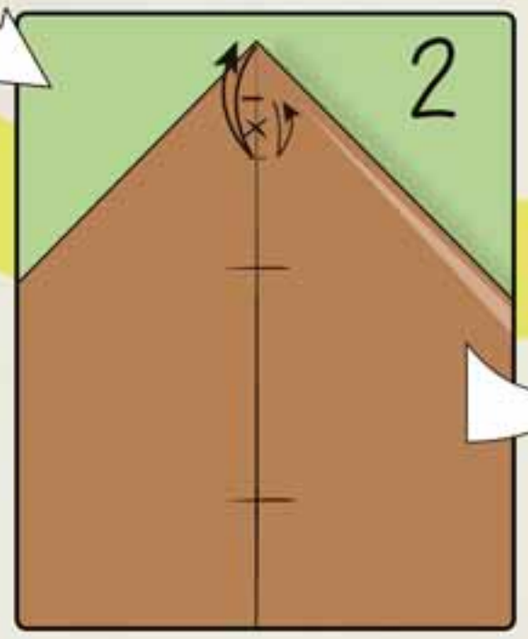

23
24
25
26
27
Fold forward
Mountain-fold the tail and sink the back
Shape the dog to give volume
JOE
Designer: Patricio Kunz
Photodiagrams: Pere Olivella
Diagrams: Halle
2013
34

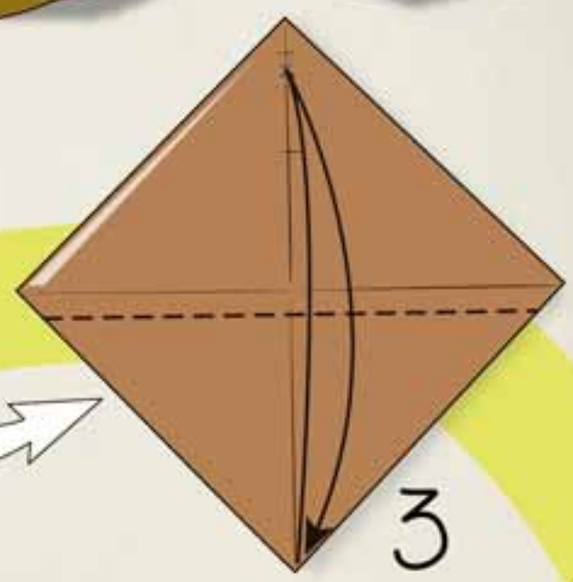
Bear

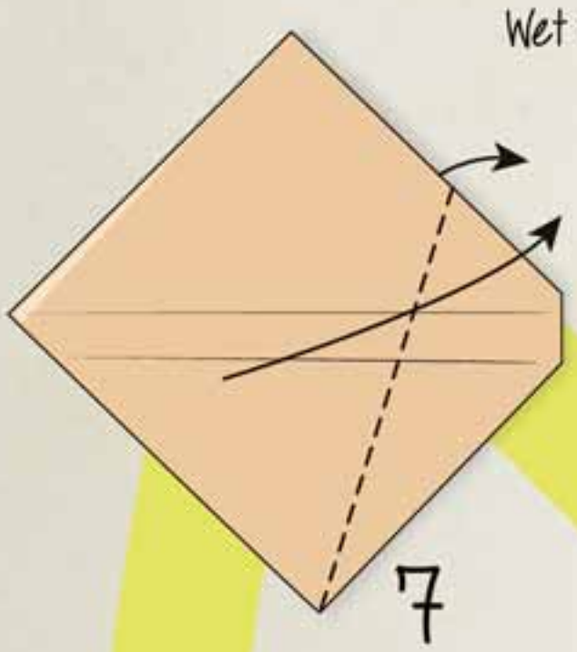
by József Zsebe

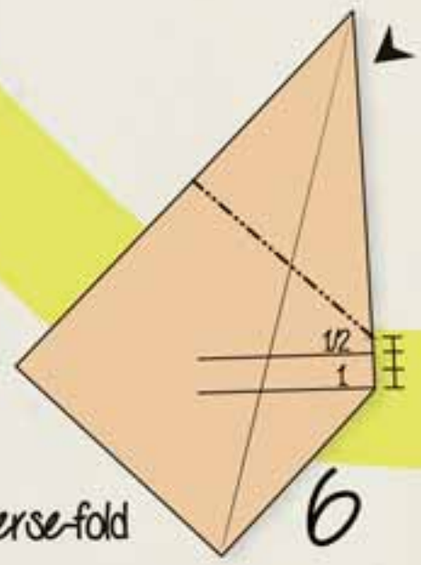


Tissue Foil
Wet folding

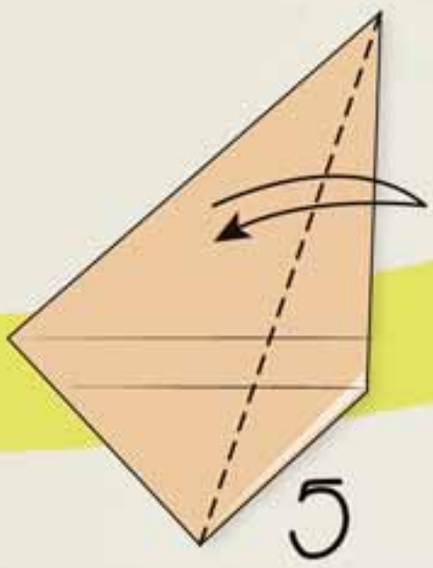


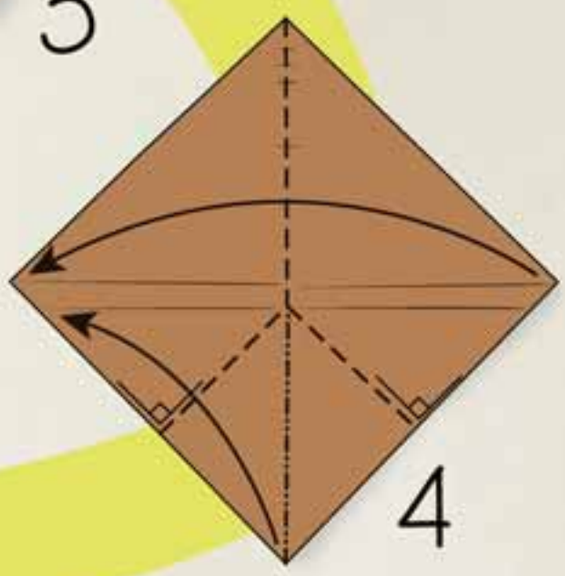


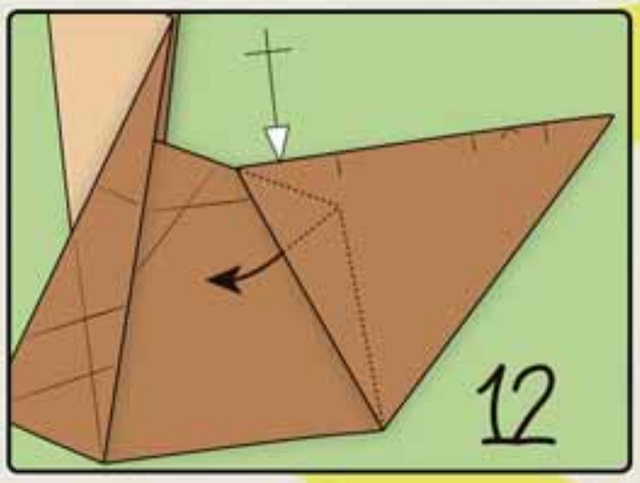


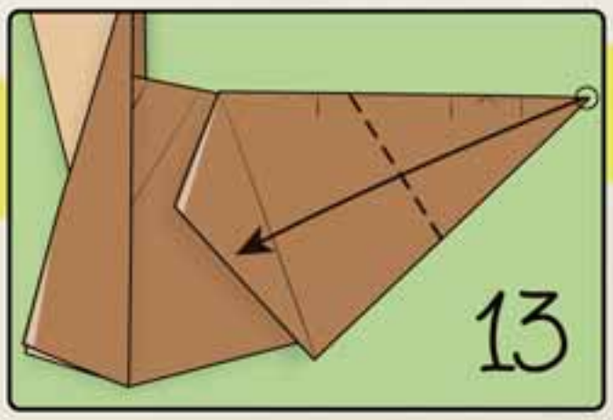


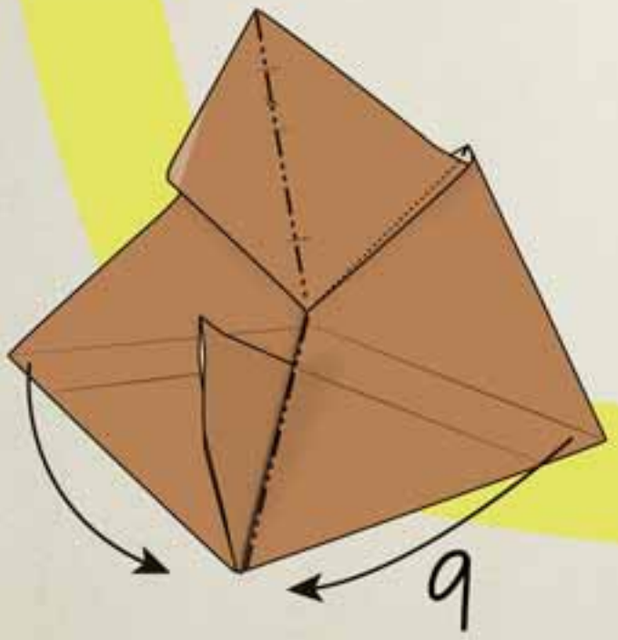
Reverse-fold

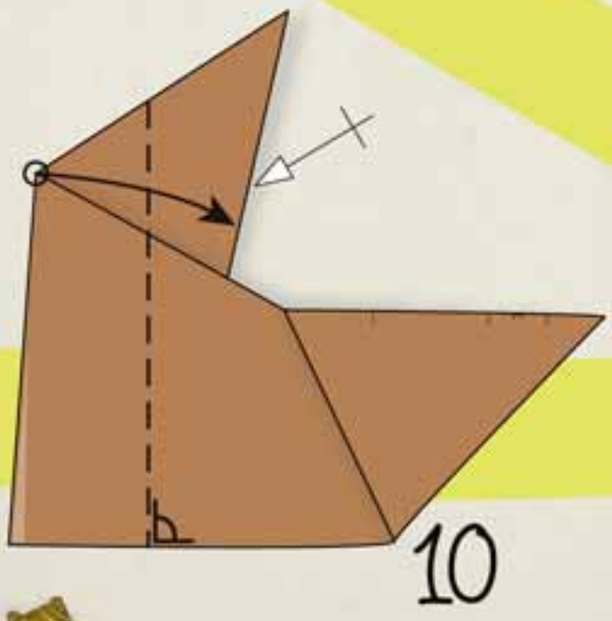


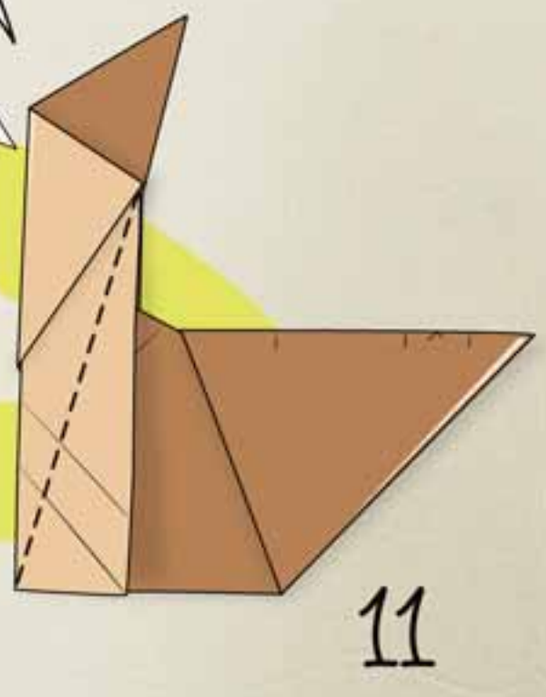


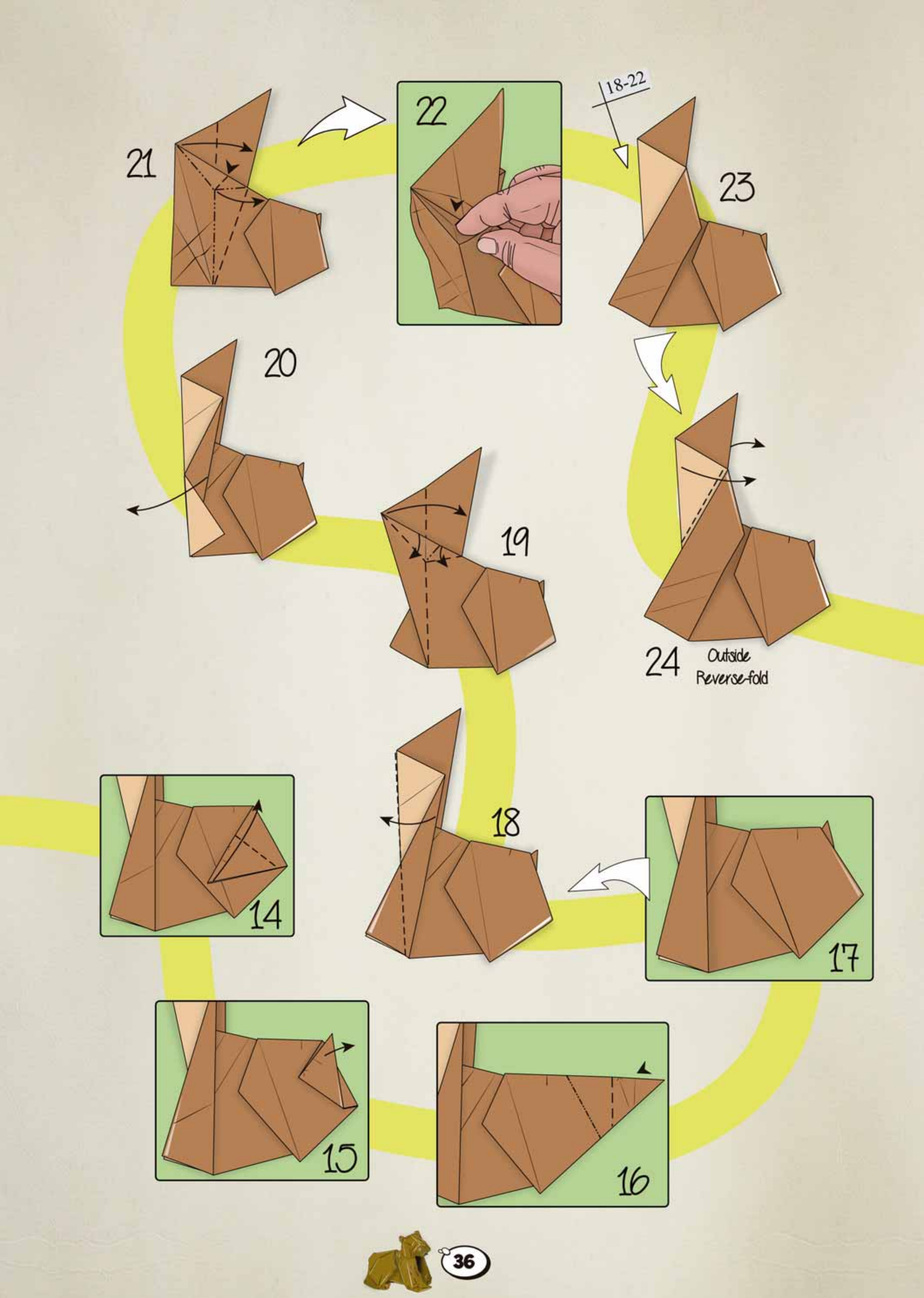








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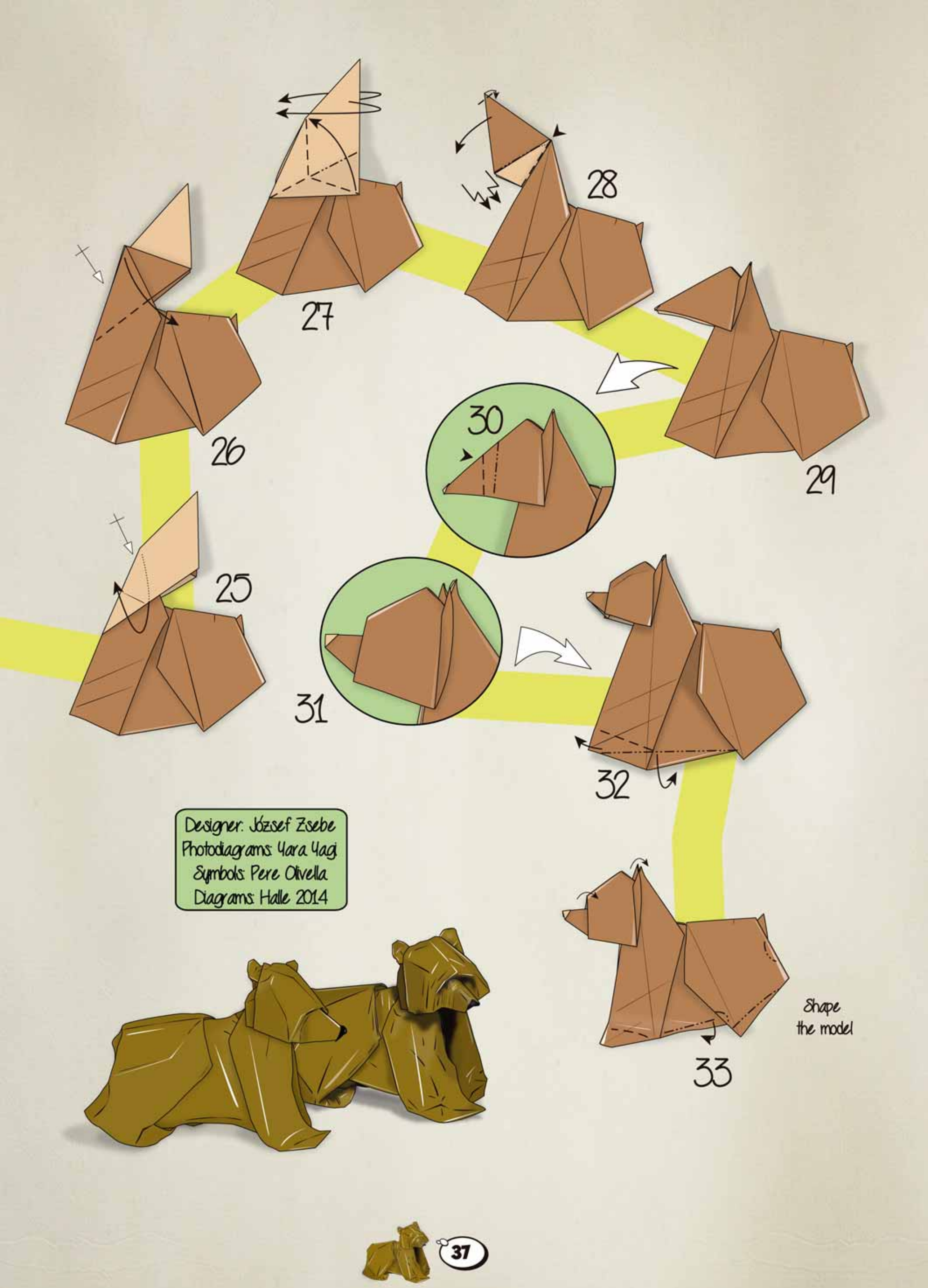
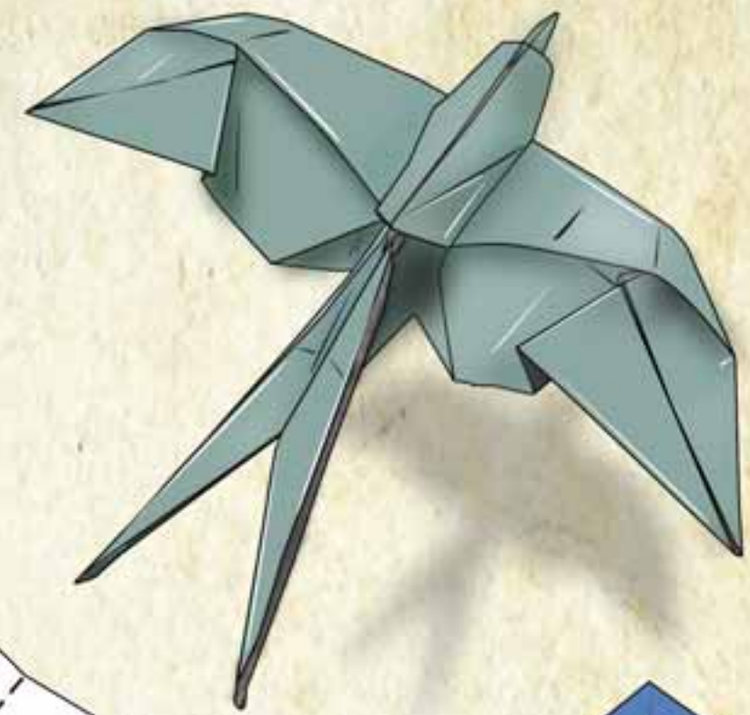
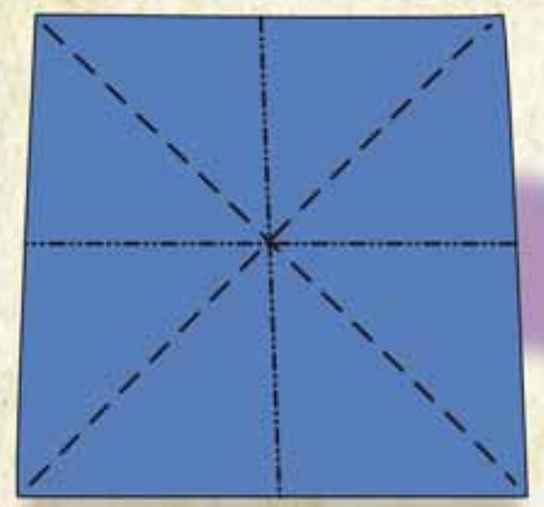
22
18-22
23
20
19
24
Outside
Reverse-fold
18
14
17
15
16


26
27
28
29
30
25
31
32
33
Shape
the model
Designer: József Zsebe
Photodiagrams: Yara Yagi
Symbols: Pere Olivella
Diagrams: Halle 2014
37

Swallow

by Mindaugas Cesnavicius





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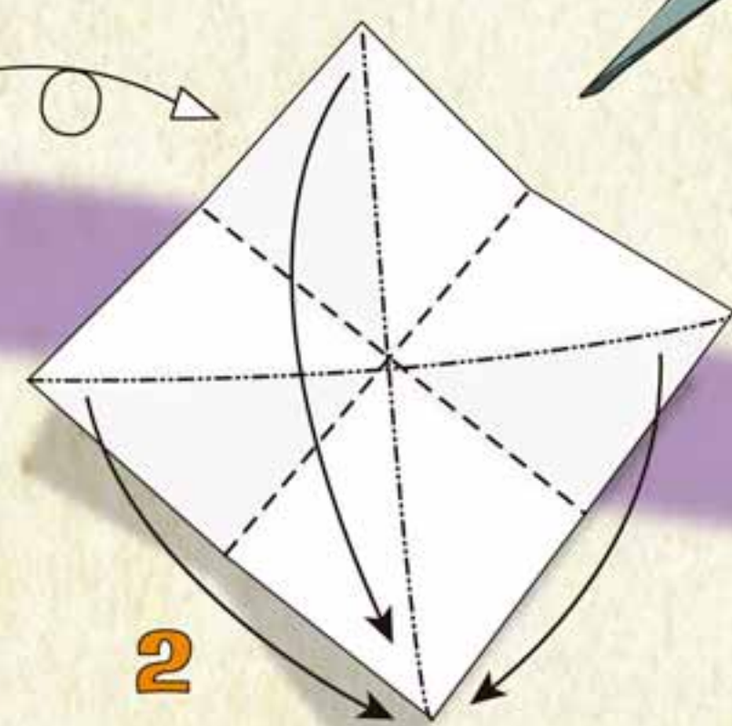
20 X 20 CM



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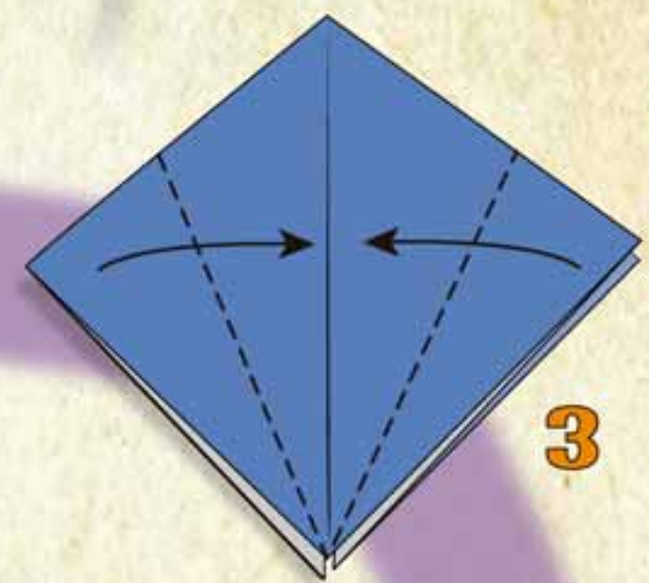

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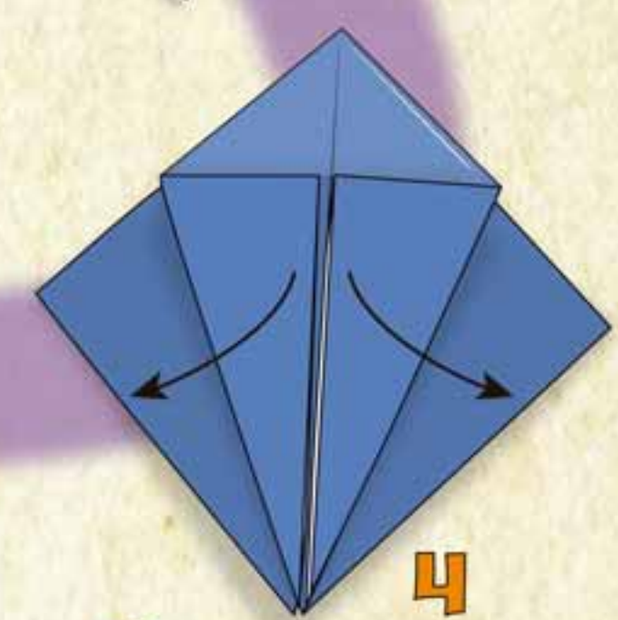

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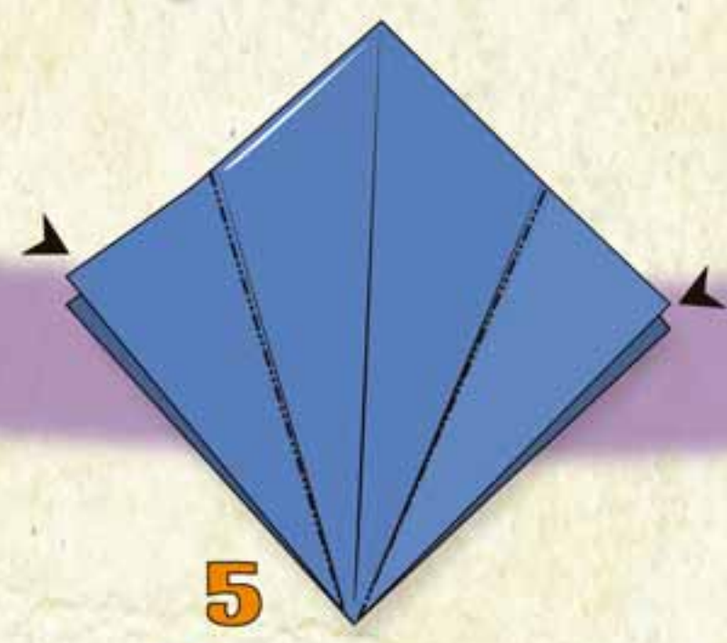

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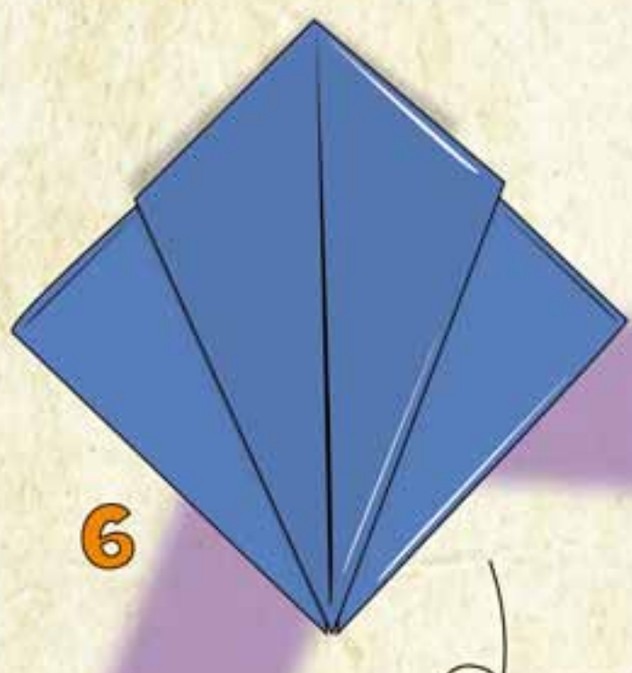

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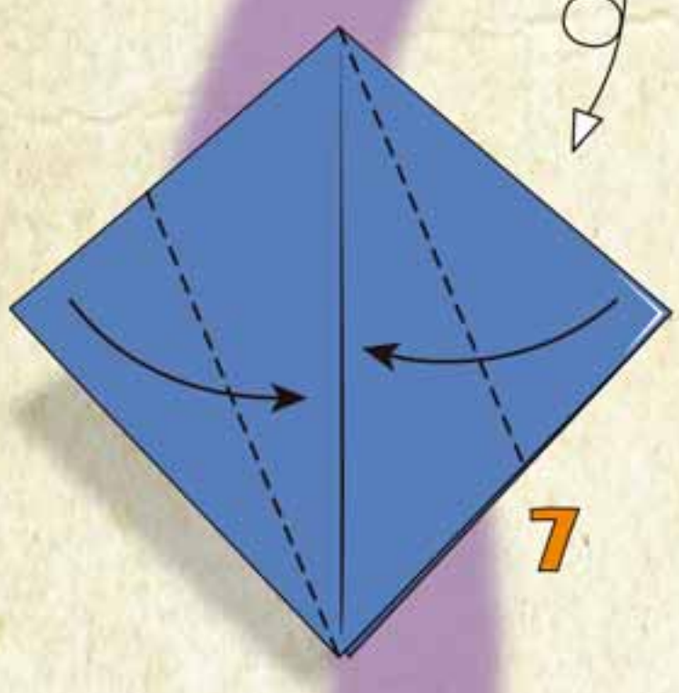

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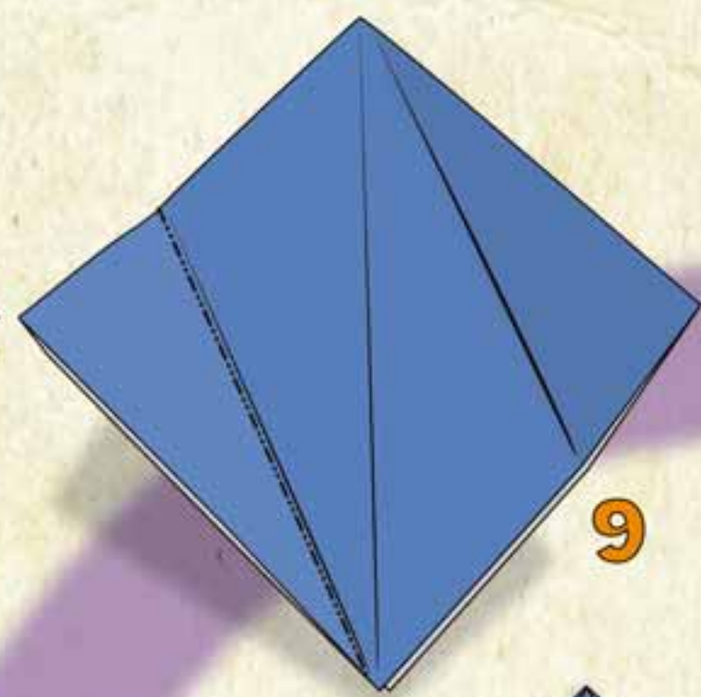

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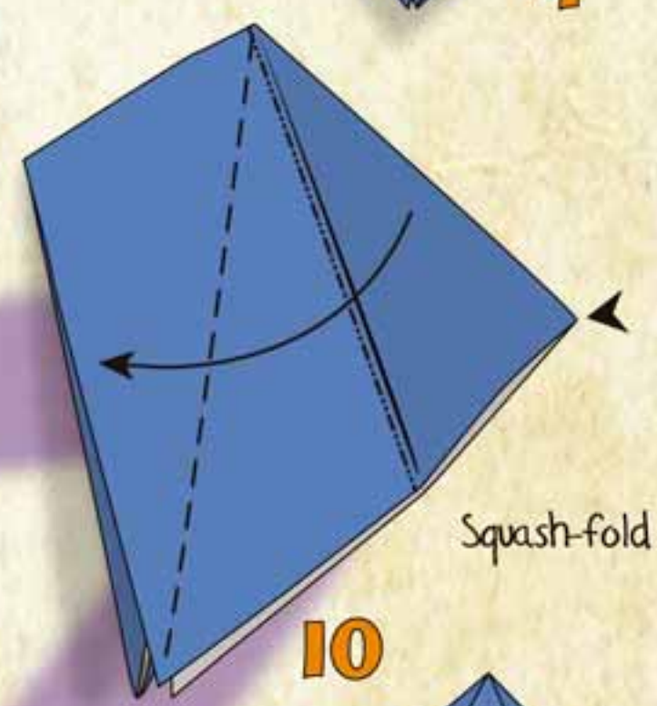
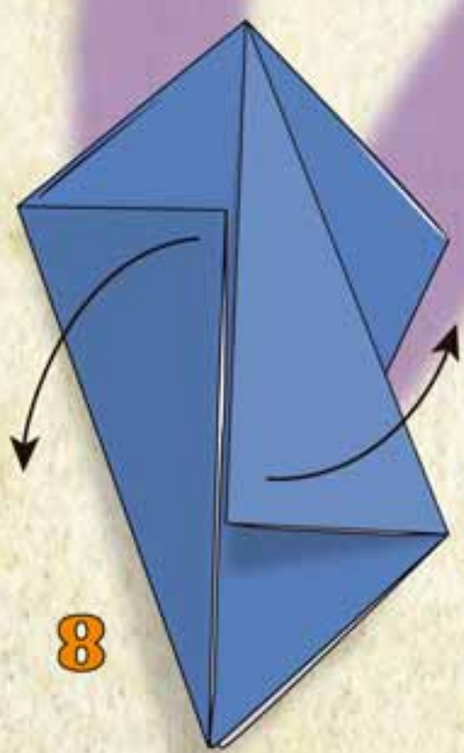


Squash-fold

10



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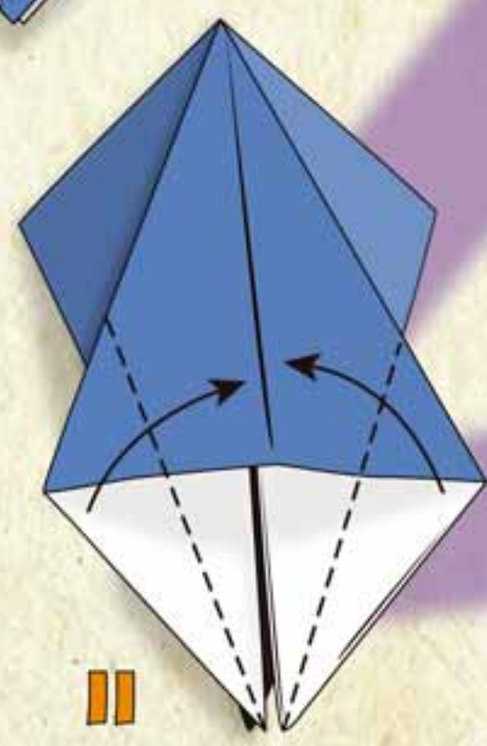

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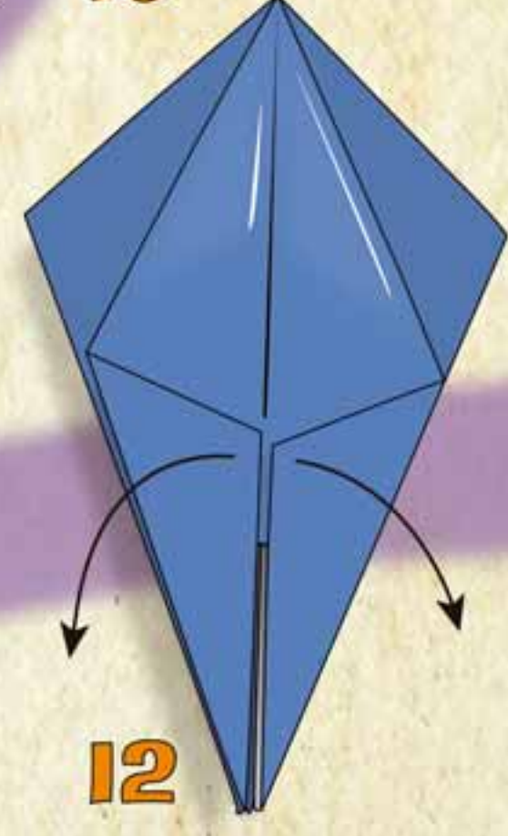
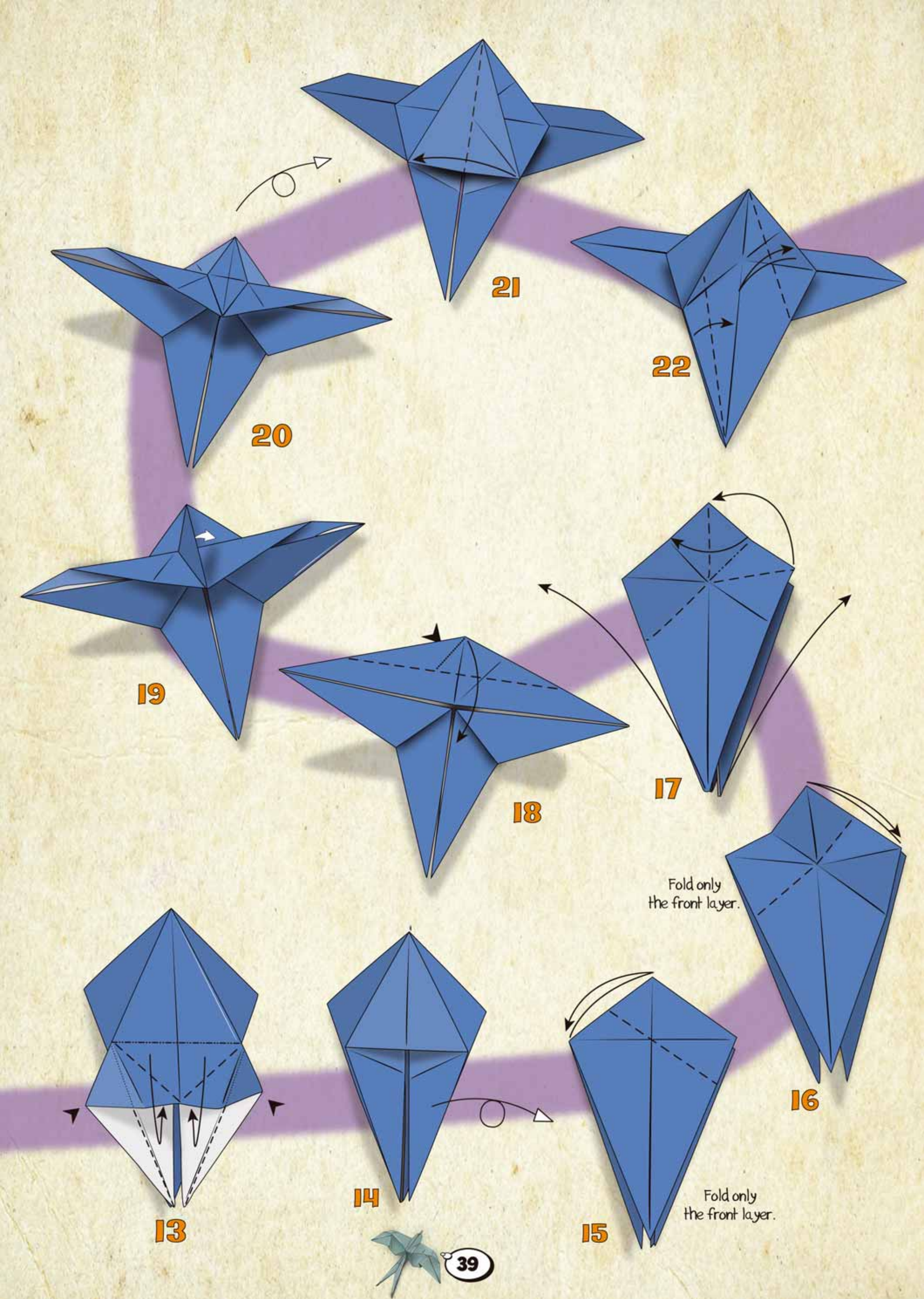
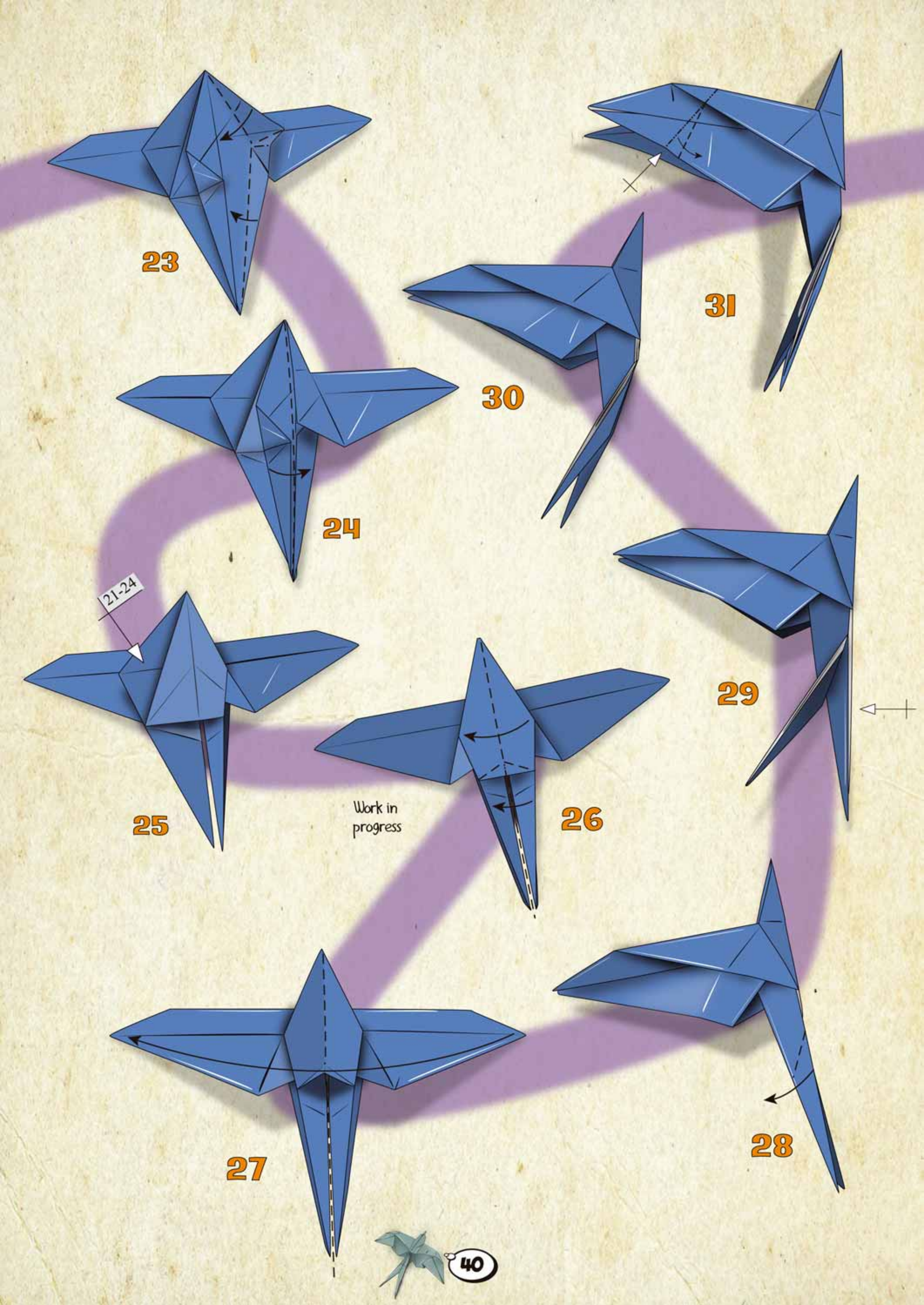
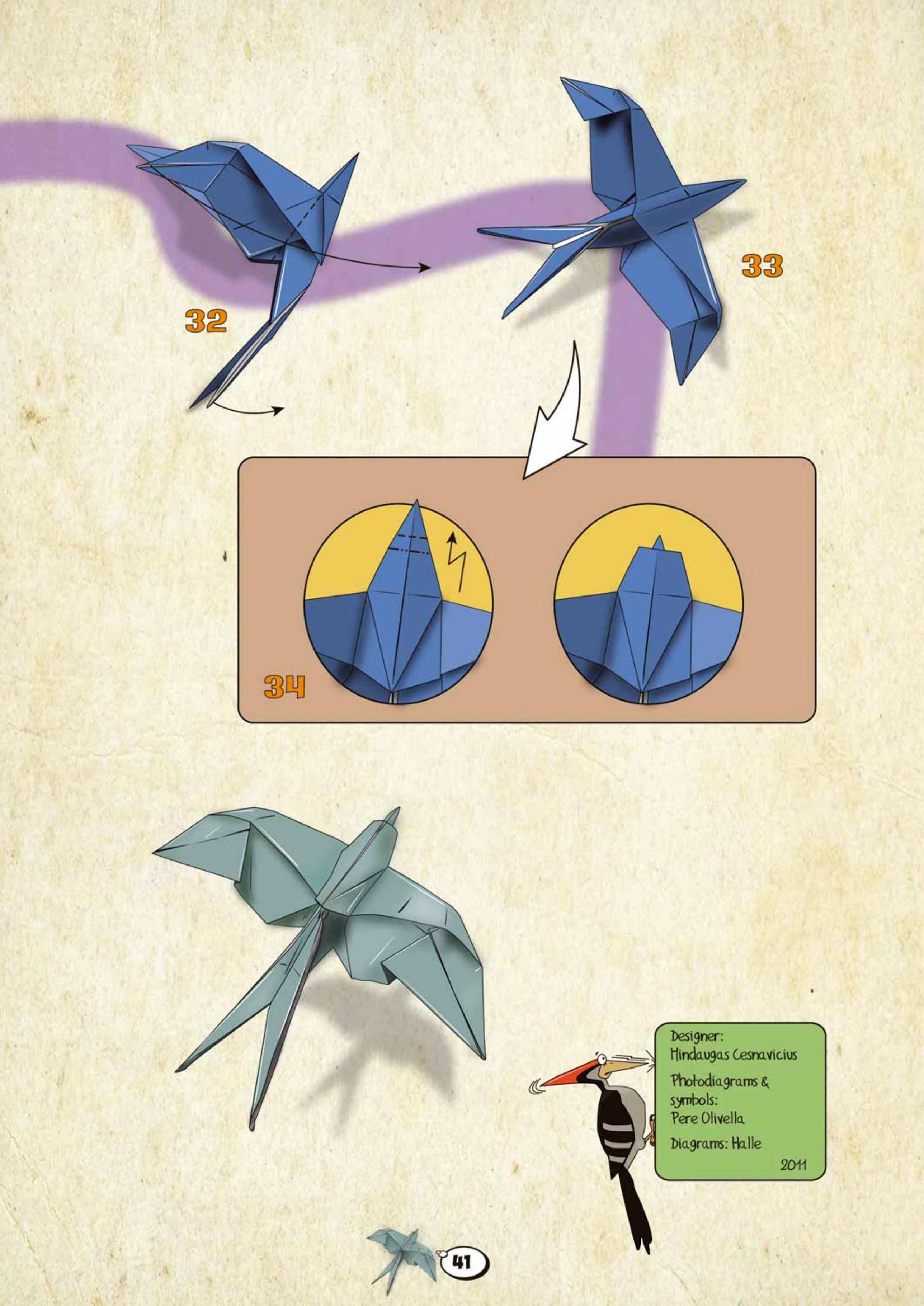


12

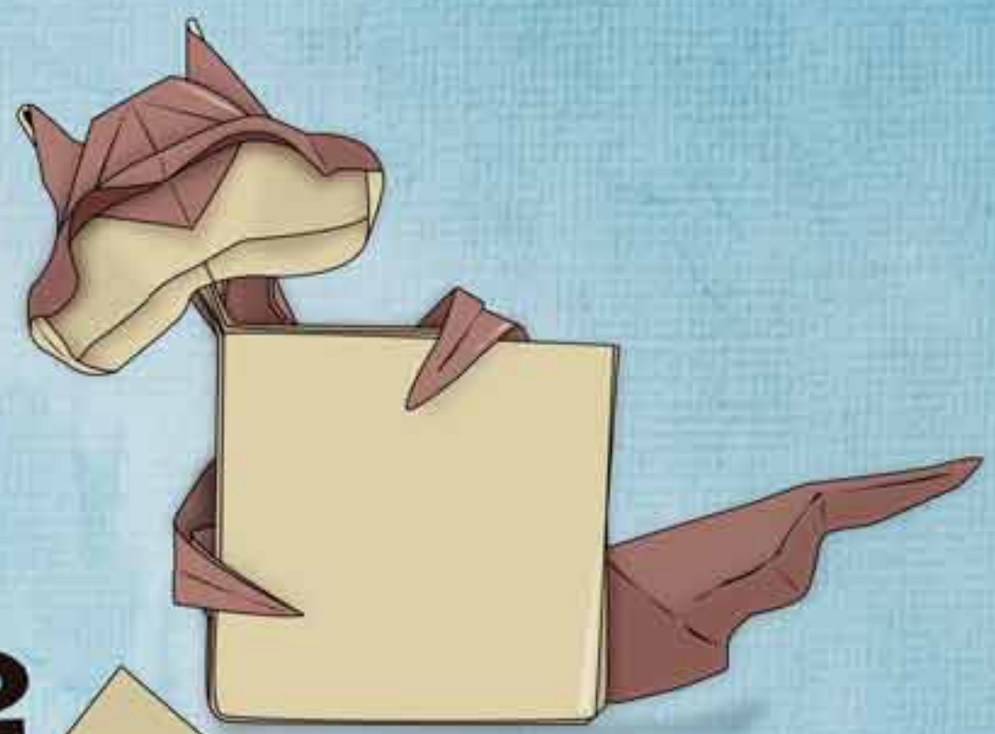

21
22
20
19
18
17
Fold only
the front layer.
16
13
14
15
Fold only
the front layer.


23
31
30
24
21-24
29
25
Work in progress
26
27
28
40

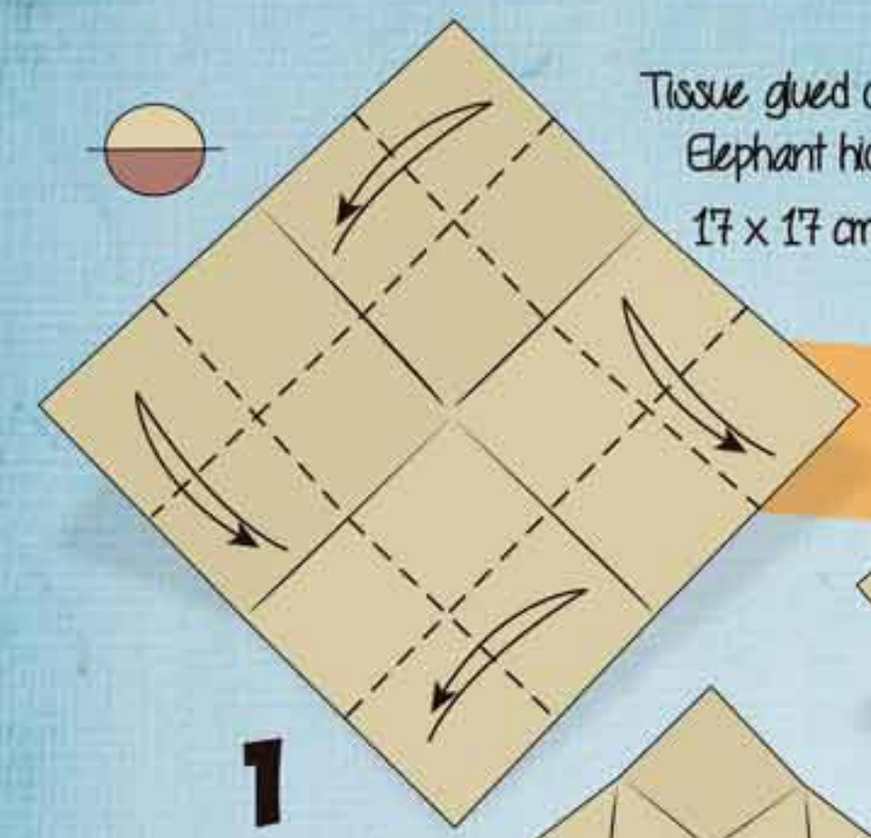

32
33
34
Designer:
Mindaugas Cesnavicius
Photodiagrams &
symbols:
Pere Olivella
Diagrams: Halle
2011
41

THIEF OF THE LAST GEOMETRY

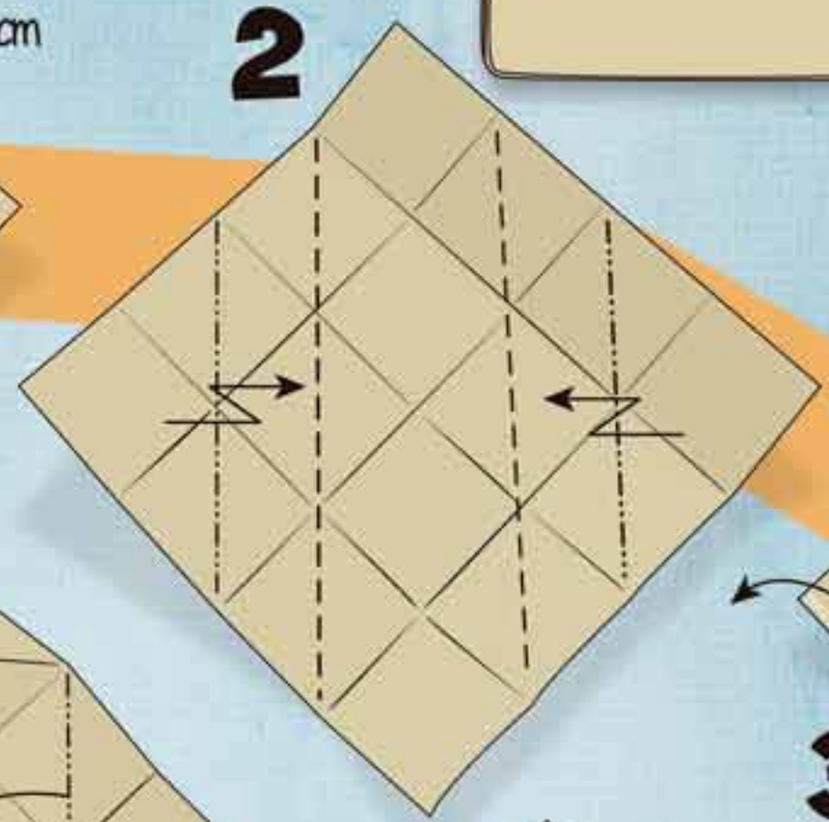
by Alexander Kurth



Tissue glued onto
Elephant hide
17 x 17 cm



1



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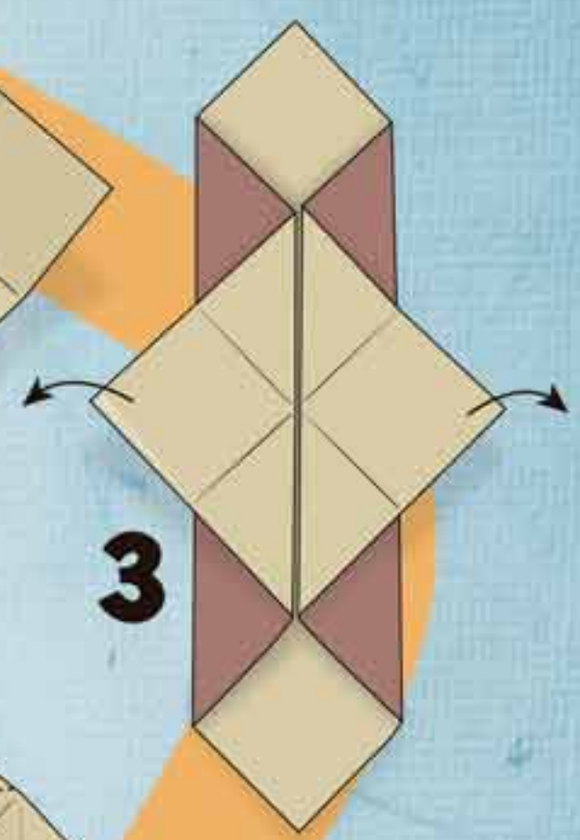

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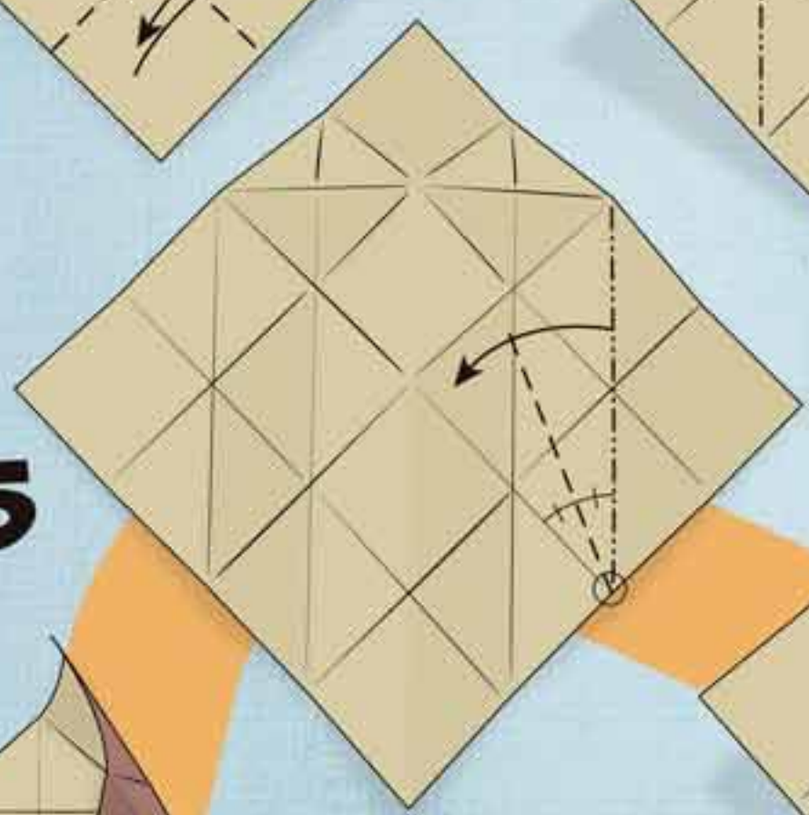

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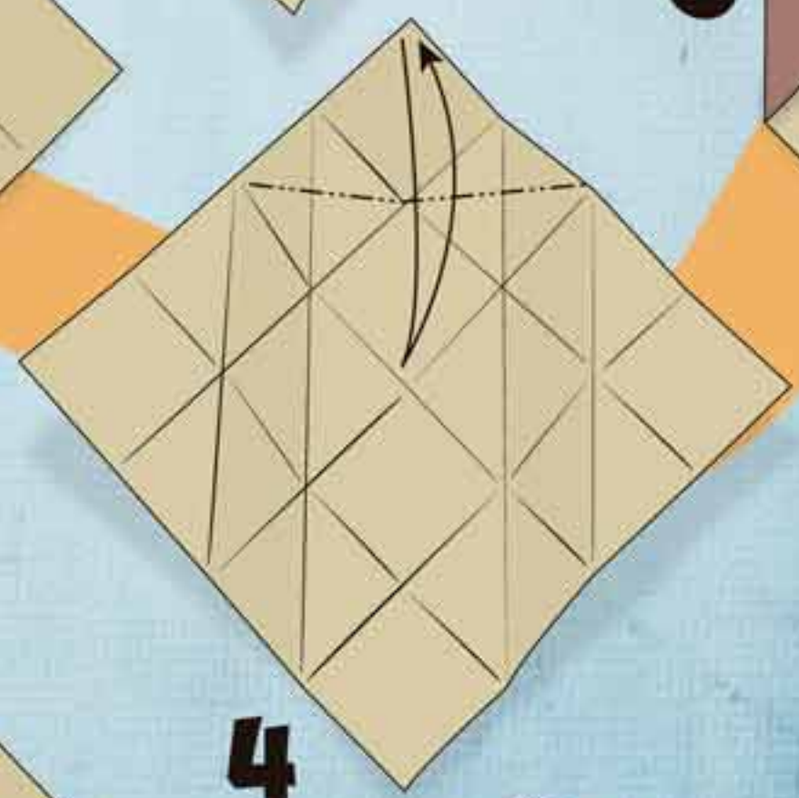

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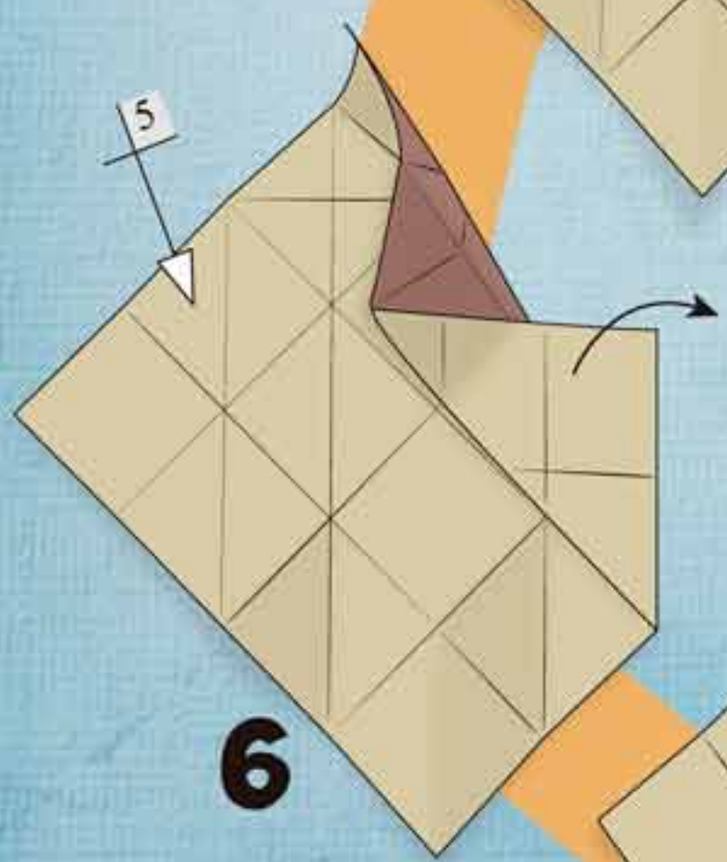

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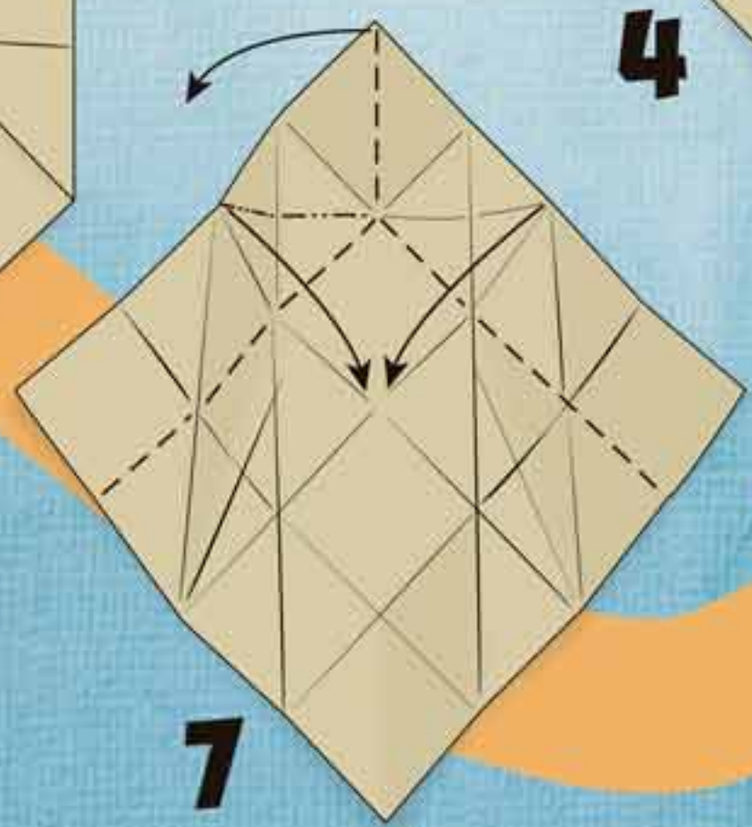
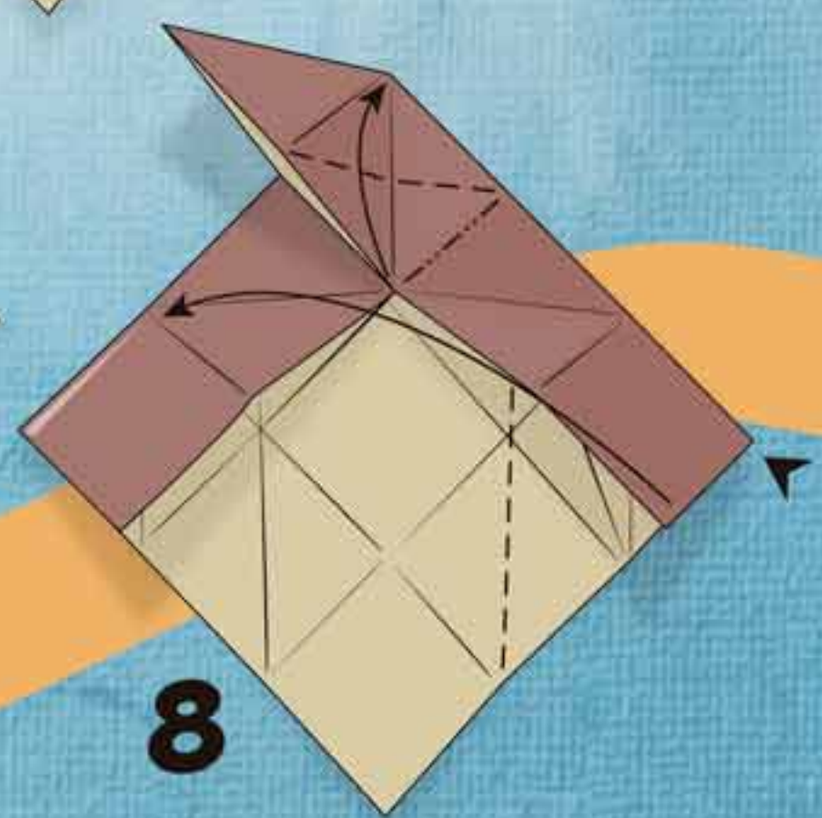
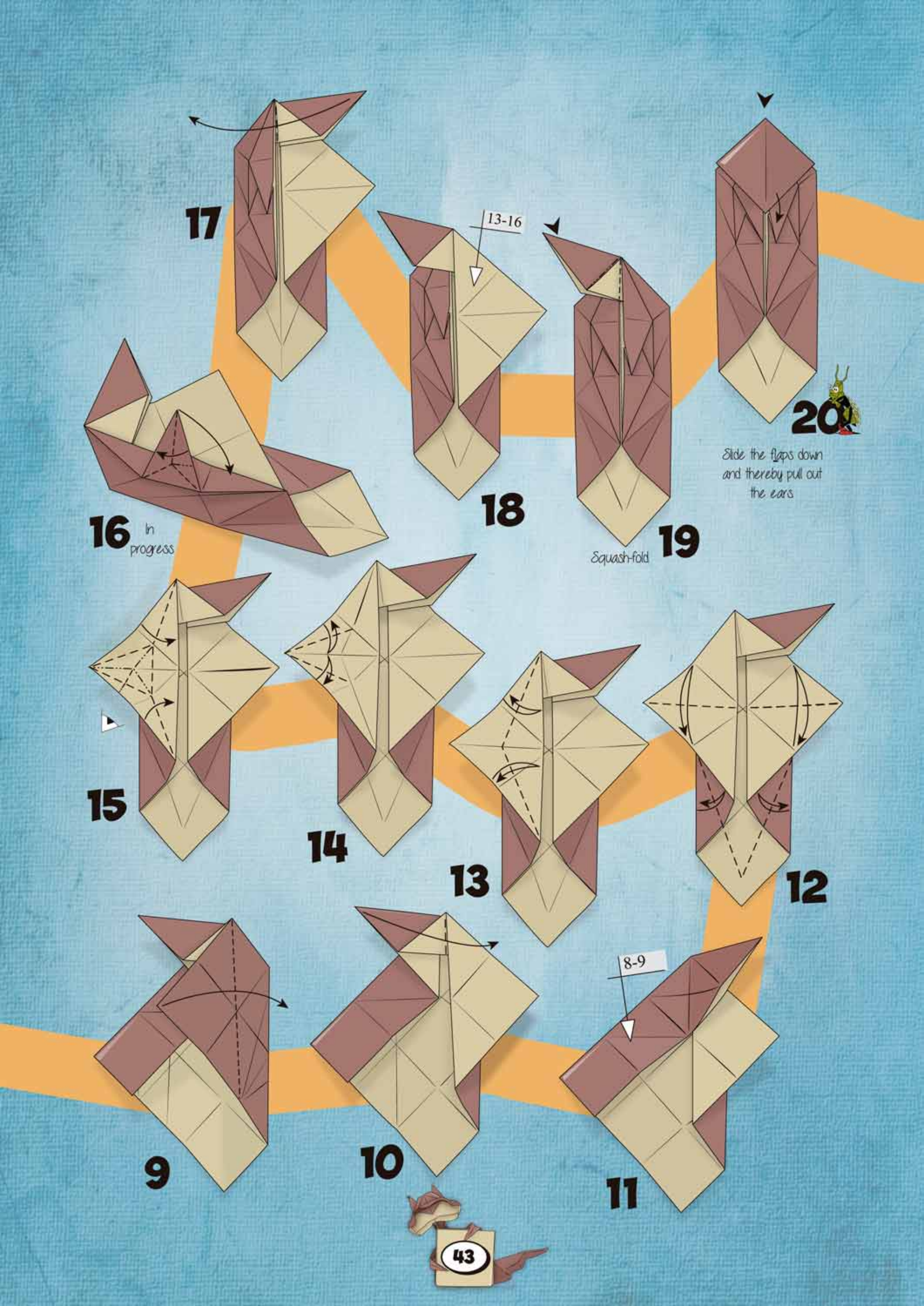
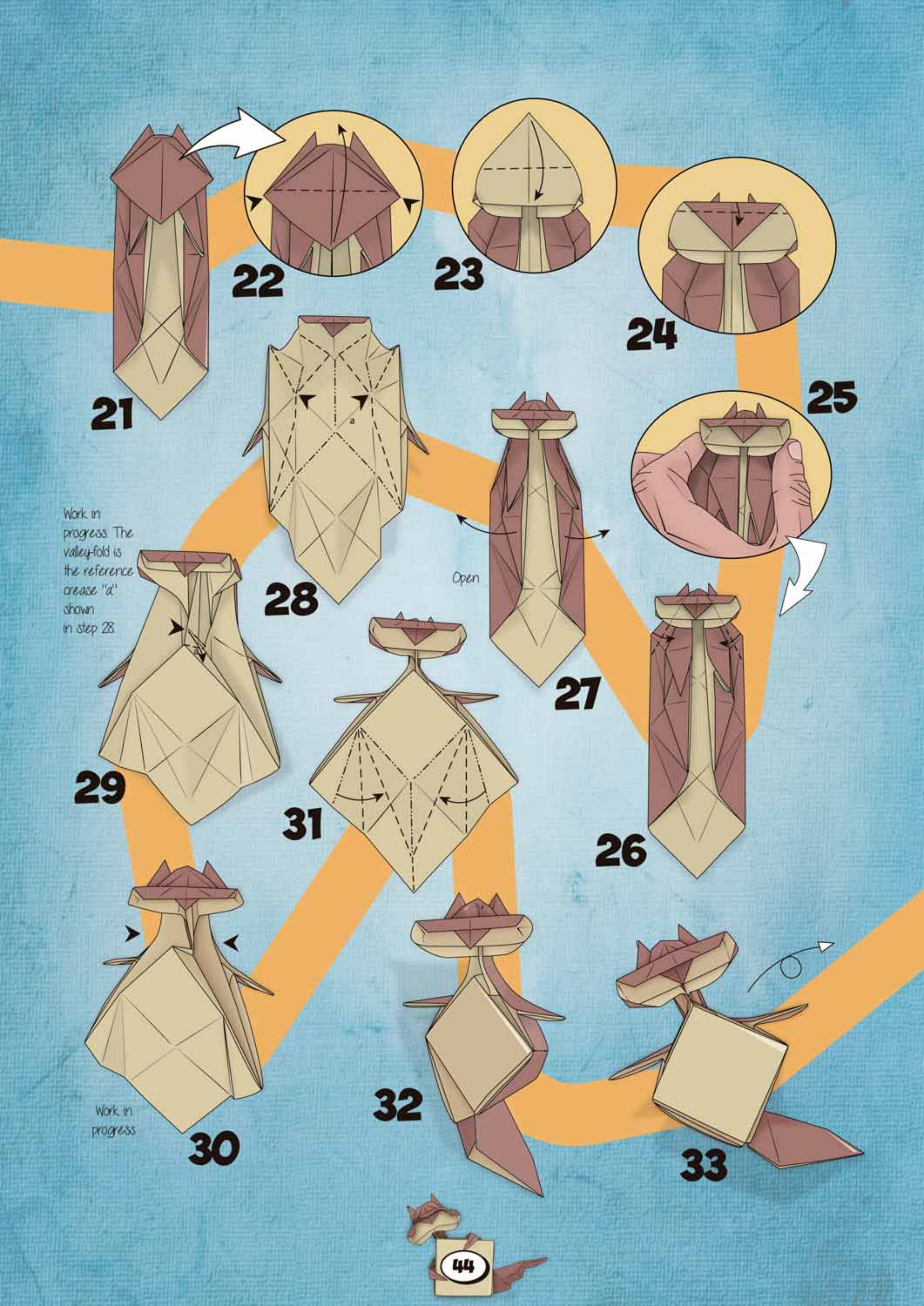


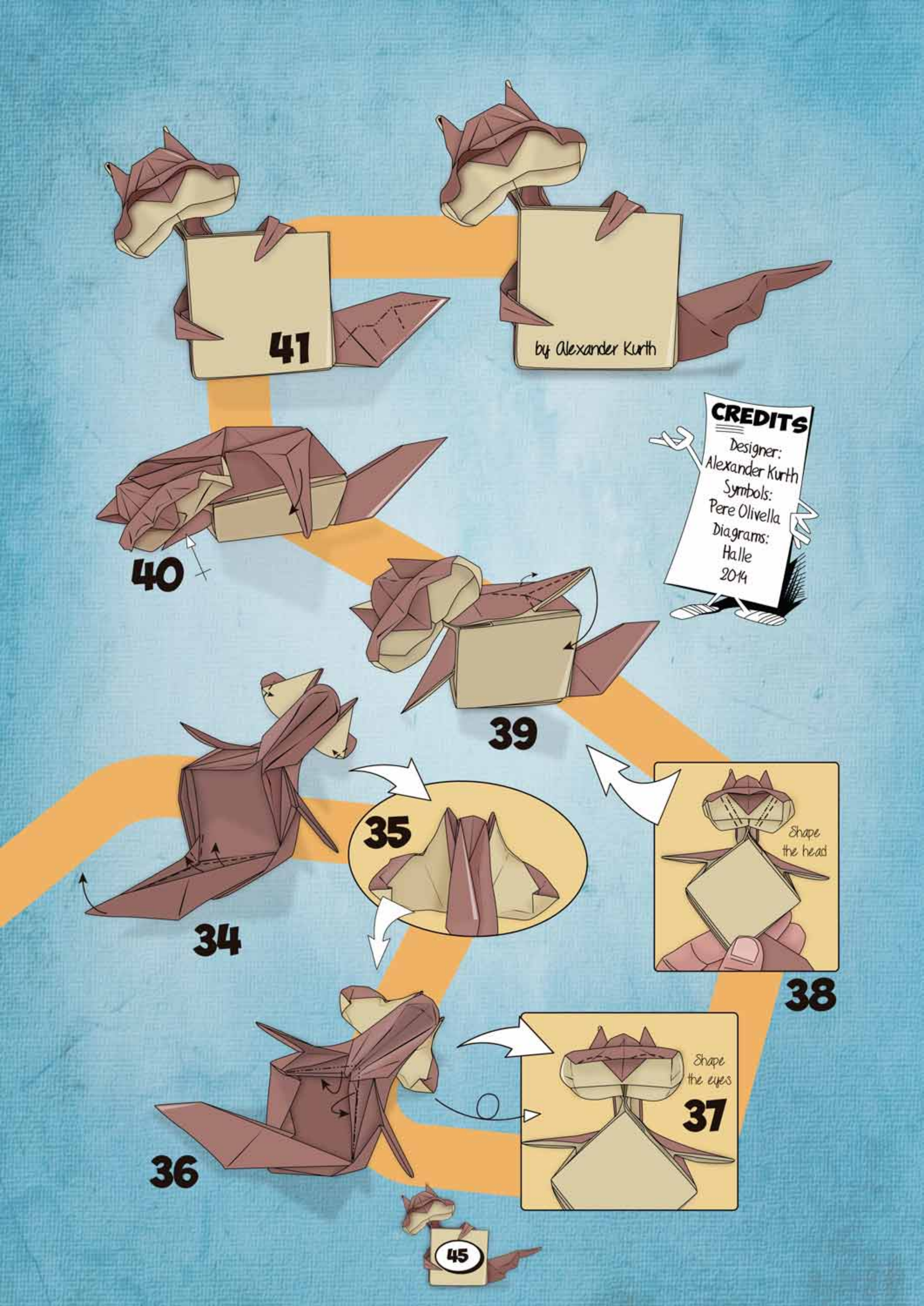
7



8


17
13-16
20
Slide the flaps down and thereby pull out the ears
18
16 In progress
Squash-fold
19
15
14
13
12
8-9
9
10
11
43


21
22
23
24
25
26
27
28
a
Open
29
Work in progress. The valley-fold is the reference crease "a" shown in step 28.
30
Work in progress
31
32
33
44

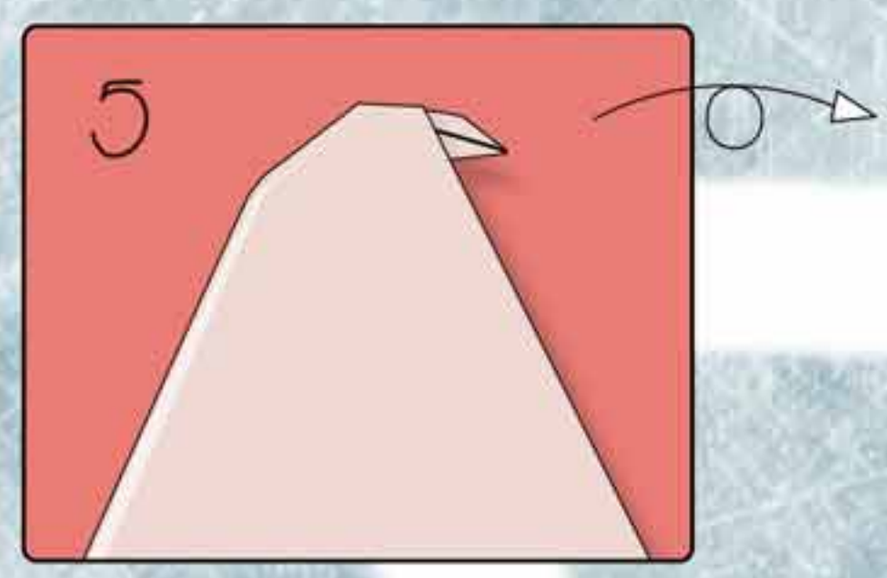

41
by Alexander Kurth
CREDITS
Designer:
Alexander Kurth
Symbols:
Pere Olivella
Diagrams:
Halle
2014
40
39
35
Shape
the head
38
34
Shape
the eyes
37
36
45

POLAR BLUES

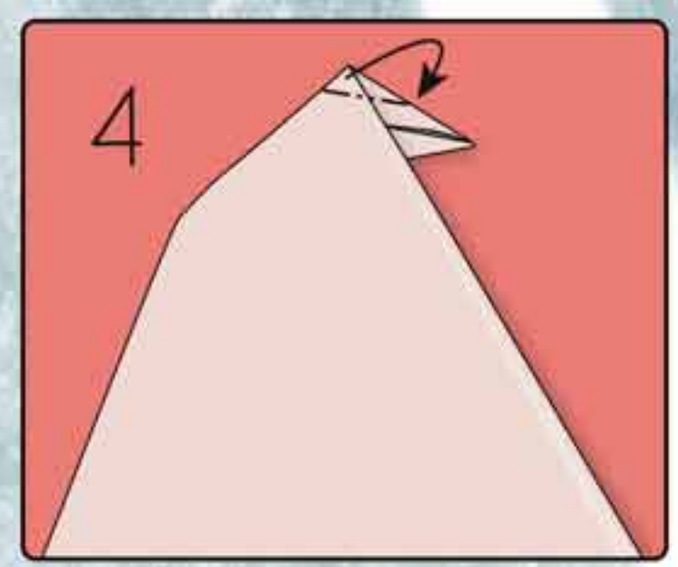
Use 20x20 cm if you only want to fold the bear on a tiny hill, with no color change for the background, anything bigger will give you a chance to do a nicer landscape. I like using 30x60 cm myself, the format of aquarelle / watercolor paper. Maybe I will do a much larger one for an expo someday. Paper type: thick is best, there is very little structure anyway, so it should be easy to use. really thick paper. I have used about 200g/m², but more should give good results too.

Use wet-folding for best results.

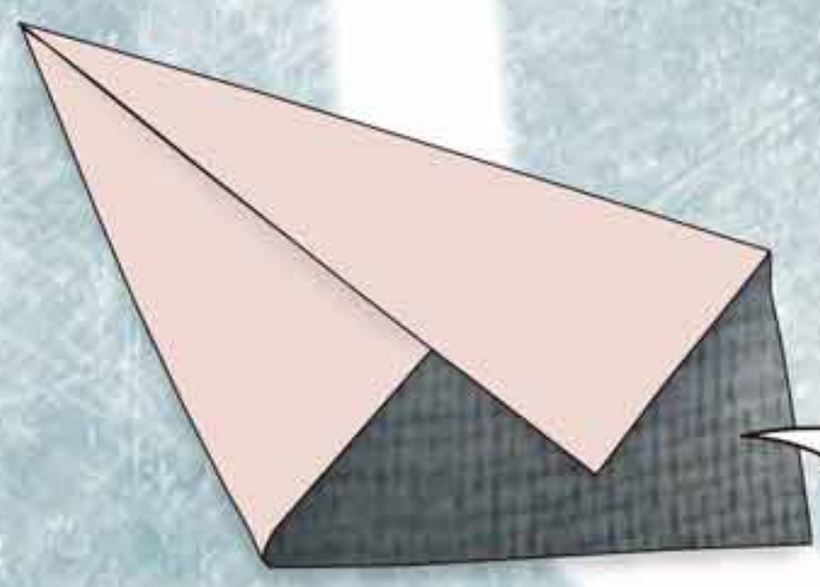
1 Start with the dark side up. Fold a kite base in a corner.



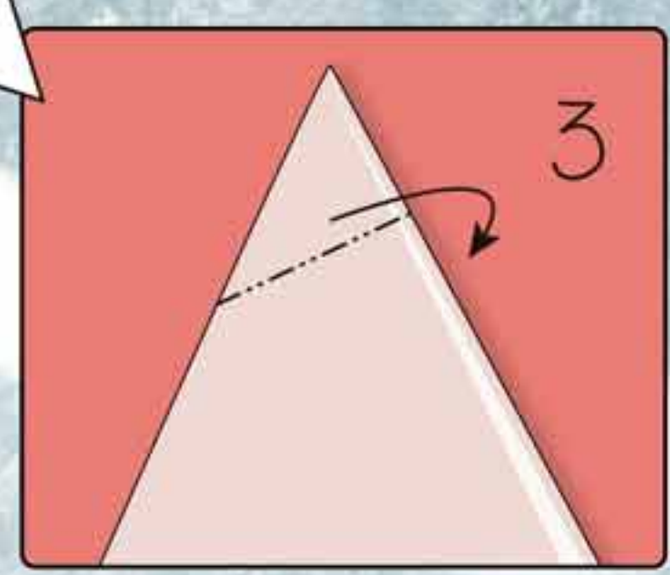
Turn the sheet around.



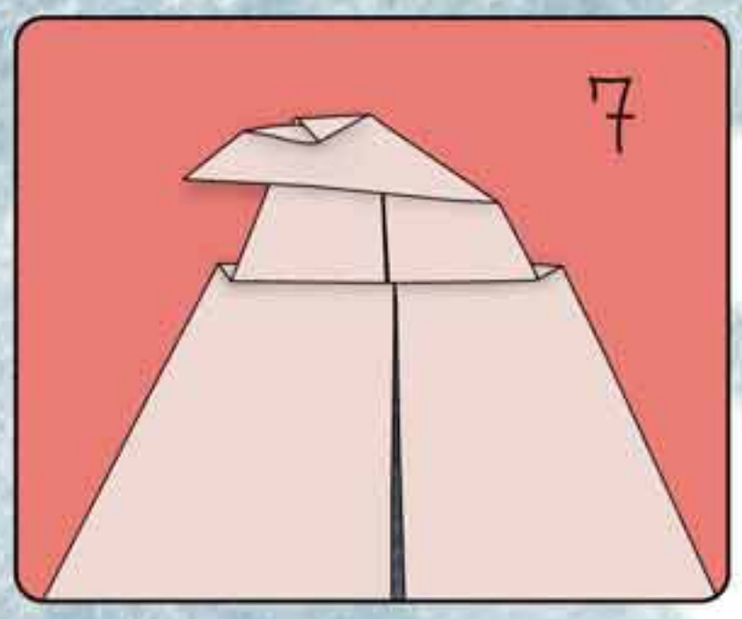
Mountain-fold the tip to define the width of the neck.



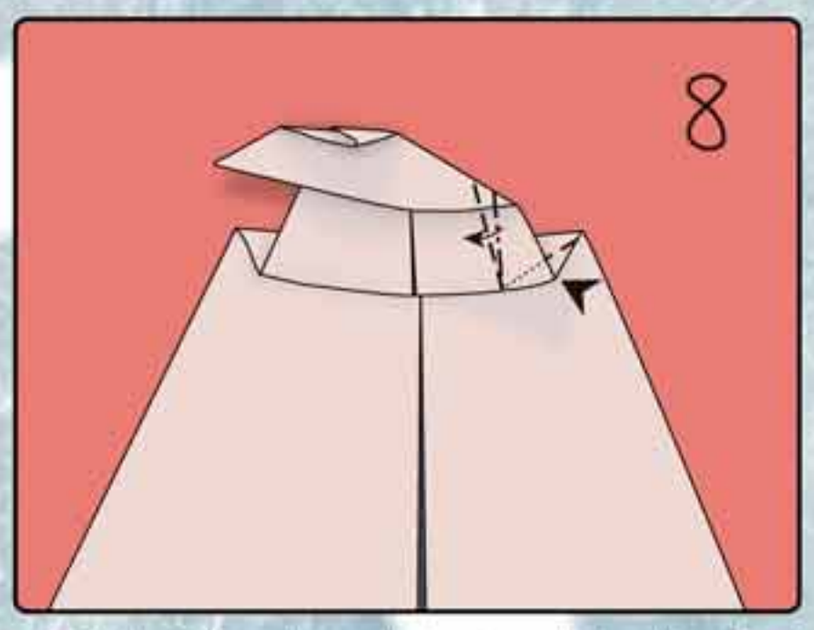
2 Turn the sheet around.



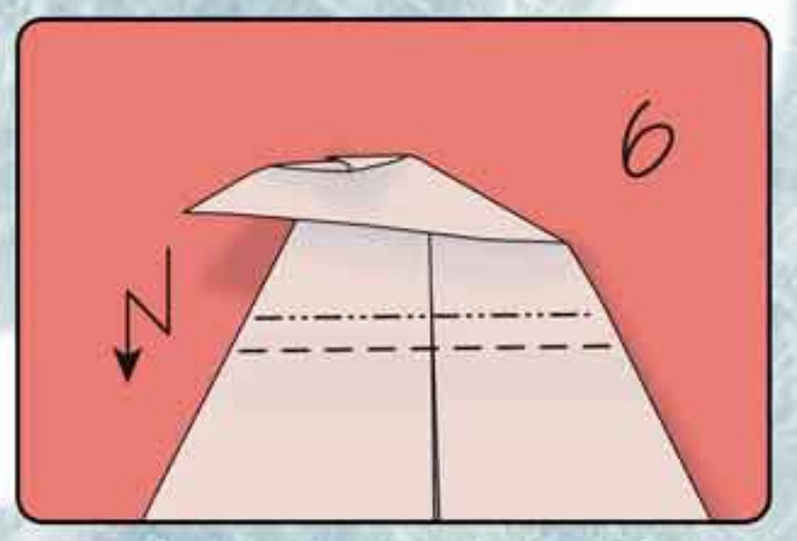
Mountain-fold the tip to define the length of the neck.



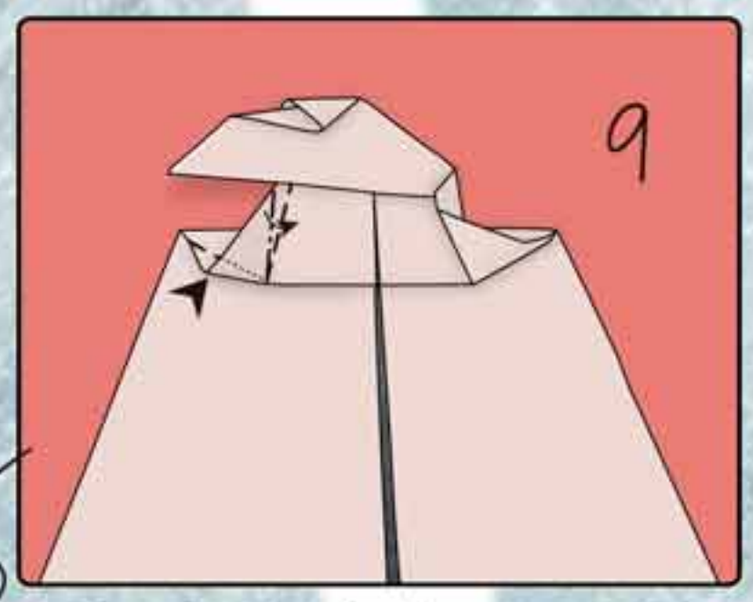
Start rounding the paper along the vertical axis.
From now on, the model will never be flat again;
the part of the sheet between the two creases
of the swivel-fold will come up a little too.



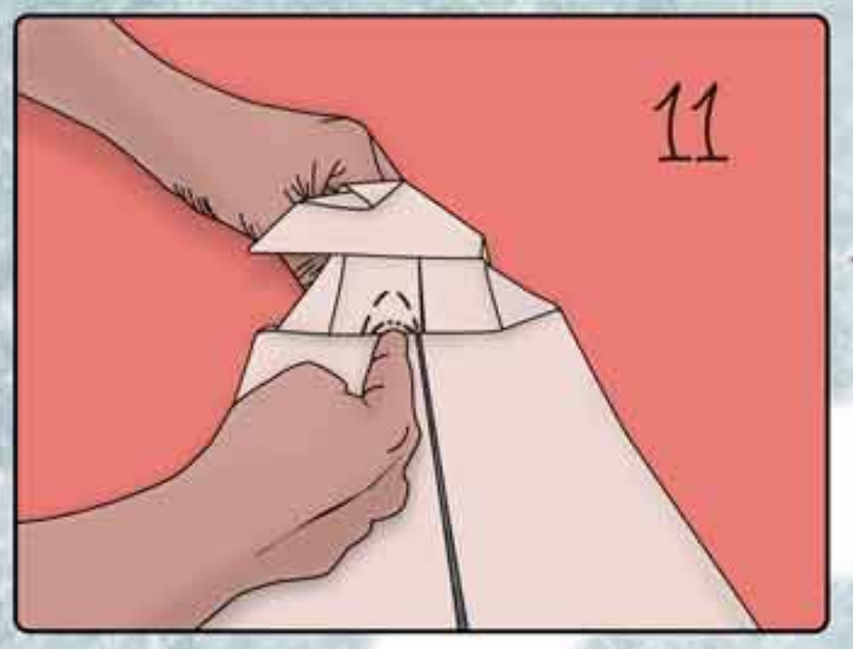
Swivel-fold to define the anterior leg which will be furthest
from the viewer (we are looking at the back of
the model right now)



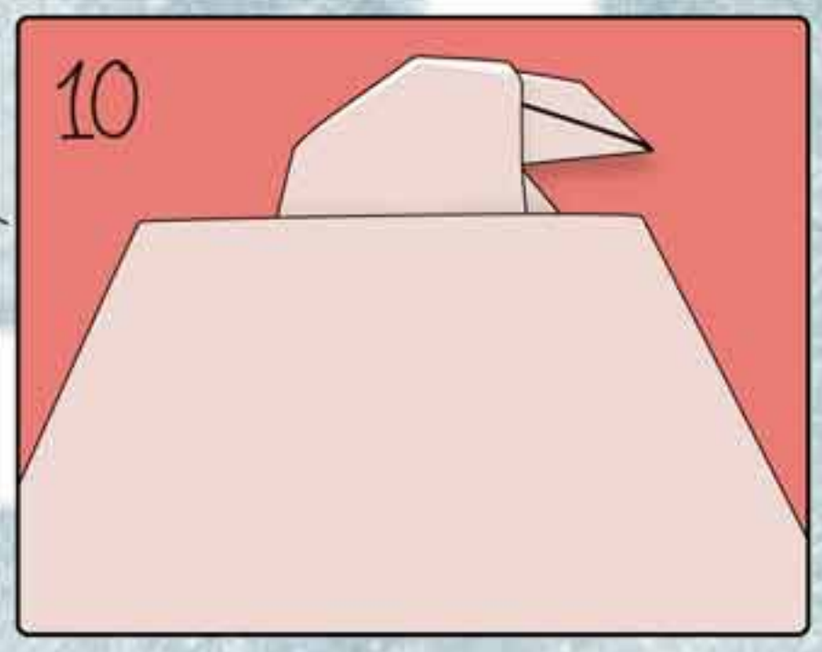
Crimp the sheet to define the bear's footing.
the mountain-fold will define
the bear's maximum height



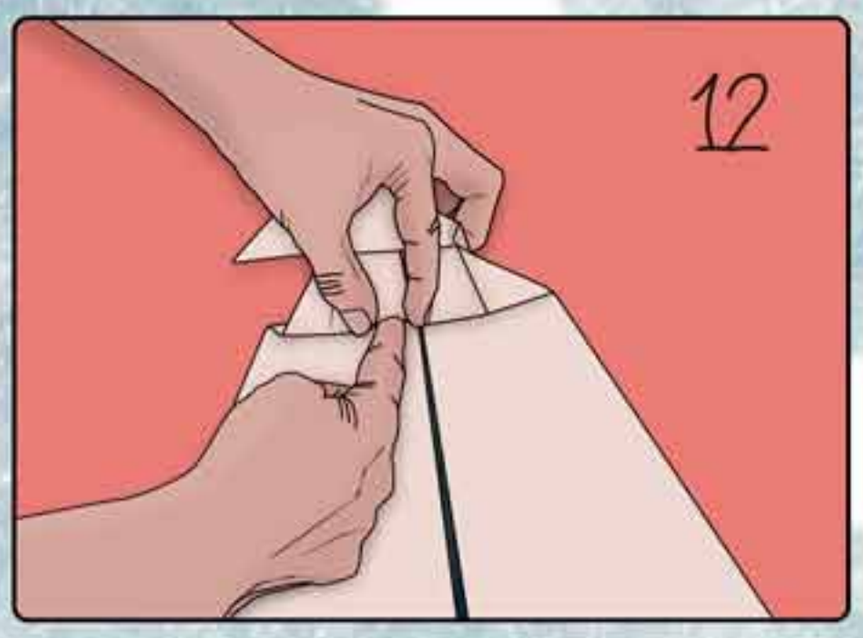
Swivel-fold to define the outer edge of
the posterior leg which will be furthest from the viewer.



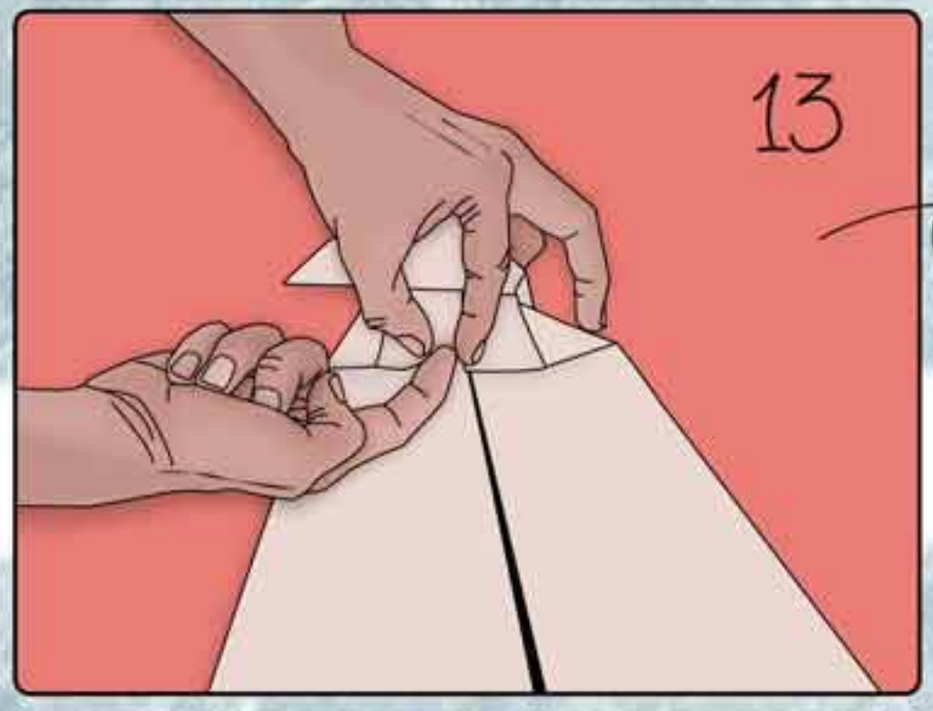
Now we are going to decide where to draw the
line separating the front leg from the body.



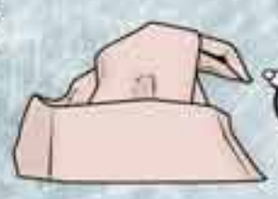
This is the result.

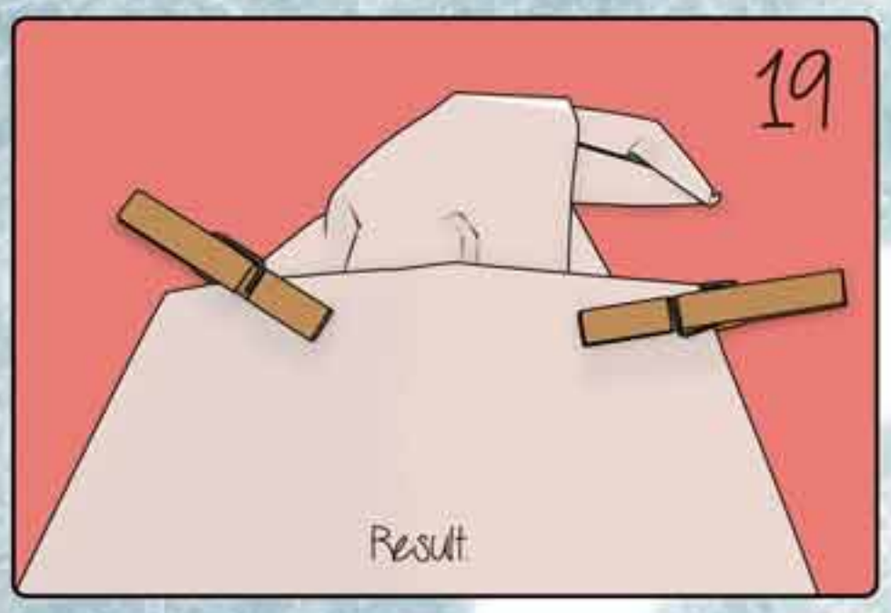


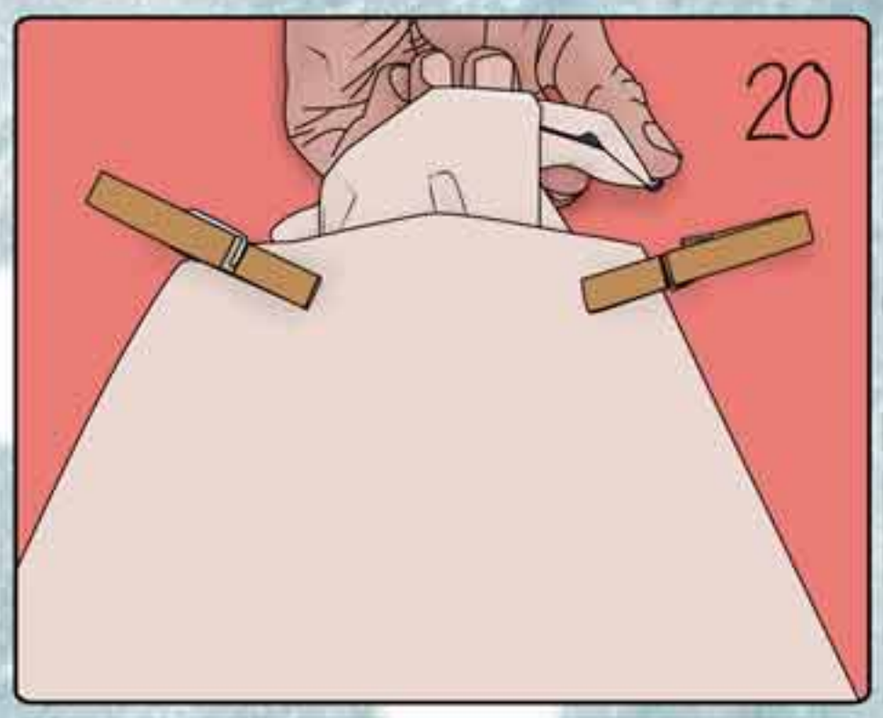
In order to do this, we push the base up with
a finger and start pinching
with the other hand.



Like this, then turn around.

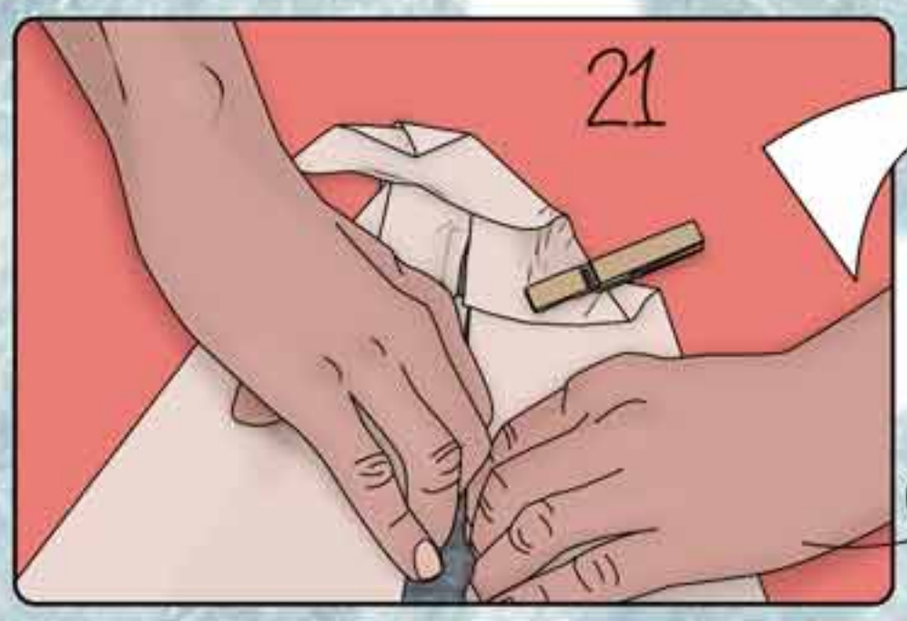




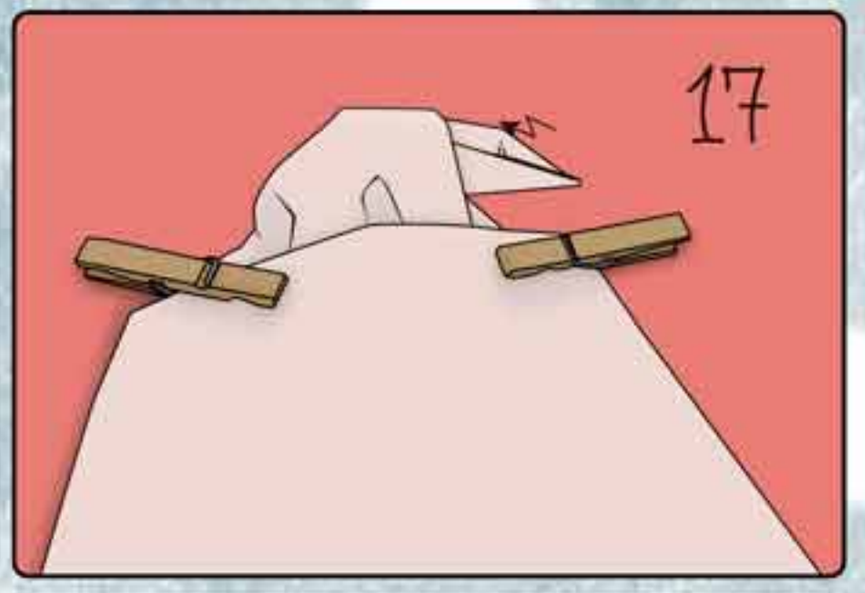


Shape the head and neck by curving them backwards a little - the bear is finished

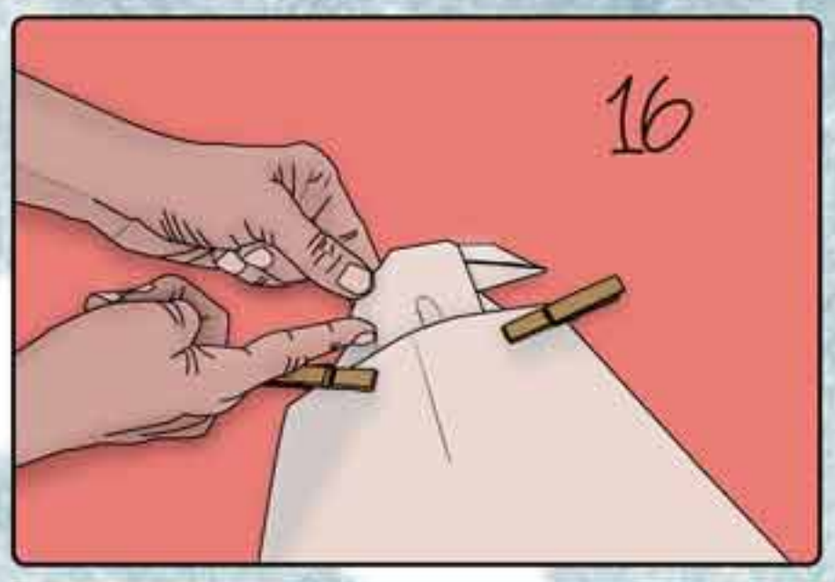
Shape the tip of the nose
(you can reverse it for a slight color change)



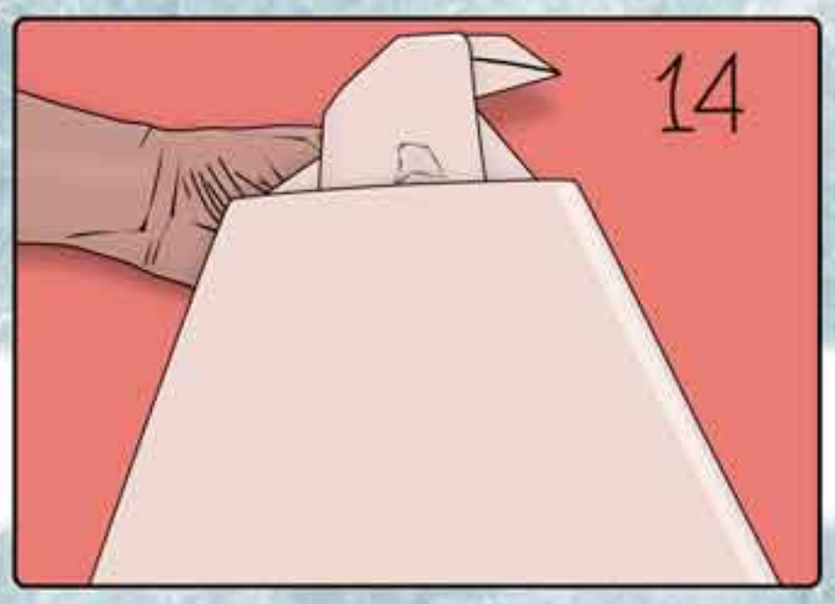
If you have used a large sheet you can now open up the back layers to define a landscape - this will generally not look the same twice



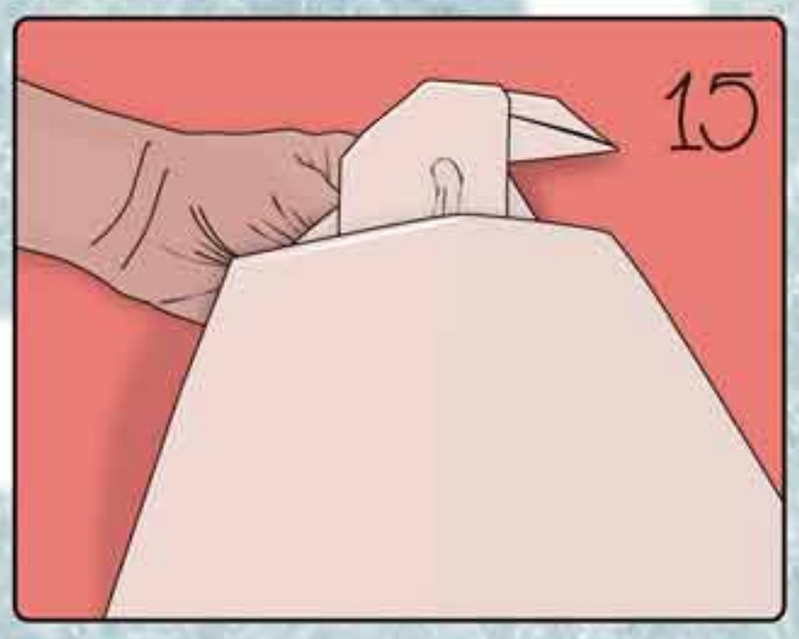
This is the result. Pull the upper layer of the head downwards, this will give you a little paper reserve to shape an ear



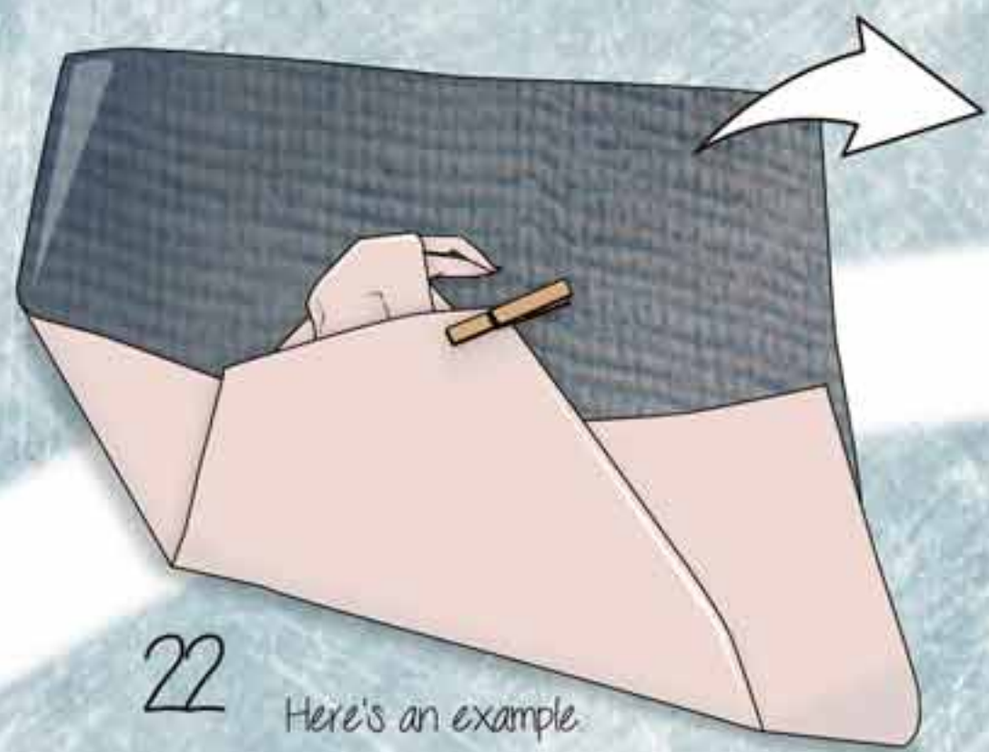
Then press the back of the body to shape the posterior legs. (I do this with my right index here).



In progress.
View from the front - pinch the back firmly when you are sure this is the right spot

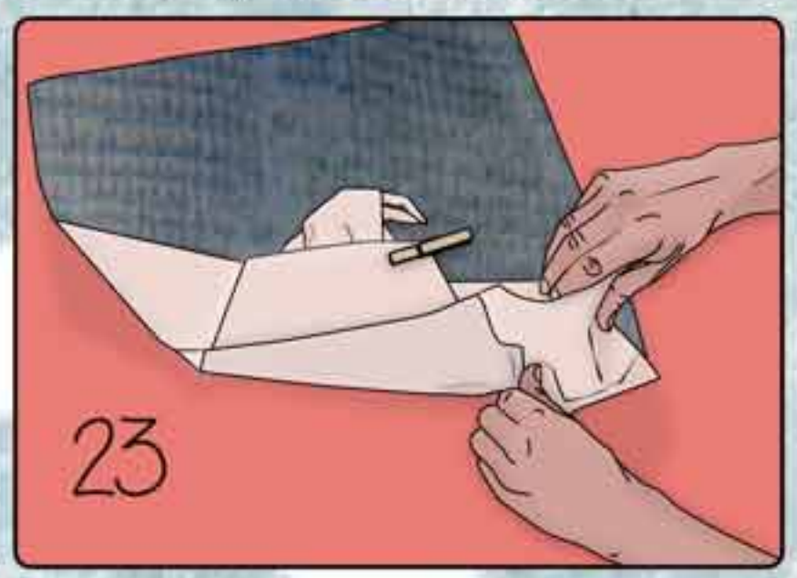


Like this

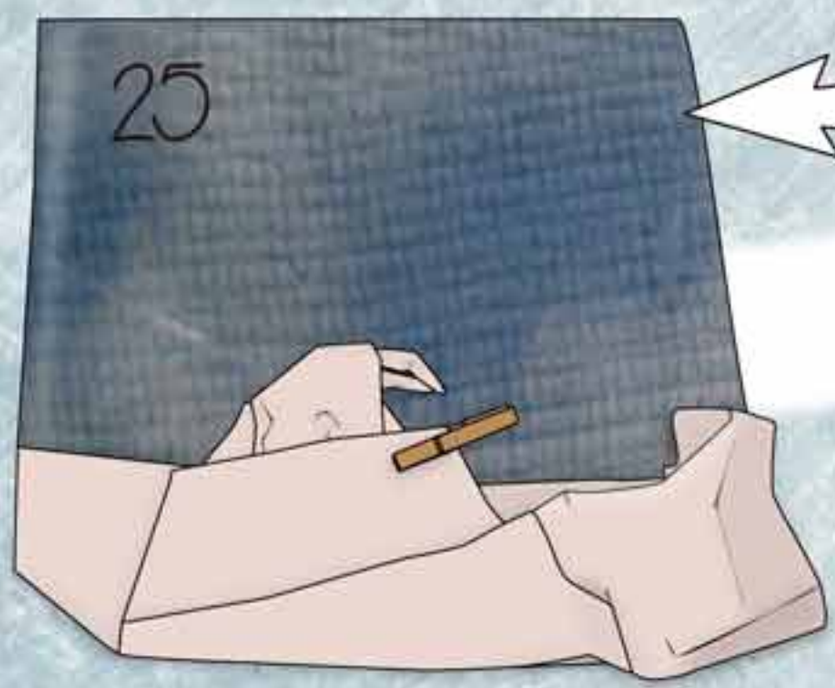


Here's an example

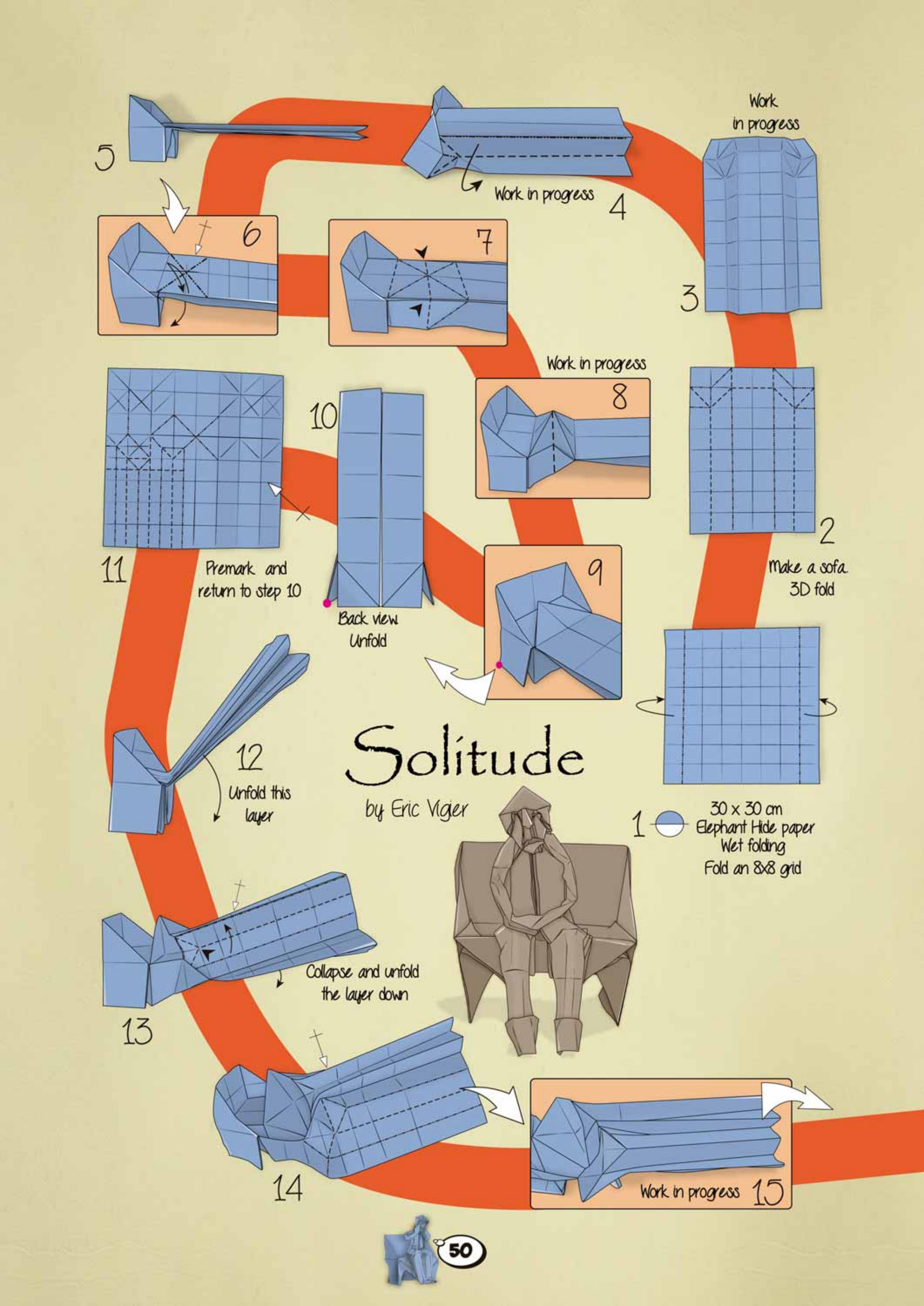
You can add lines through crimping, swiveling and pushing curves into the wet sheet.

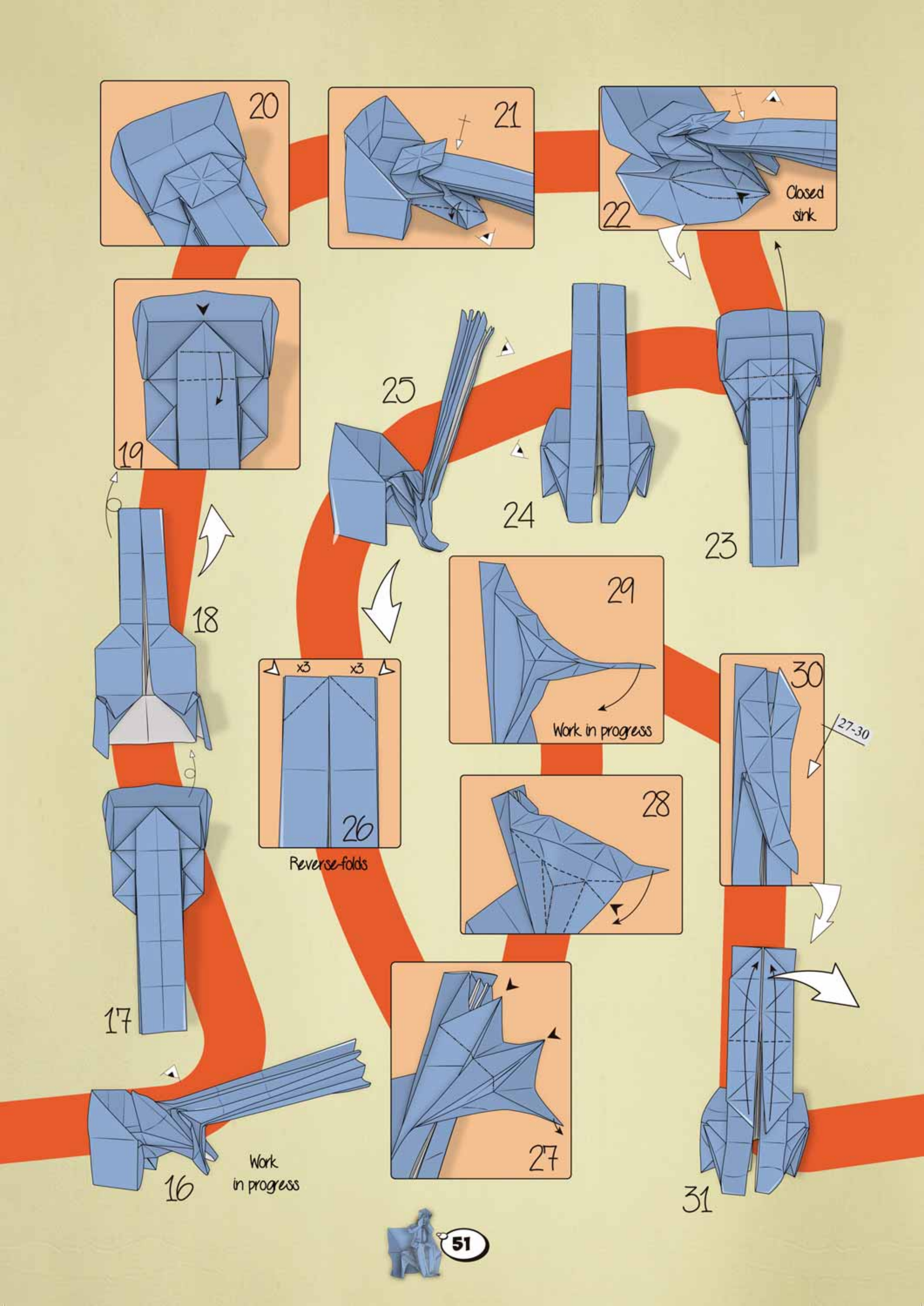


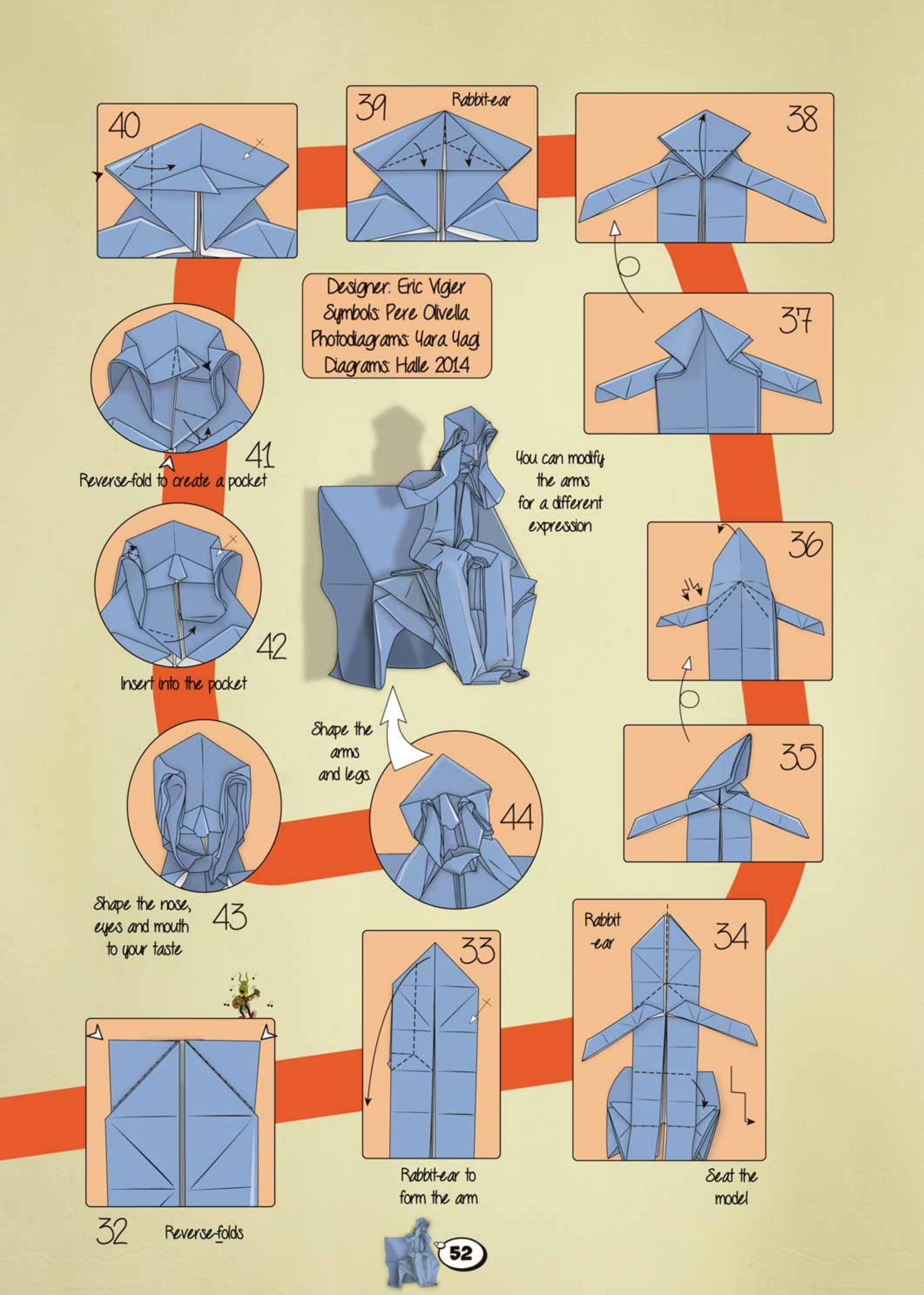
Go for it, look for a landscape you like.



I normally fold the edges so as to more or less define a frame. It can be pretty much any shape you like.

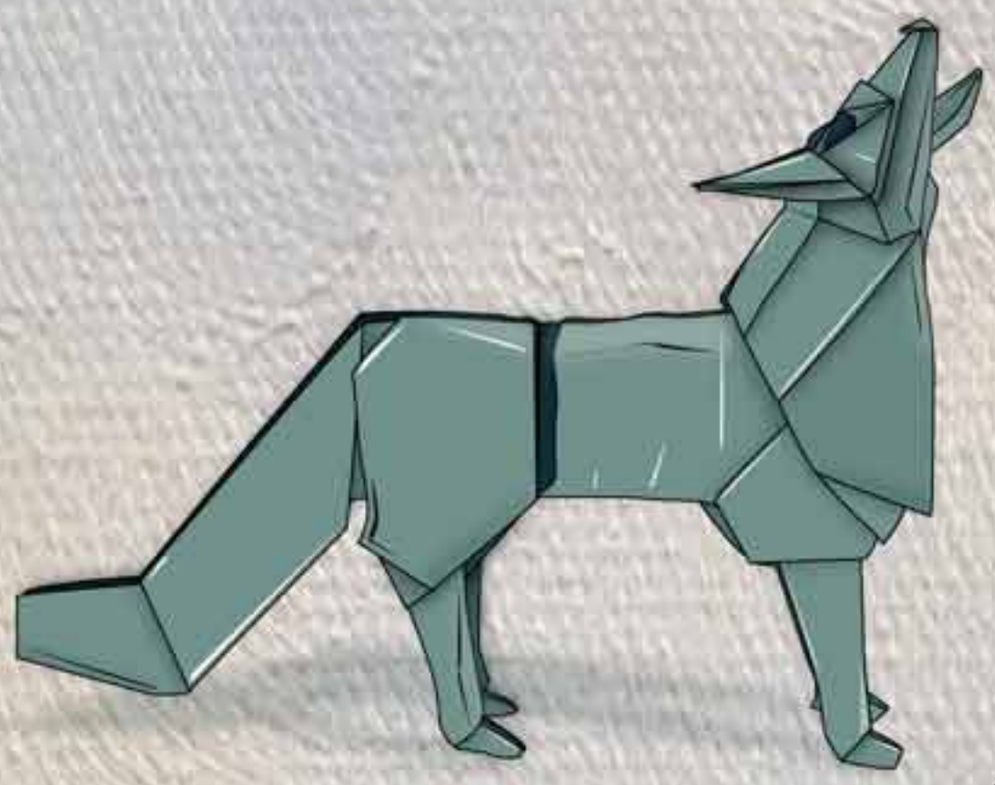

Solitude
by Eric Vigier
1
30 x 30 cm
Elephant Hide paper
Wet folding
Fold an 8x8 grid
2
Make a sofa
3D fold
3
Work
in progress
4
Work in progress
5
6
7
8
Work in progress
9
10
Back view
Unfold
11
Premark and
return to step 10
12
Unfold this
layer
13
Collapse and unfold
the layer down
14
15
Work in progress
50

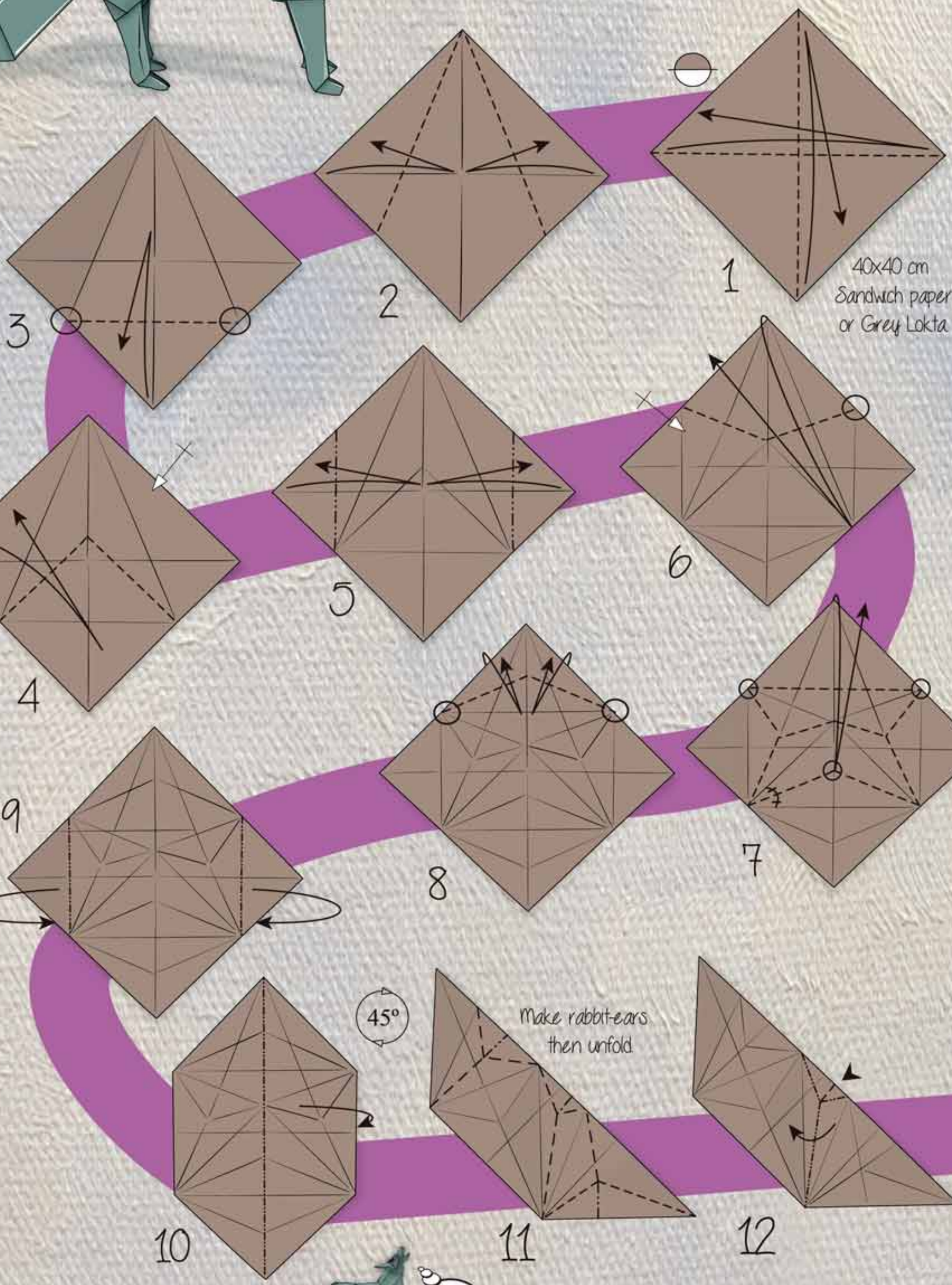

20
21
22
Closed sink
19
23
24
25
18
29
Work in progress
x3
x3
26
Reverse-folds
30
27-30
28
17
27
16
Work in progress
31

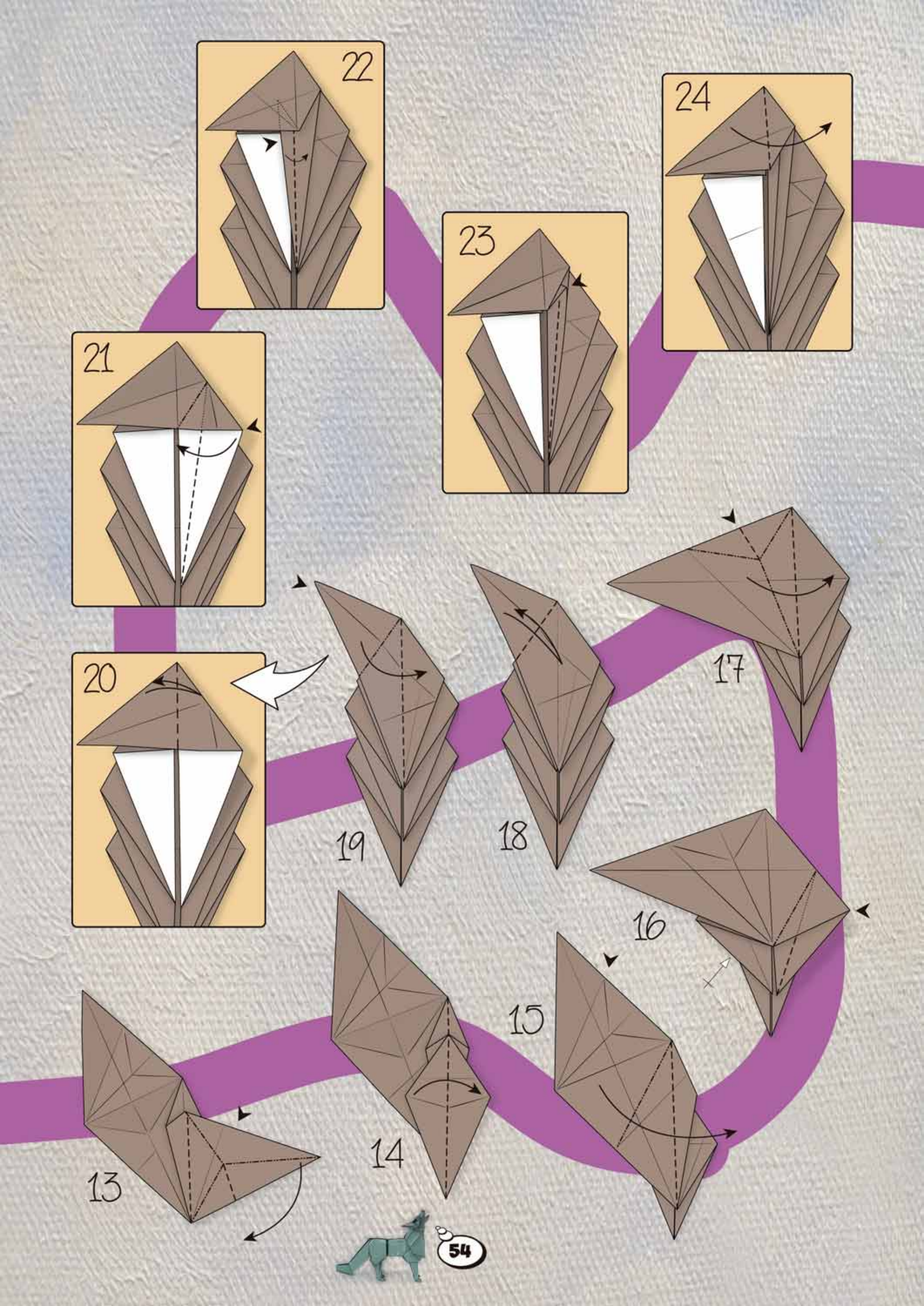

40
39
Rabbit-ear
38
Designer: Eric Vigier
Symbols: Pere Olivella
Photodiagrams: Yara Yagi
Diagrams: Halle 2014
37
41
Reverse-fold to create a pocket
You can modify the arms for a different expression
36
42
Insert into the pocket
35
Shape the arms and legs
44
43
Shape the nose, eyes and mouth to your taste
Rabbit -ear
34
33
Rabbit-ear to form the arm
Seat the model
32
Reverse-folds
52

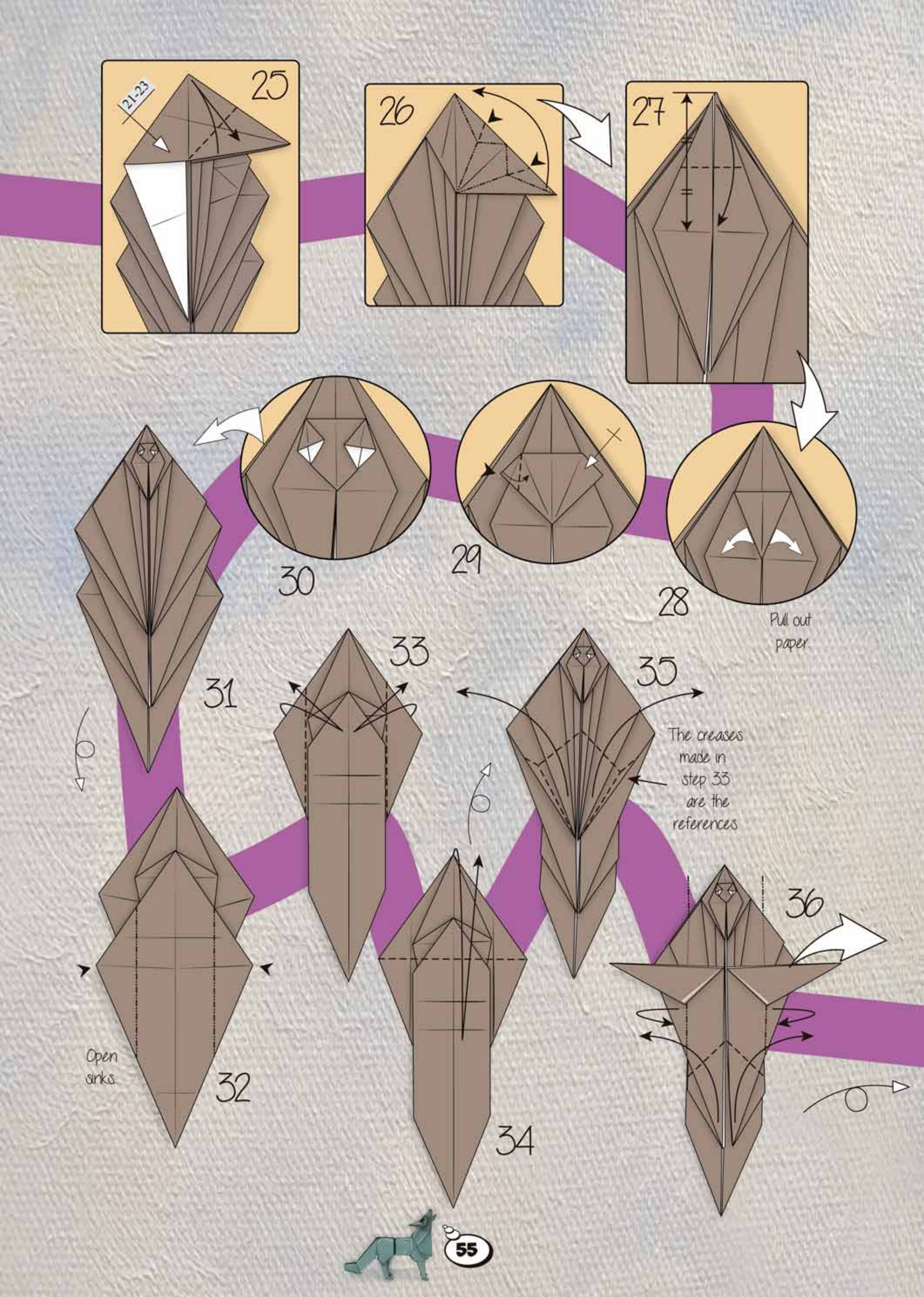
COYOTE

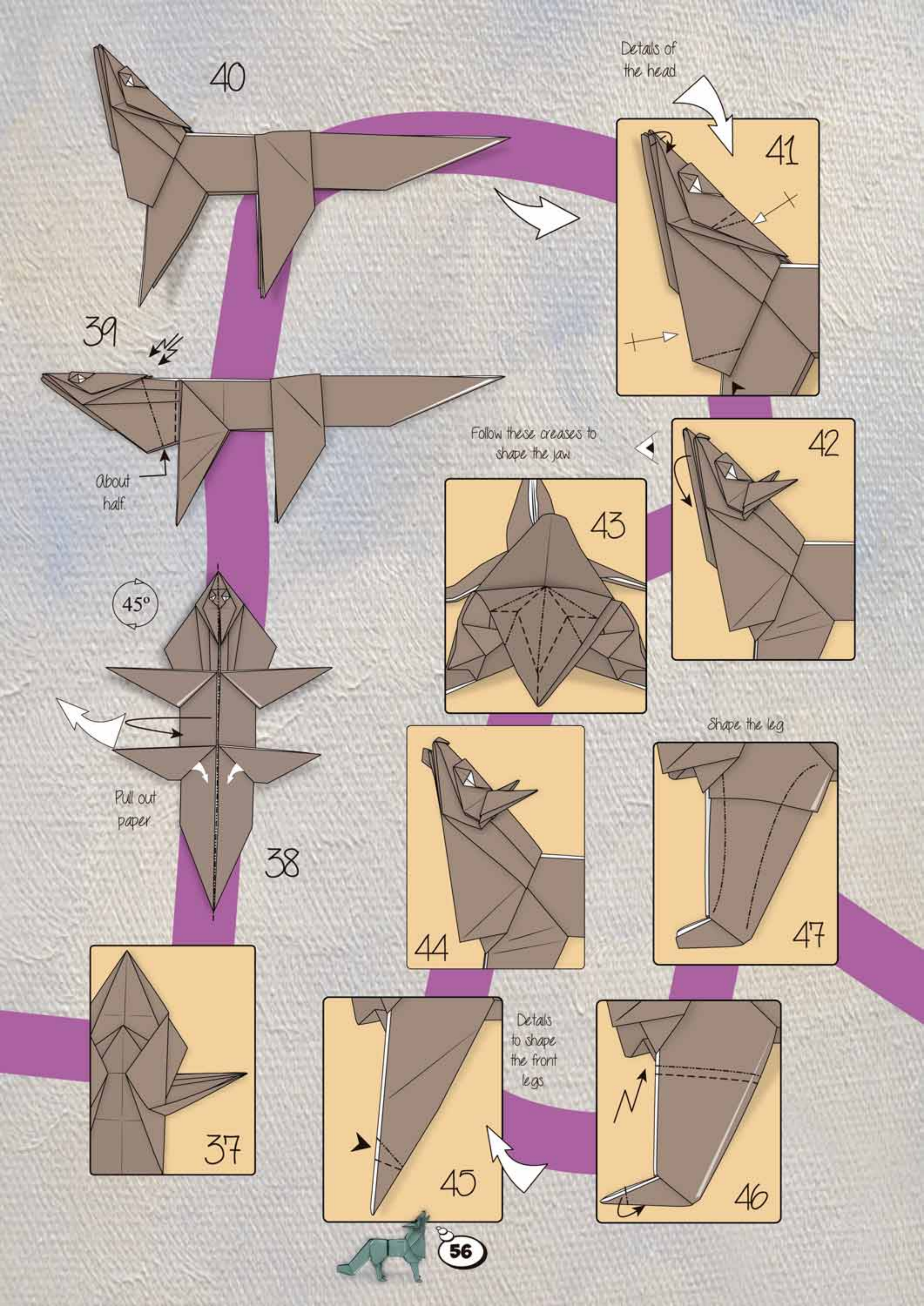
by Richard Ojeda Soto

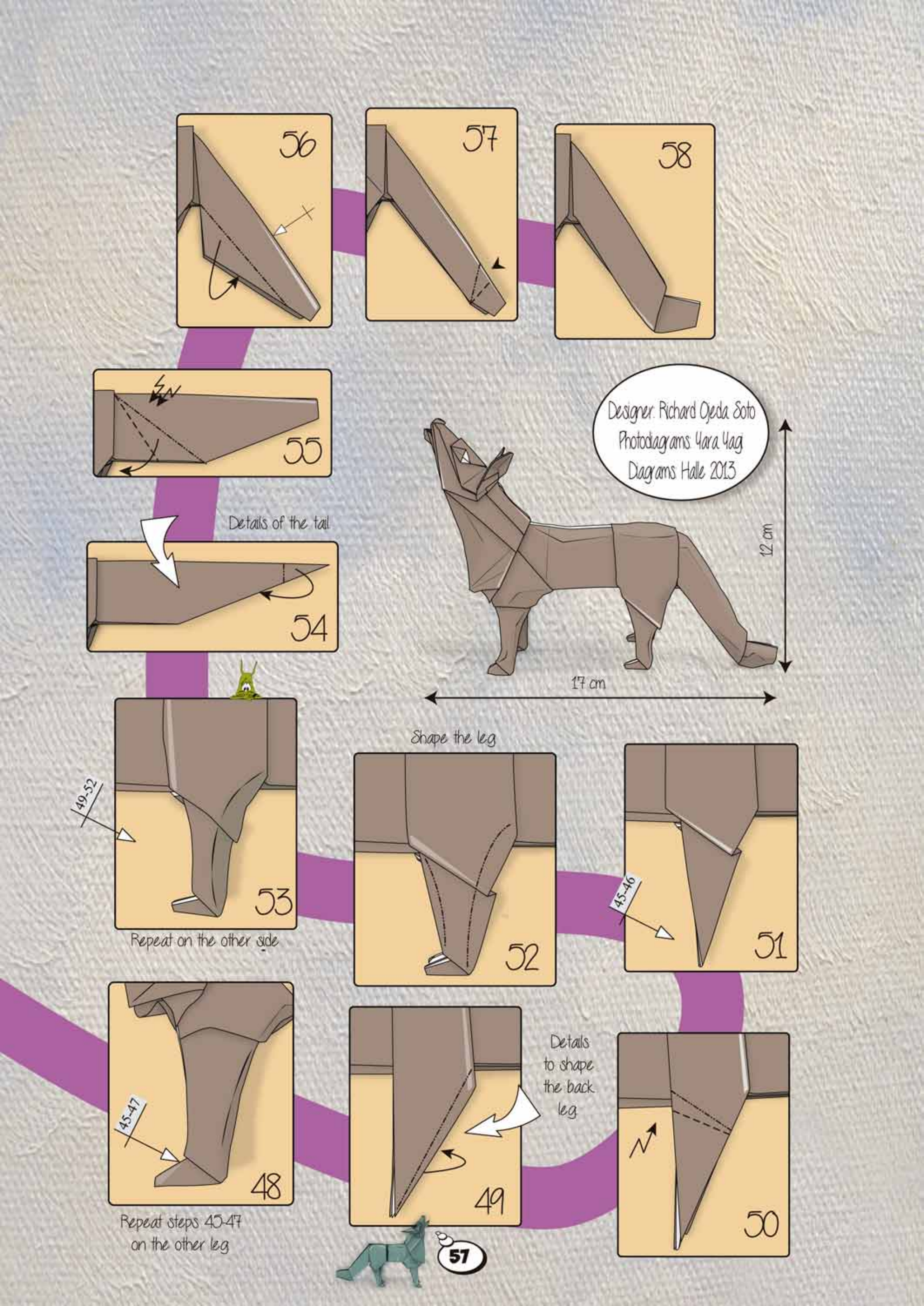





22
23
24
21
20
19
18
17
16
15
14
13

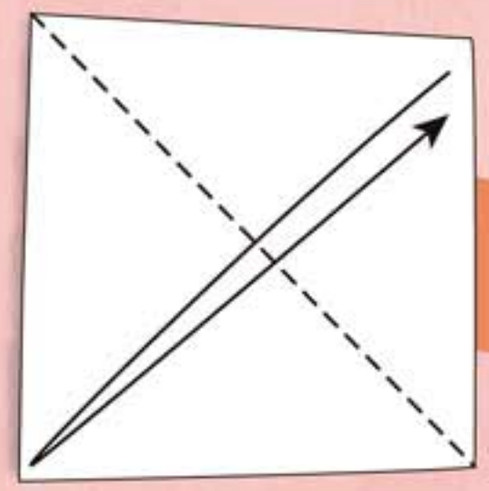

25
21-23
26
27
28
Pull out paper
29
30
31
32
Open sinks
33
34
35
The creases made in step 33 are the references
36


40
Details of the head
41
39
about half
Follow these creases to shape the jaw
42
43
45°
Pull out paper
38
44
Shape the leg
47
37
Details to shape the front legs
45
46
56


56
57
58
55
Details of the tail
54
Designer: Richard Ojeda Soto
Photodiagrams: Yara Yagi
Diagrams Halle 2013
12 cm
17 cm
49-52
53
Repeat on the other side
Shape the leg
52
45-46
51
45-47
48
Repeat steps 45-47
on the other leg
49
Details
to shape
the back
leg
50
57

CORTO MALTESE

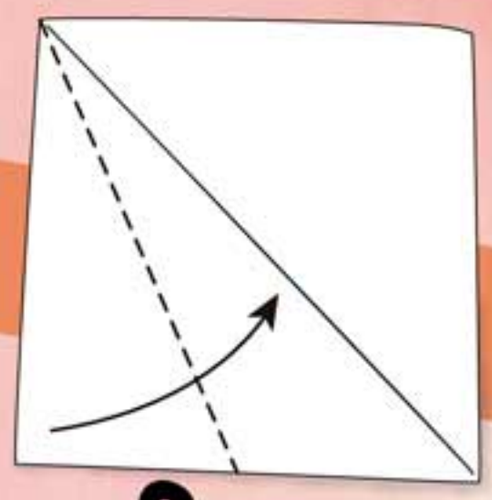
by Kaze



1

30X30 cm

Paper : Tissue-foil
or unryu + Lokta with
methylcellulose for best shaping



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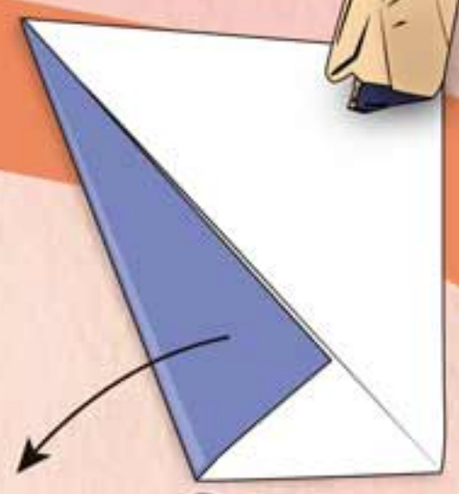

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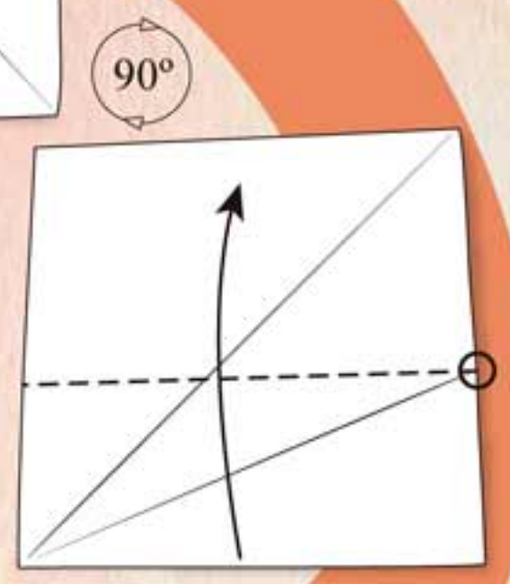

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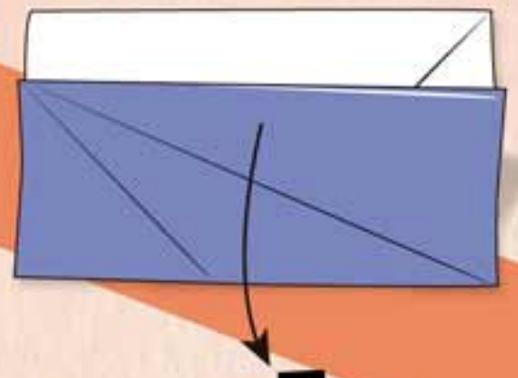

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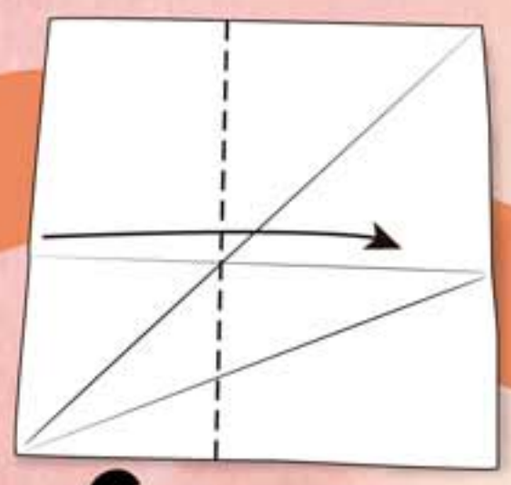

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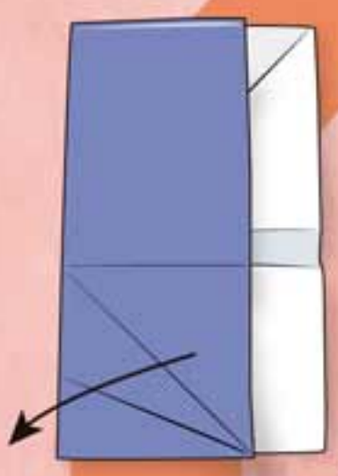

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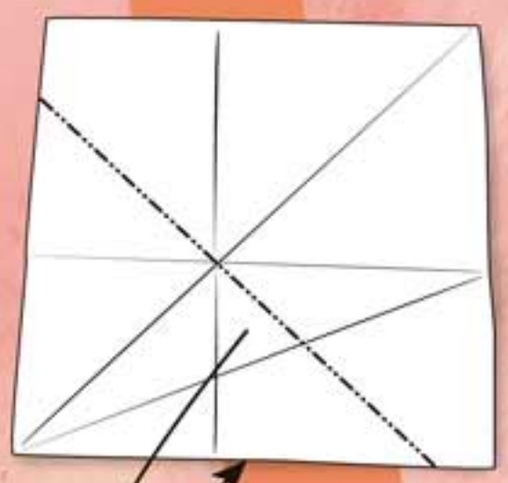

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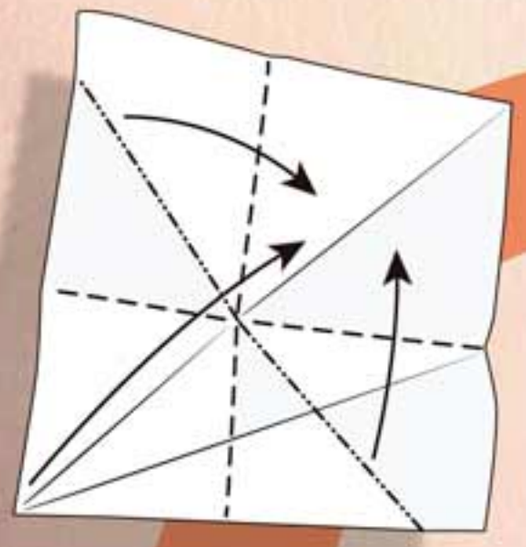
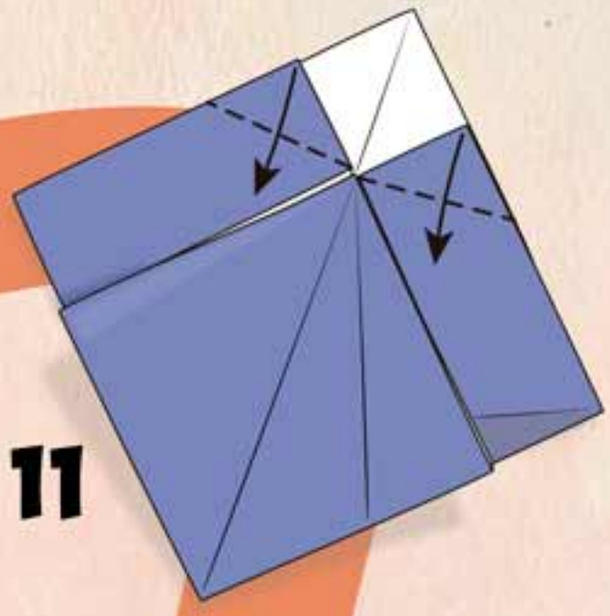


Fold a preliminary base

10



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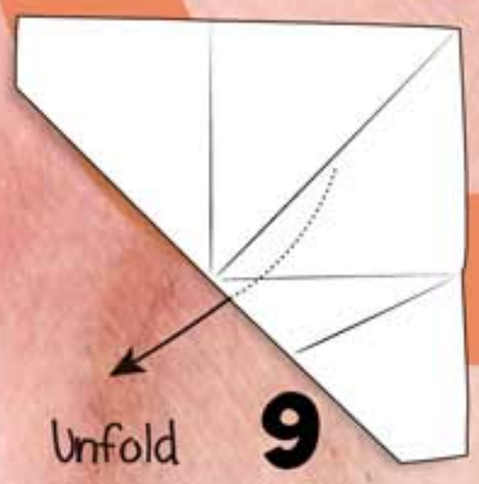
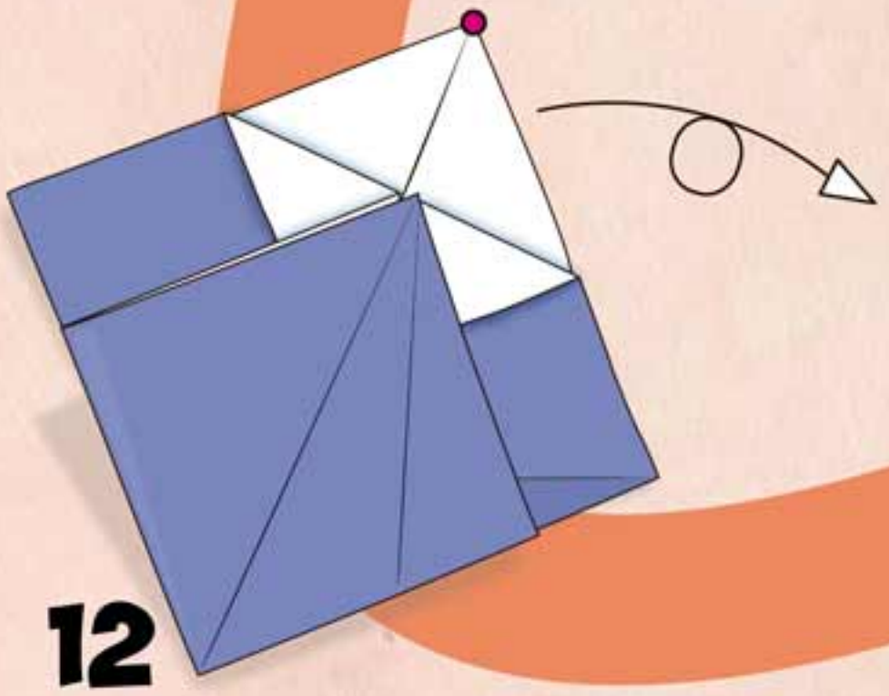


Unfold

9



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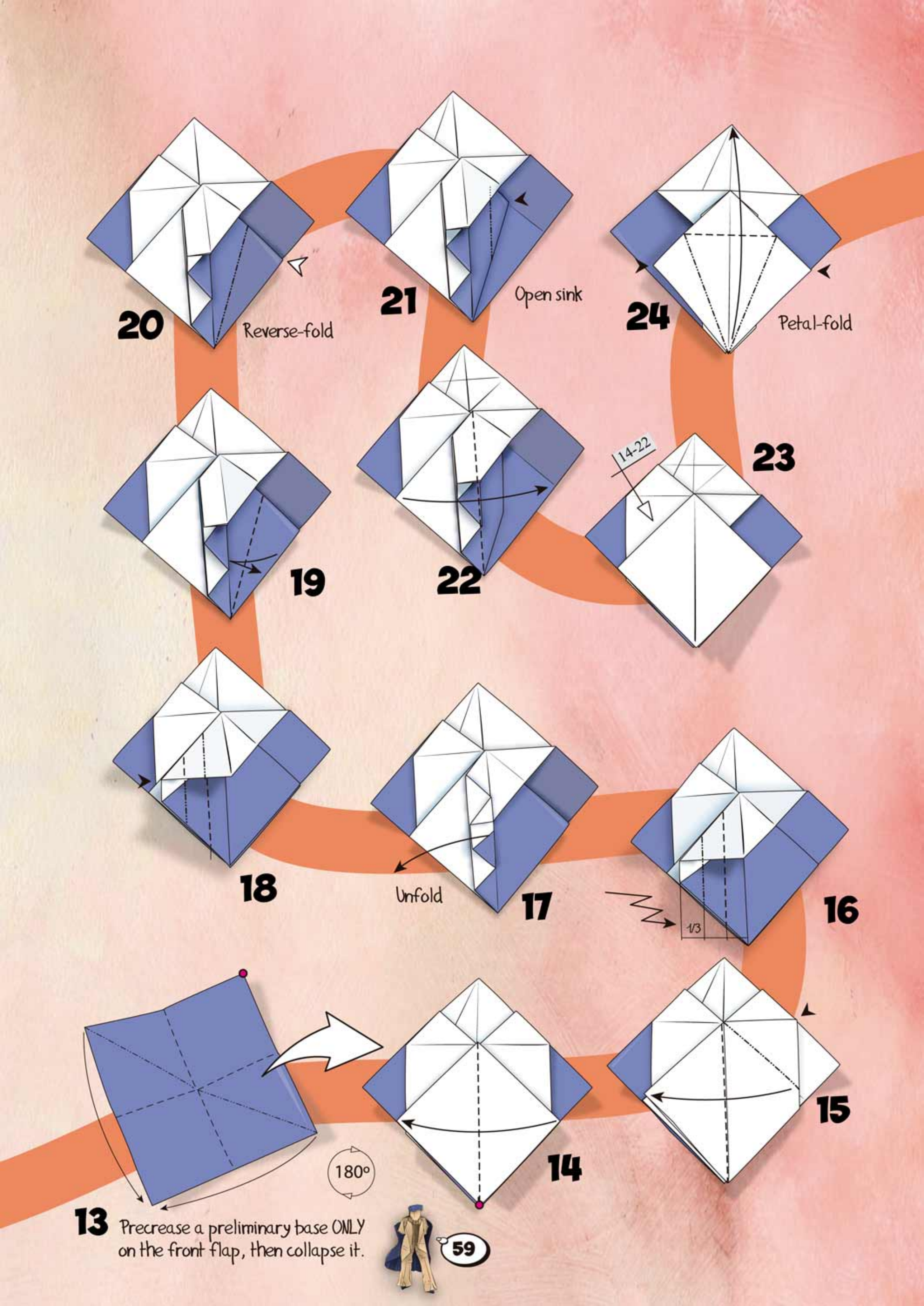
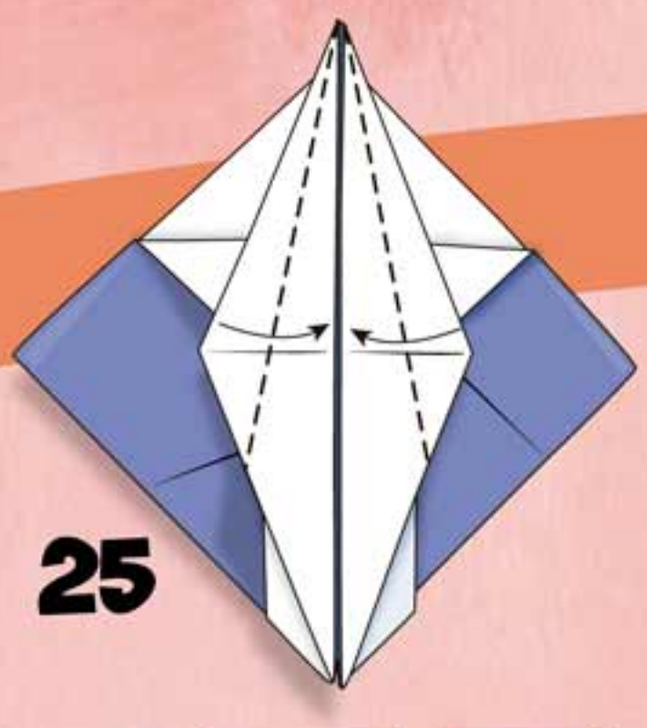


Precrease a preliminary base ONLY on the front flap, then collapse it.



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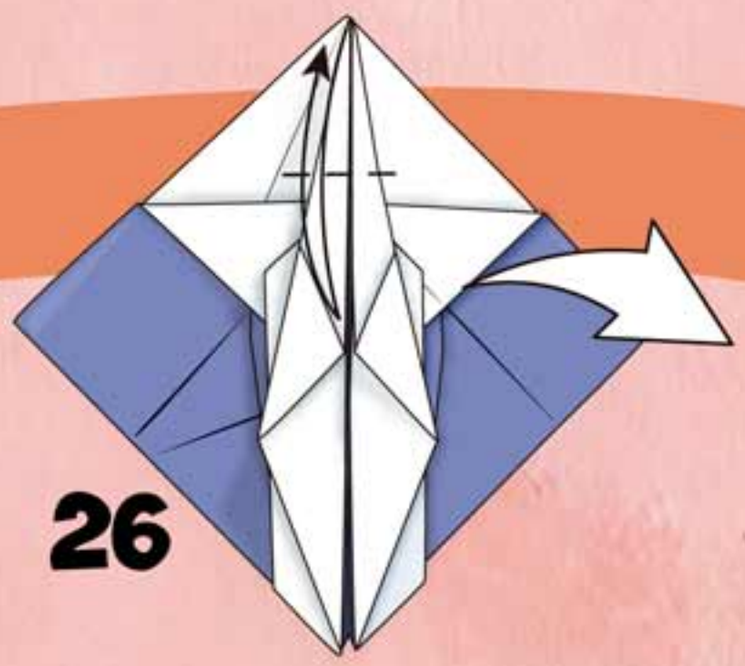


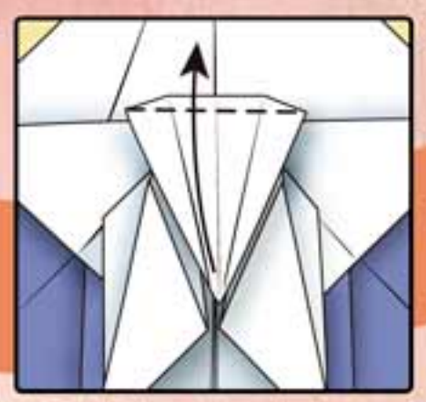
26

27

Open only the first layer

28

Working in progress



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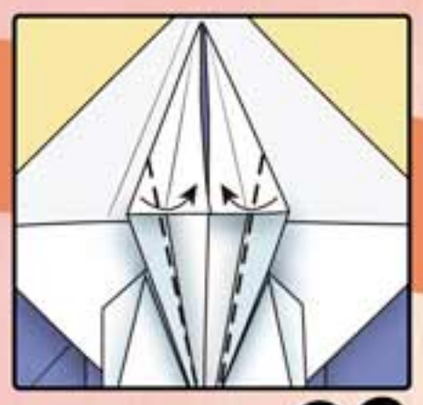

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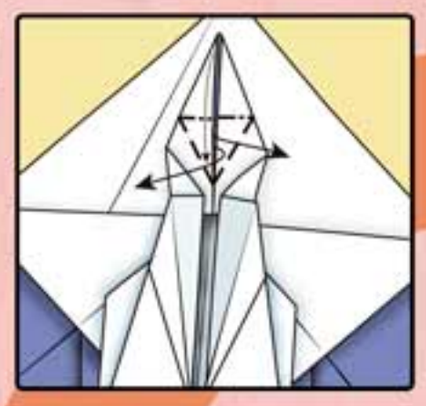
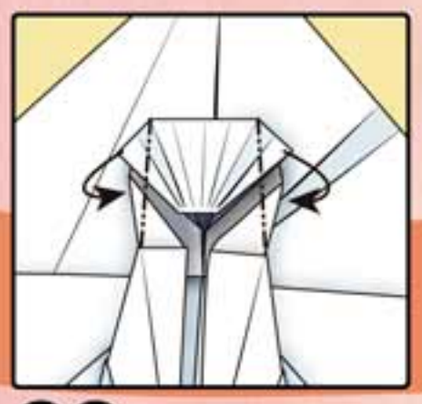


No reference points

32



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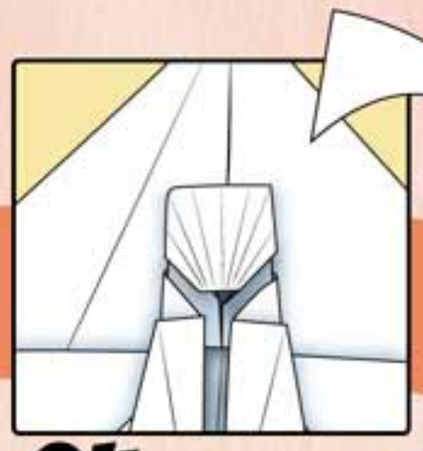

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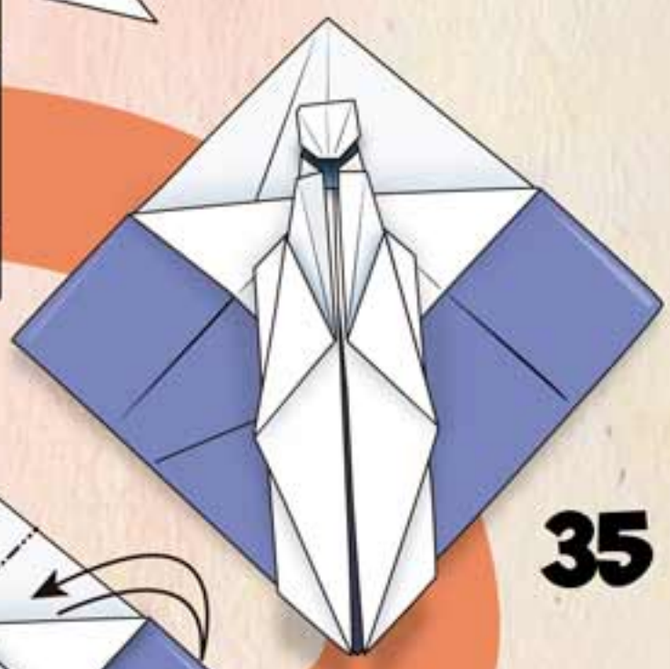

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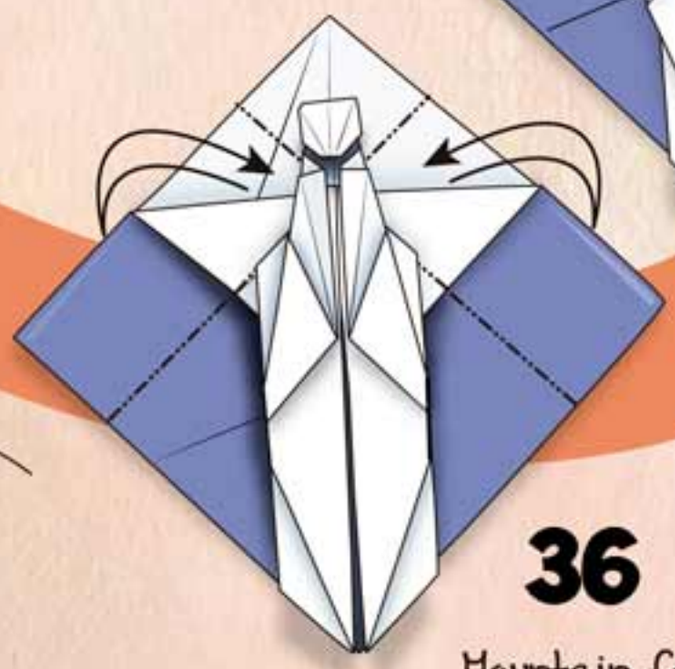
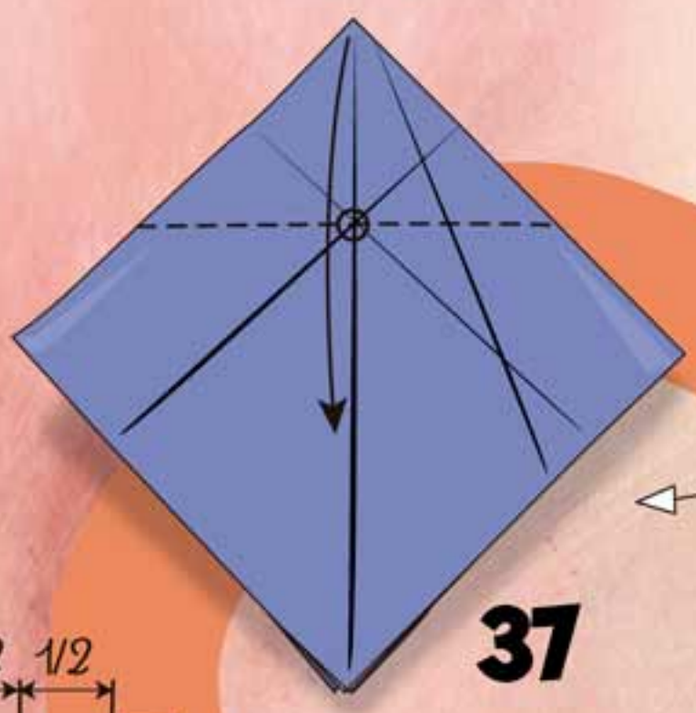


36

Mountain-fold and unfold



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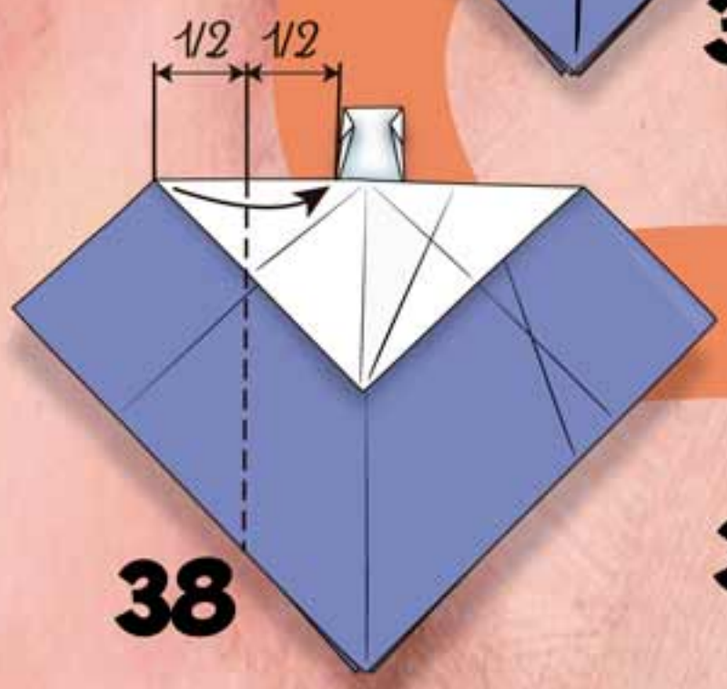

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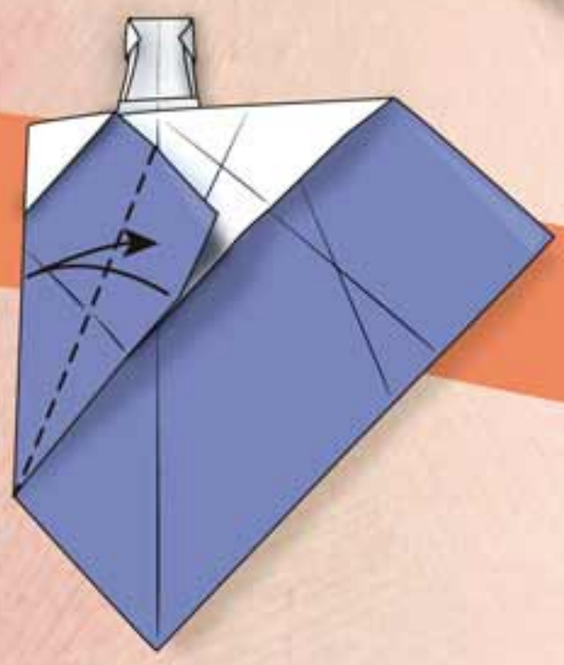

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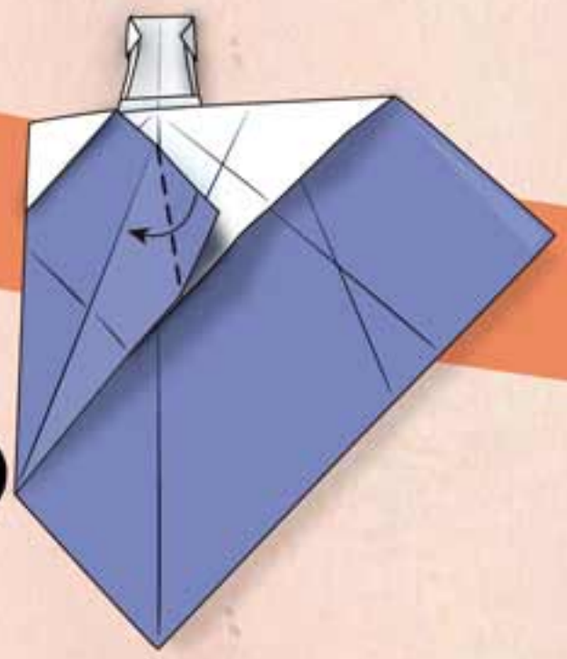
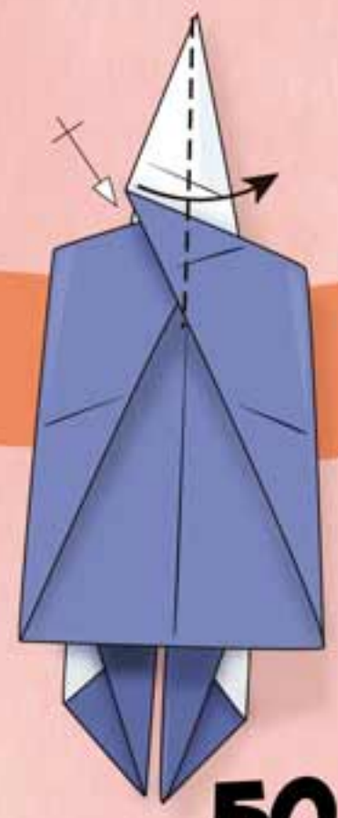


40

Bring one layer forward onto the front large flap. Leave a layer in back for the cape so the appearance on the back must stay the same.

49

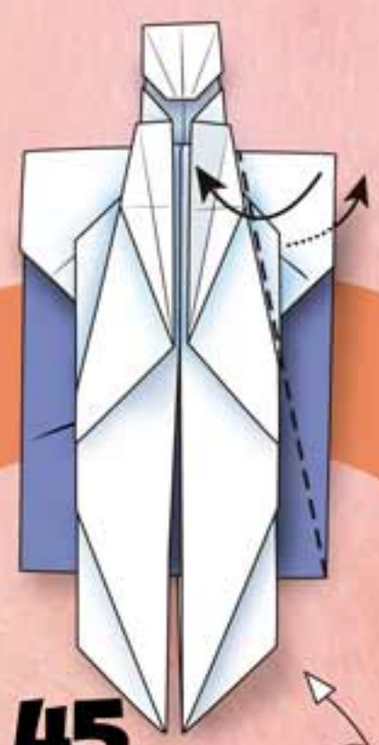


50

51

48

Fold up the internal tip, unfolding also the two colored triangles.



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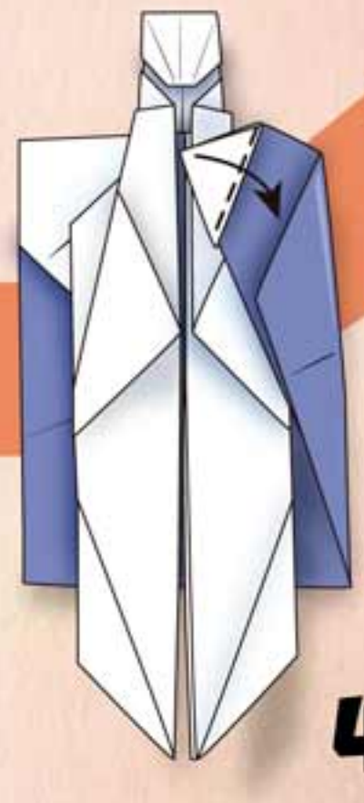

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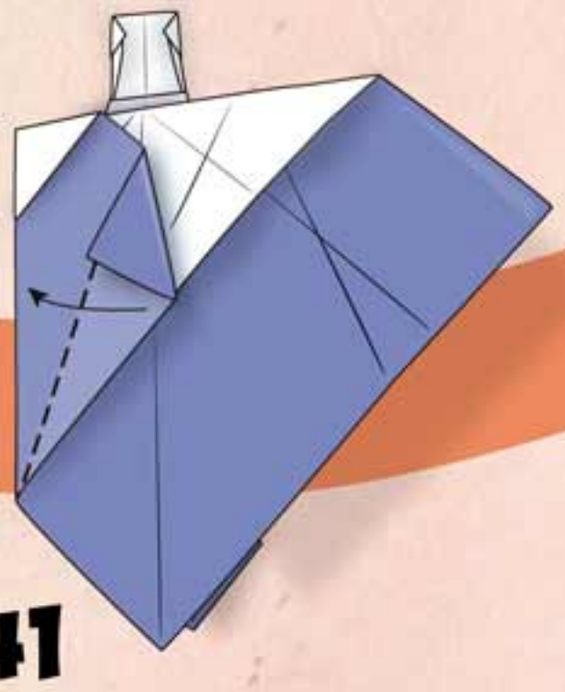
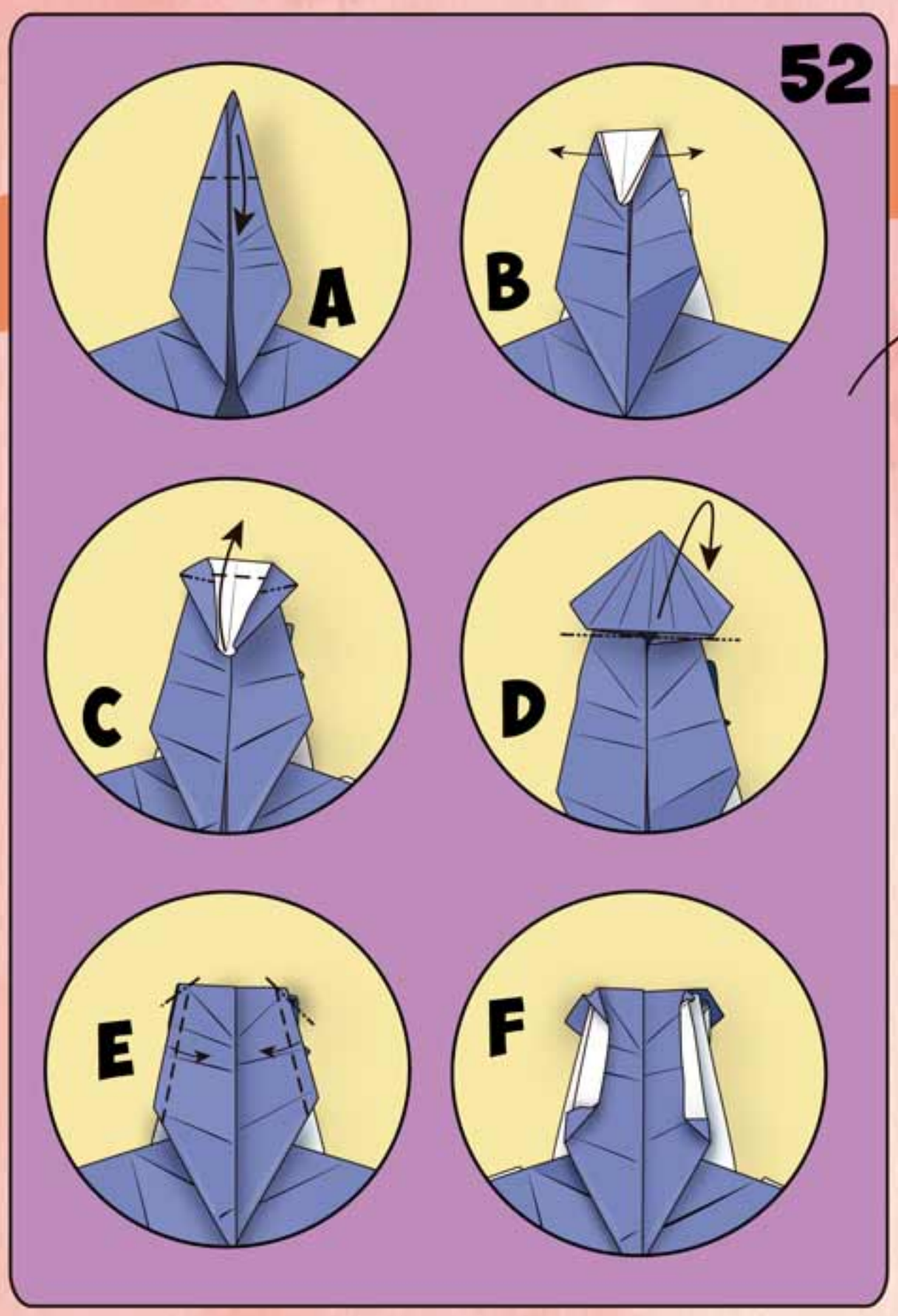


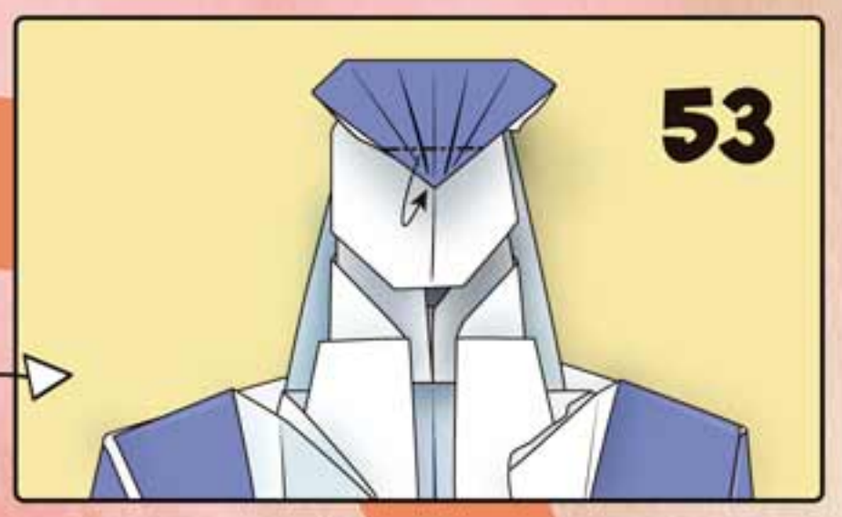
41

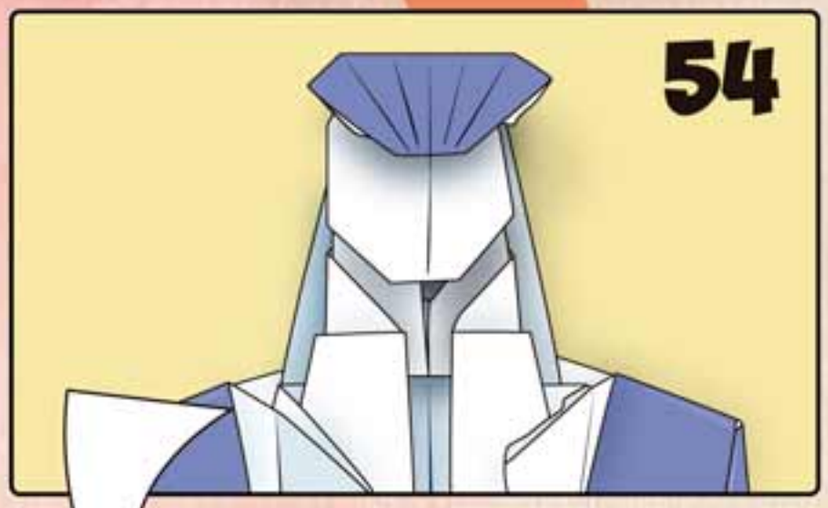
42

43

Sink inside





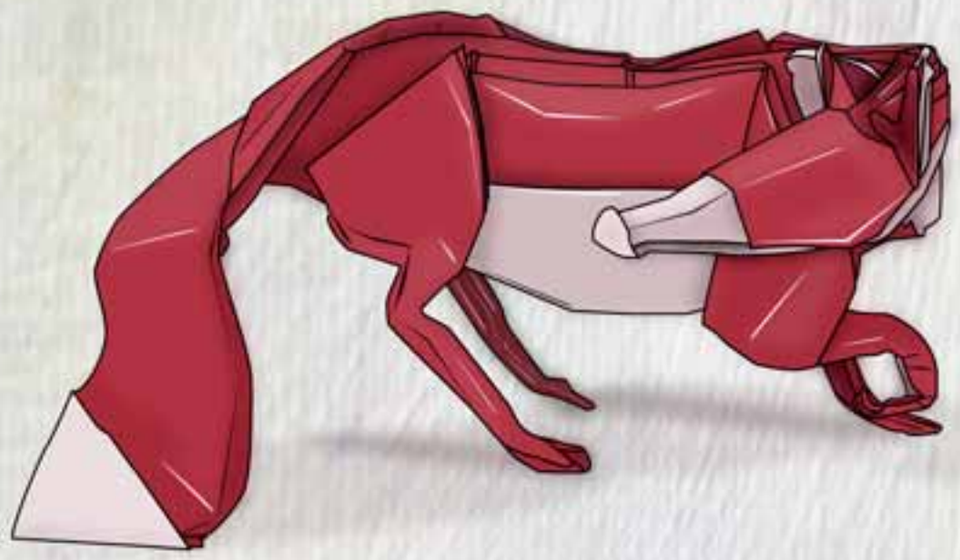


Finally, shape the character as you wish. These are the interpretations by two great folders:

Interpretation by Gachepapier

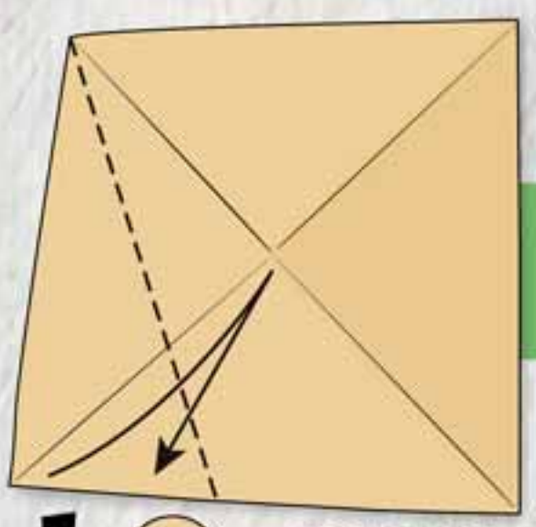
Interpretation by Papygami

Designer: Kaze
Photodiagrams: Pere Olivella
Diagrams : Halle 2012



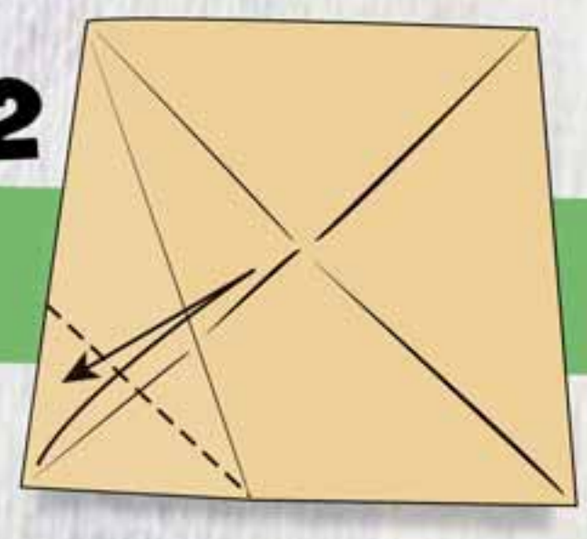
FOX

by José M. Herrera Bello



1

35 X 35 CM
Tant Paper
Wet folding



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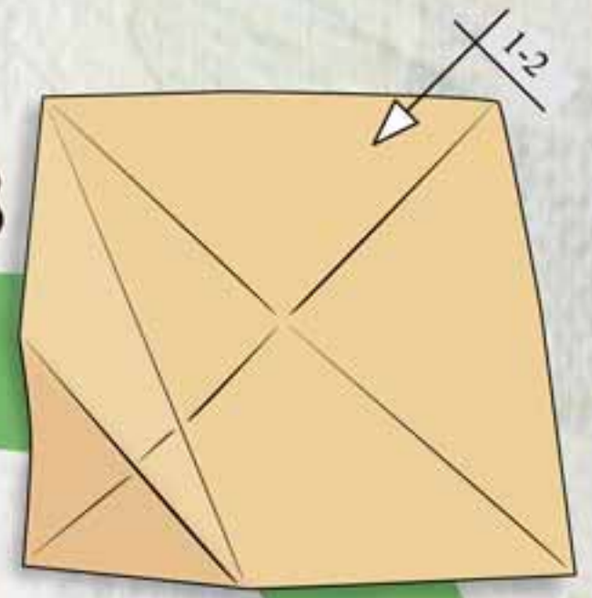

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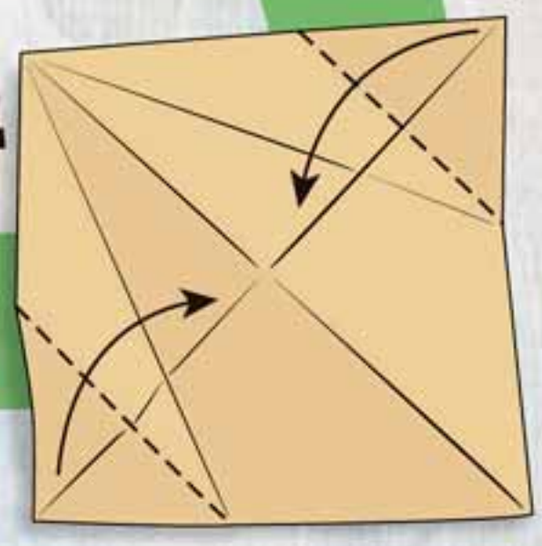

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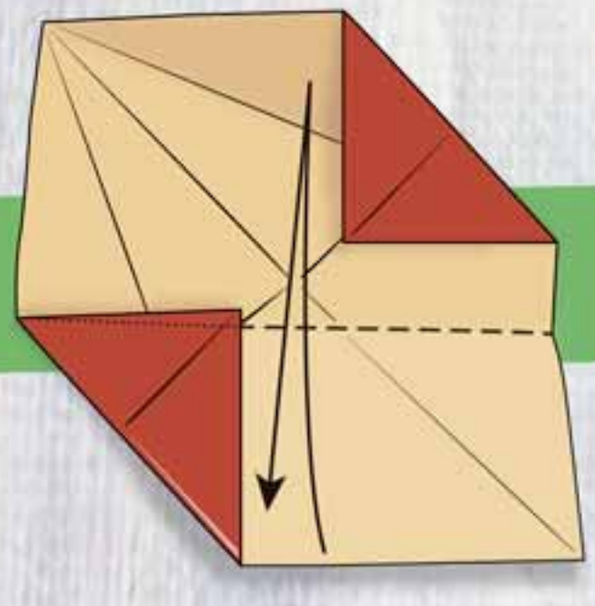

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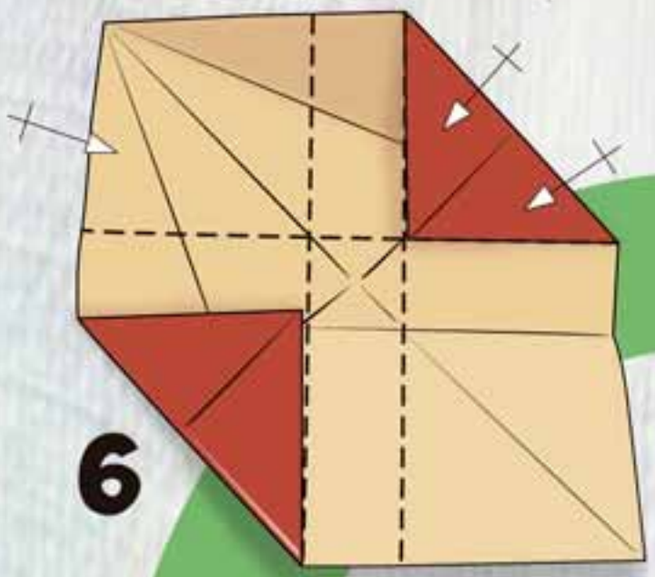

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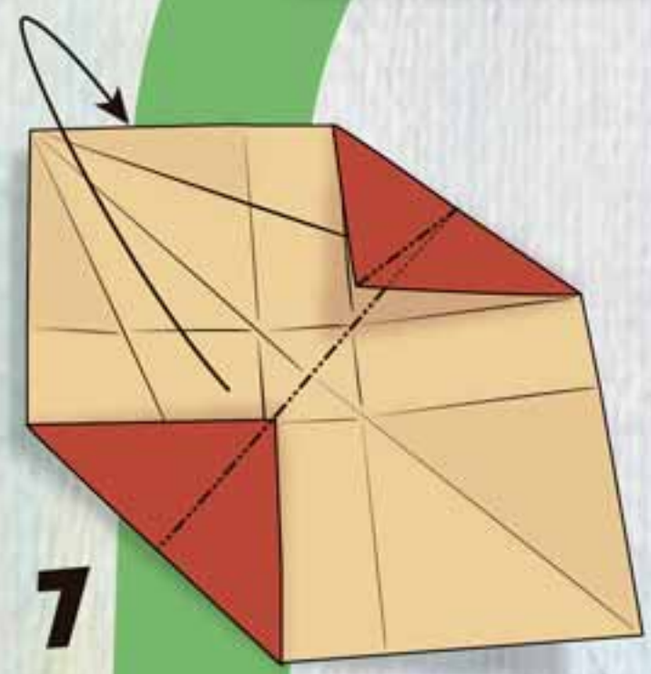

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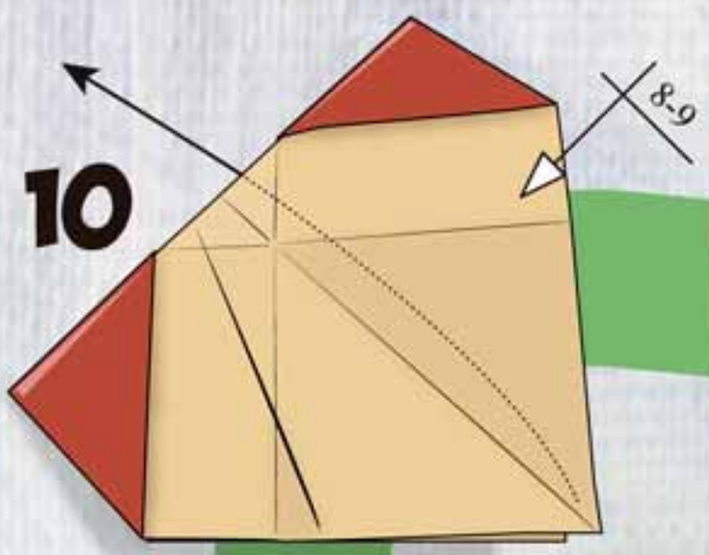
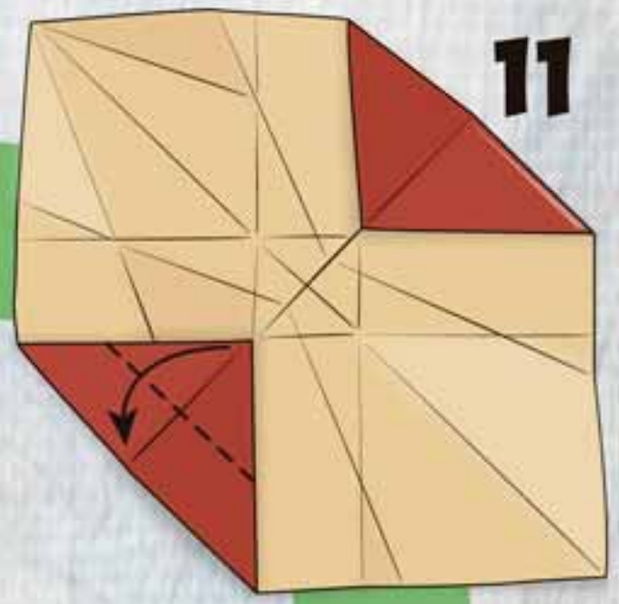


10

Repeat on the other side then unfold



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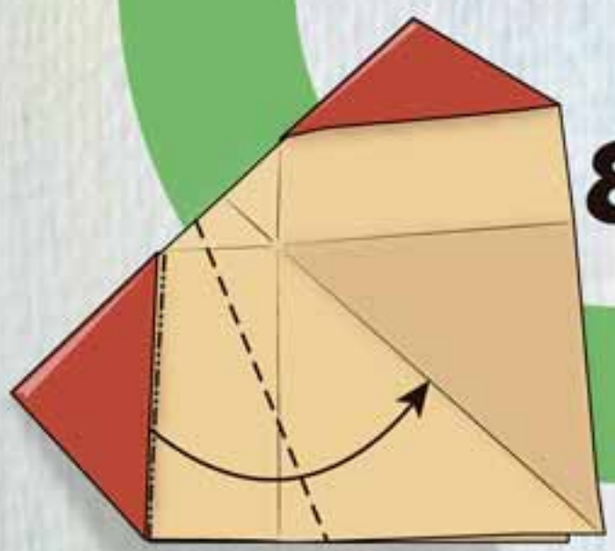

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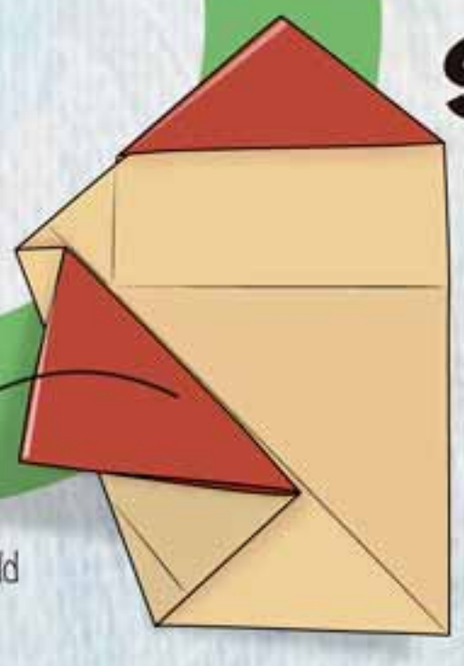
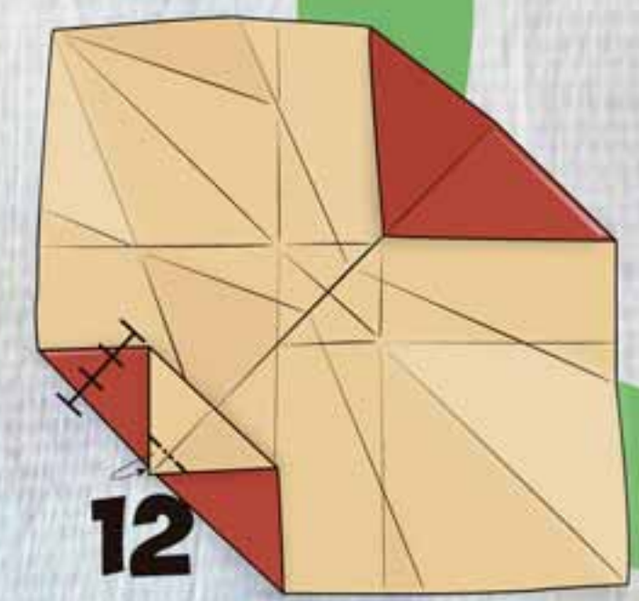


9

Unfold



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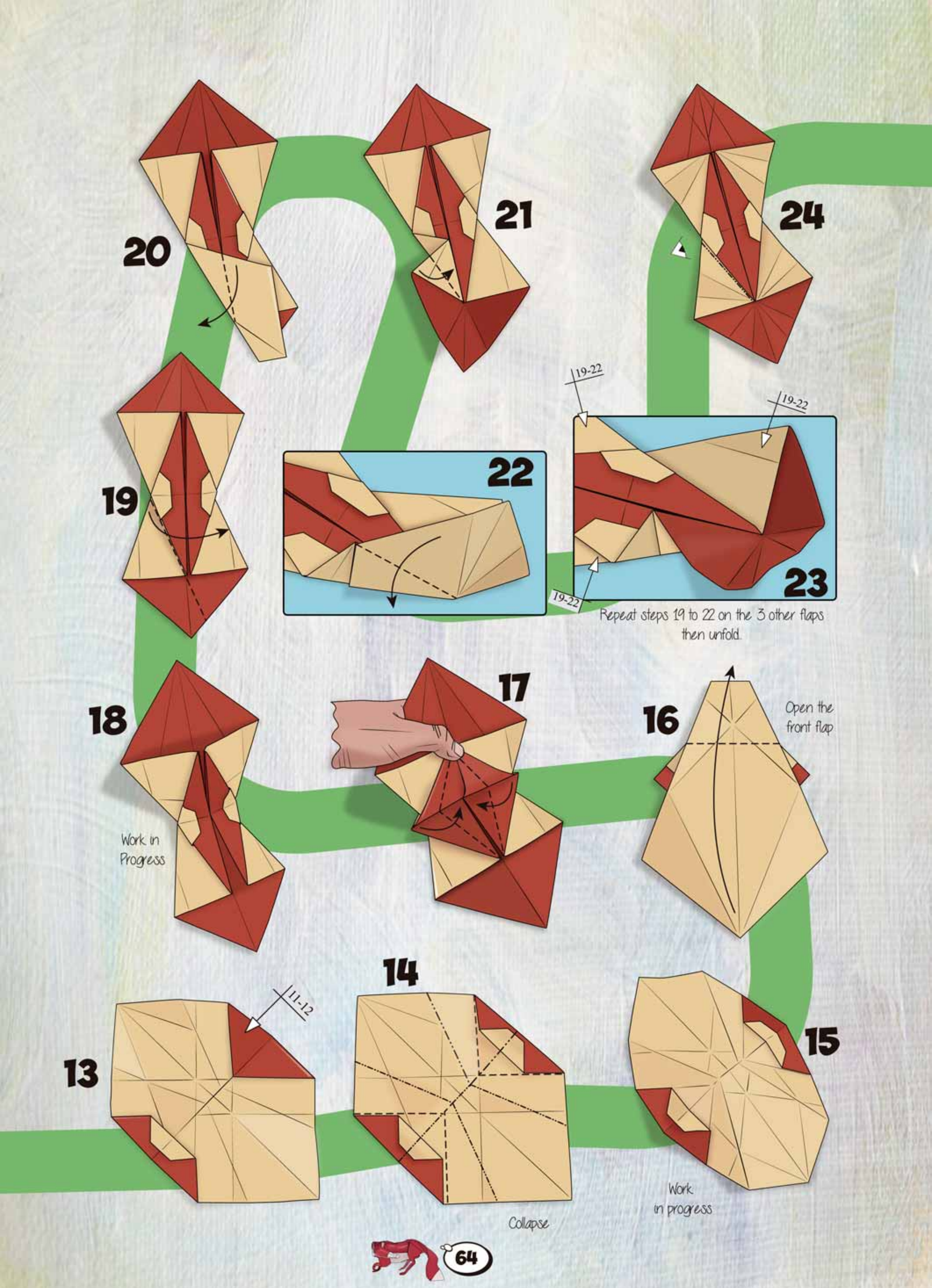
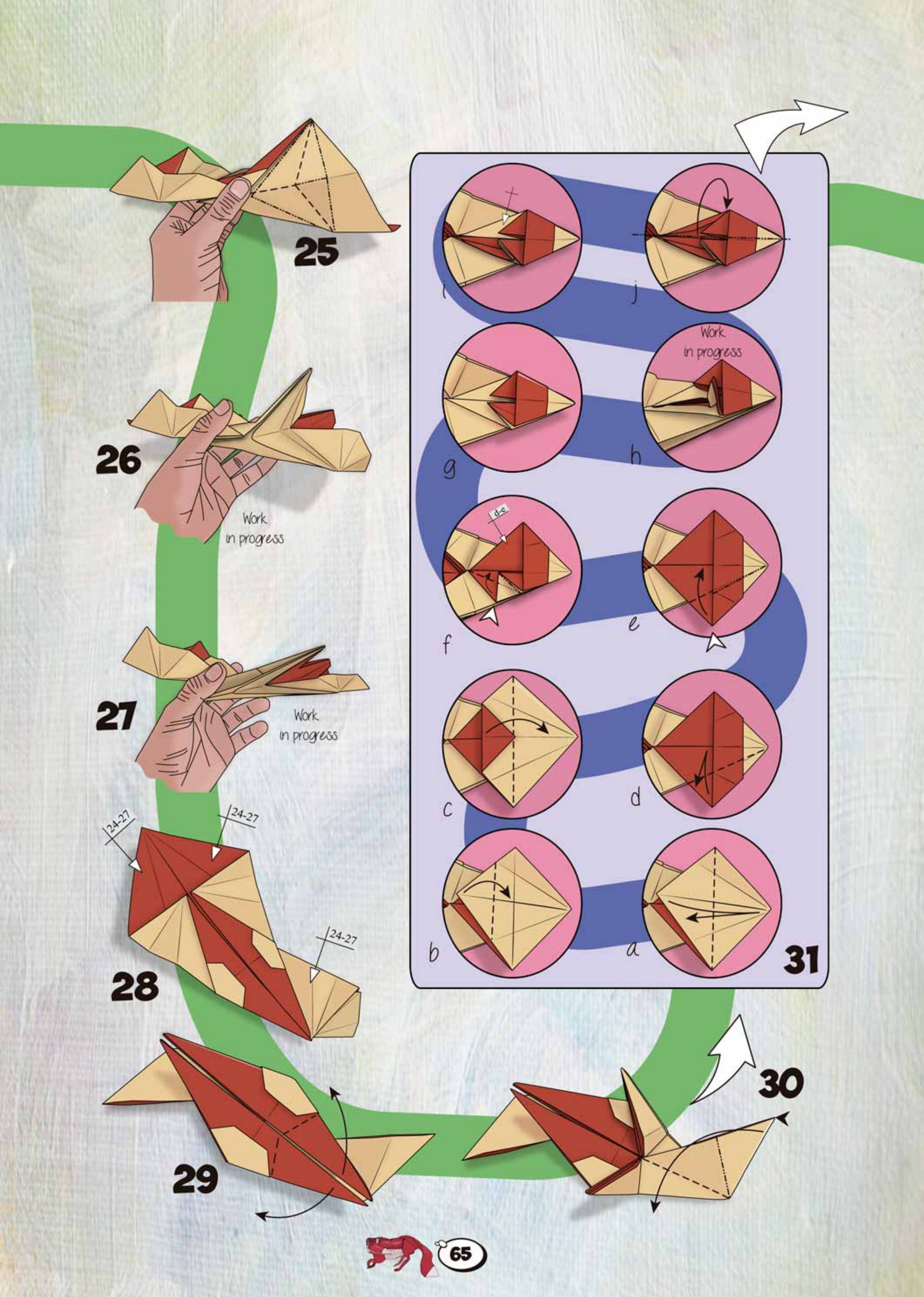
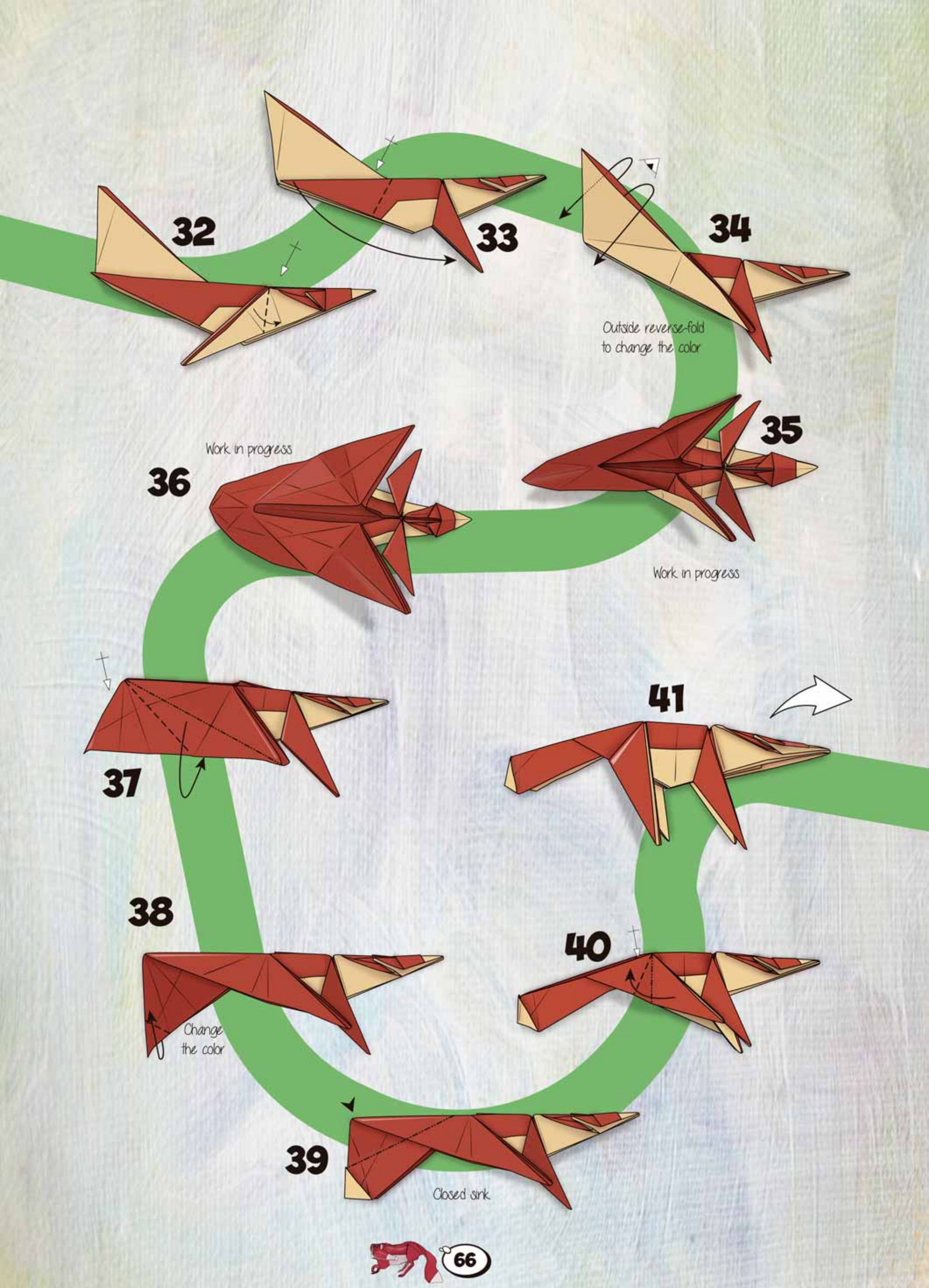

20
21
24
19
22
19-22
19-22
19-22
23
Repeat steps 19 to 22 on the 3 other flaps then unfold.
18
Work in Progress
17
16
Open the front flap
14
11-12
13
15
Work in progress
Collapse
64


25
26
Work
in progress
27
Work
in progress
24-27
24-27
24-27
28
29
30
31
i
j
Work
in progress
g
h
d-e
f
e
c
d
b
a

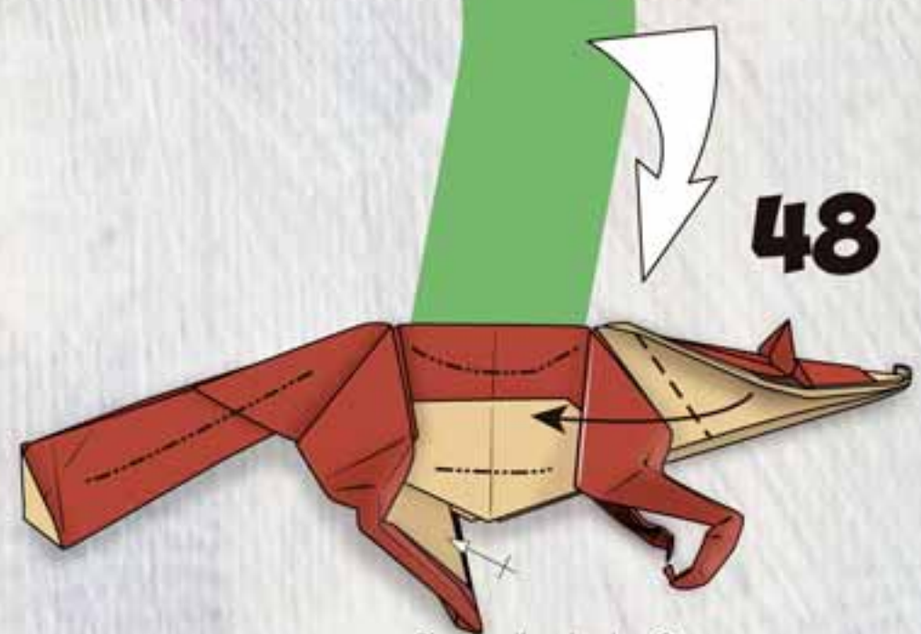

32
33
34
Outside reverse-fold
to change the color
35
Work in progress
36
Work in progress
37
41
38
40
Change
the color
39
Closed sink
66

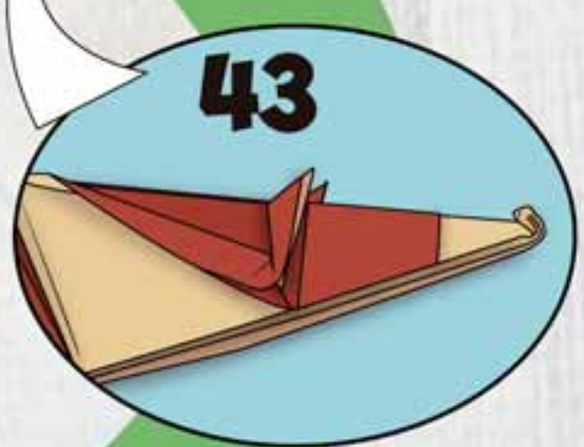
45
Shape one leg like that

46
Shape again

47
Shape the back legs

44
Shape the legs with rabbit-ears


48
Shape the body. Curve the tail and move back the head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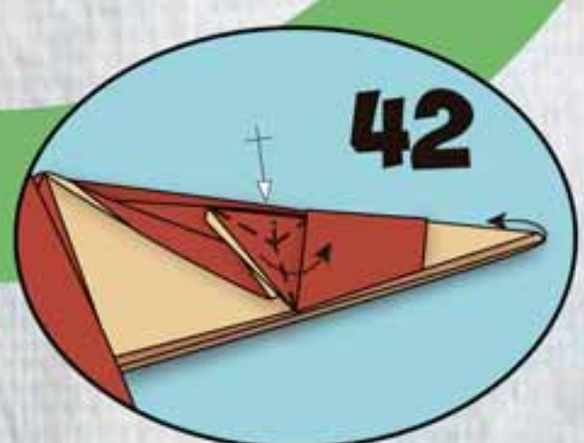
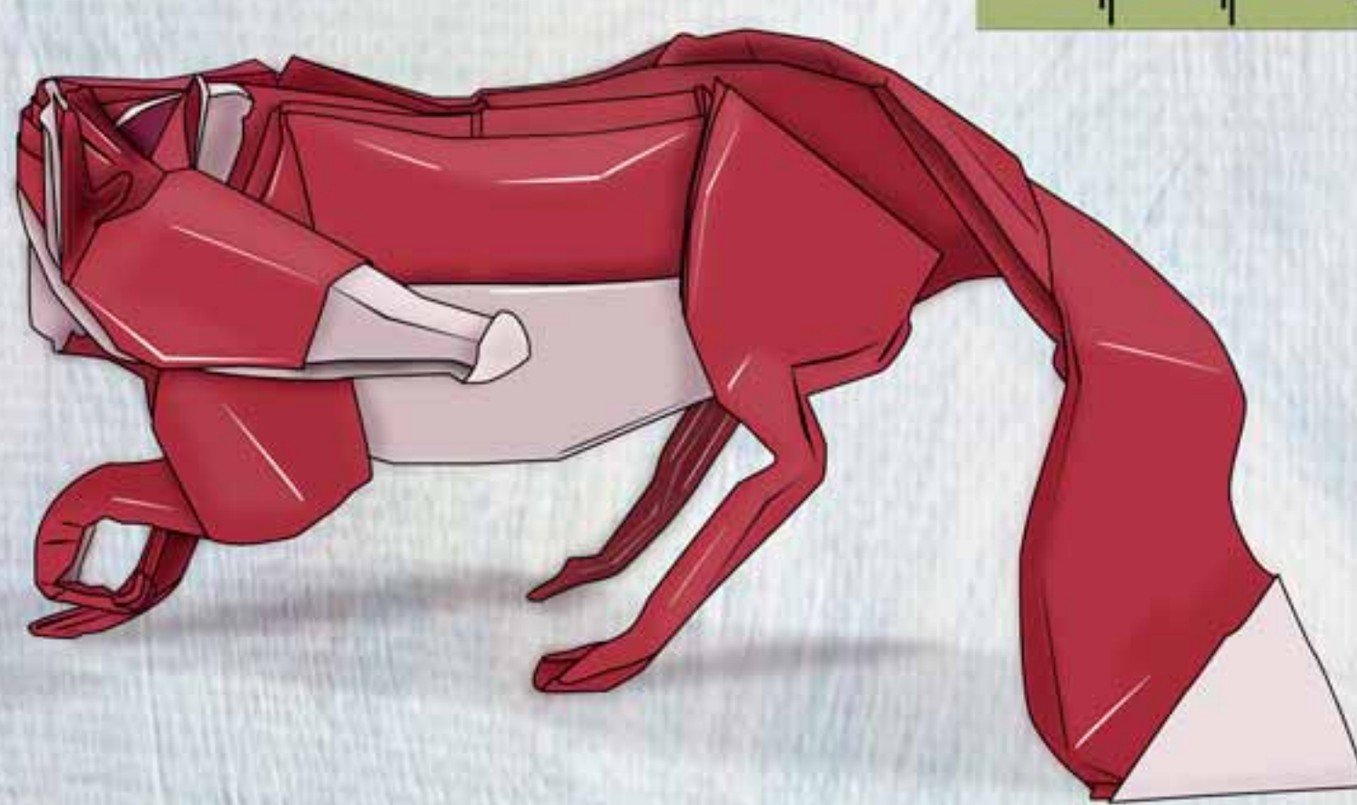
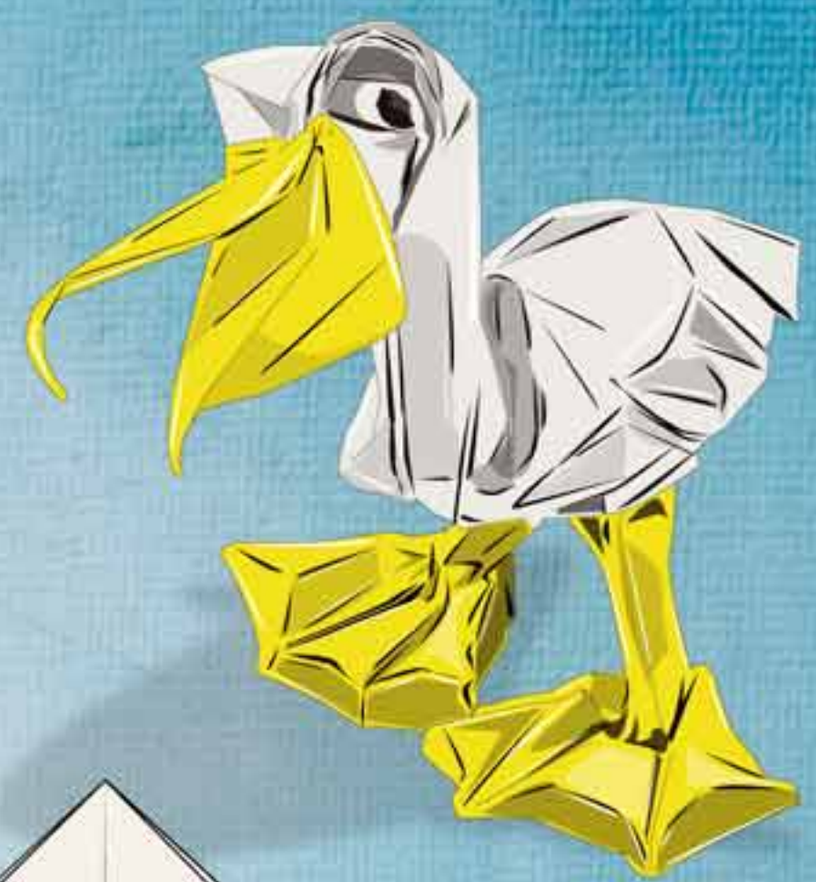

42
Rabbit-ear the ears

Diagramas Halle 2013
PAJARITA
Designer
José Herrera Bello



Pelican 1.1

by Gachepapier



1

Wet folding:
40x40cm

Foil: 20x20cm

Fold the
bird base
(see page 19)

2

3

4

Open
sink.

5

Work
in progress.

6

Open
sinks.

7

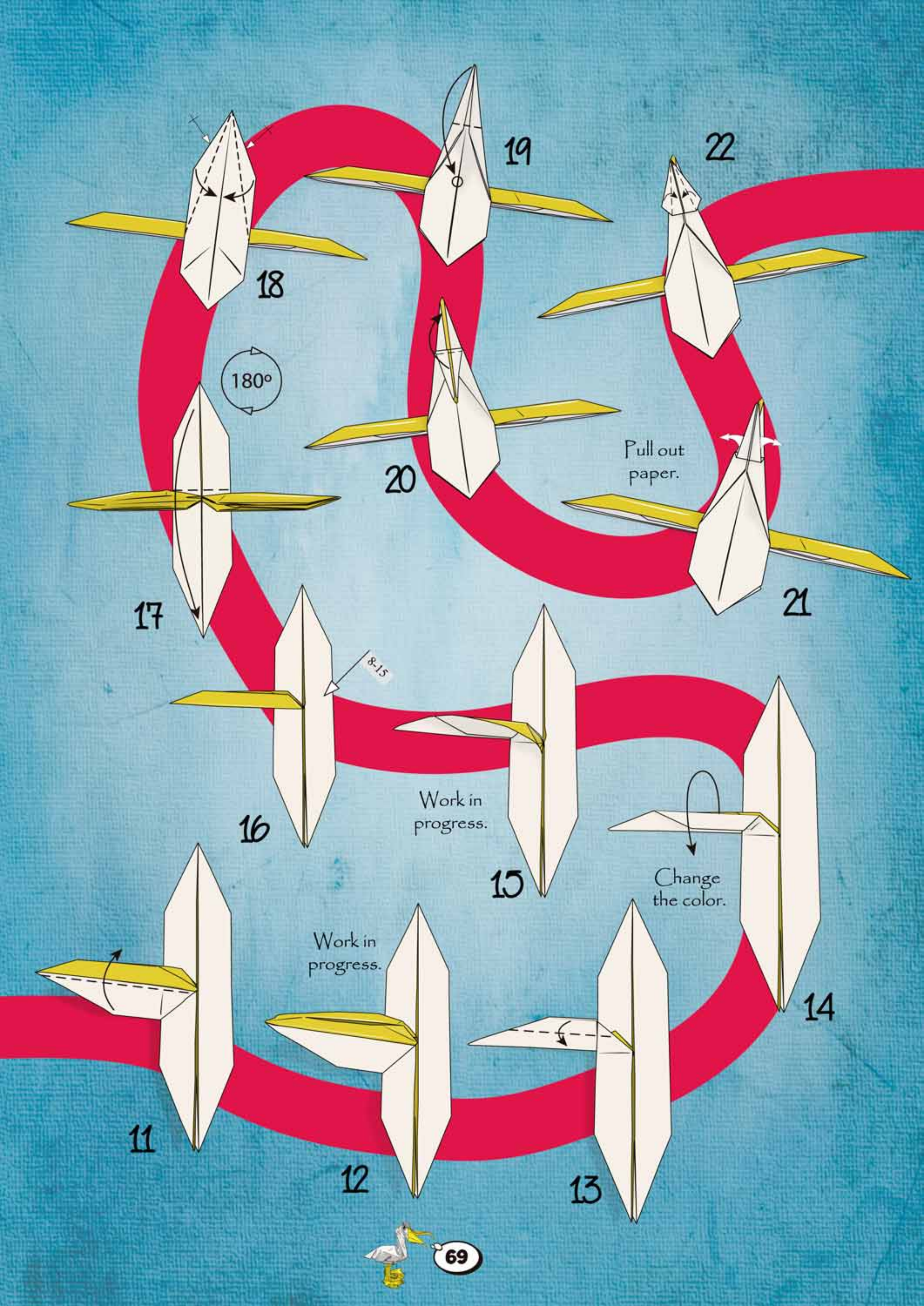
Squash
-fold

8

9

Change
the color.

10


18
19
22
180°
20
Pull out
paper.
17
21
8-15
Work in
progress.
16
15
Change
the color.
Work in
progress.
14
11
12
13

23

19-22

24

First, mark the mountain- and valley-folds through all layers.

25

Pinch the neck by collapsing the model.

26

Work in progress.

27

28

29

Shape the neck in 3D and open the beak.

30

Extend the bottom half of the beak by releasing paper from below the throat ...

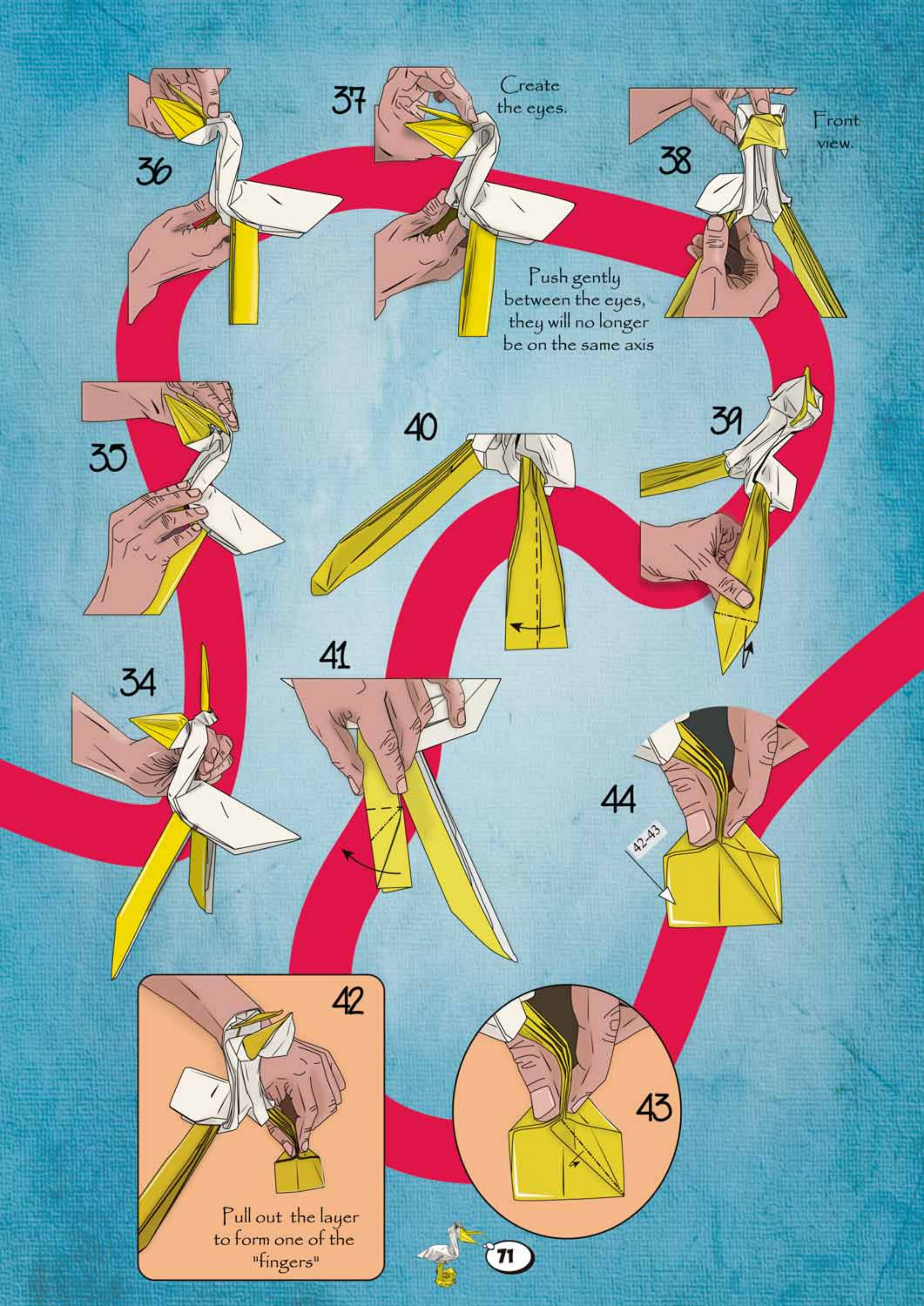
31

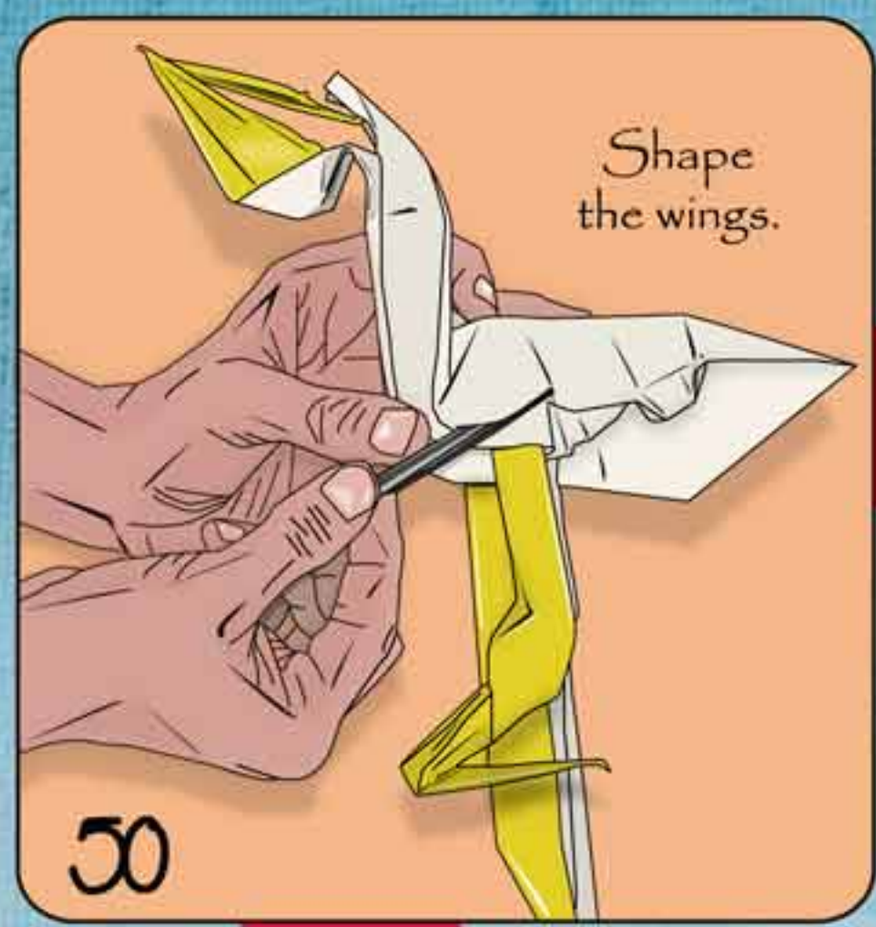
... and sculpt a rounded shape.

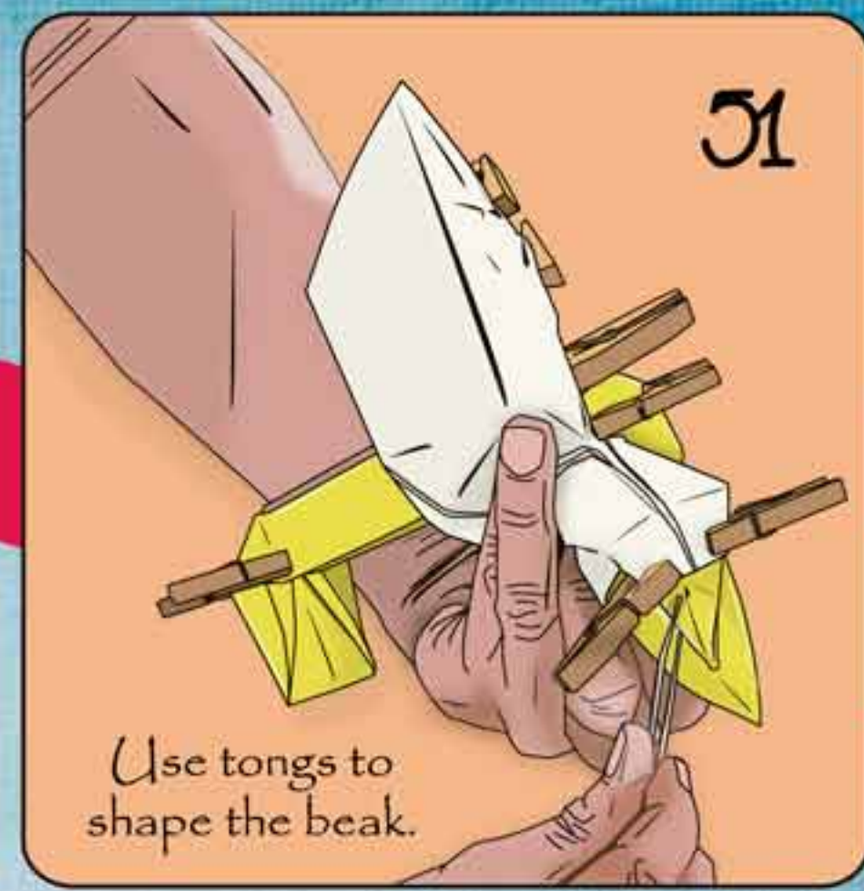
32

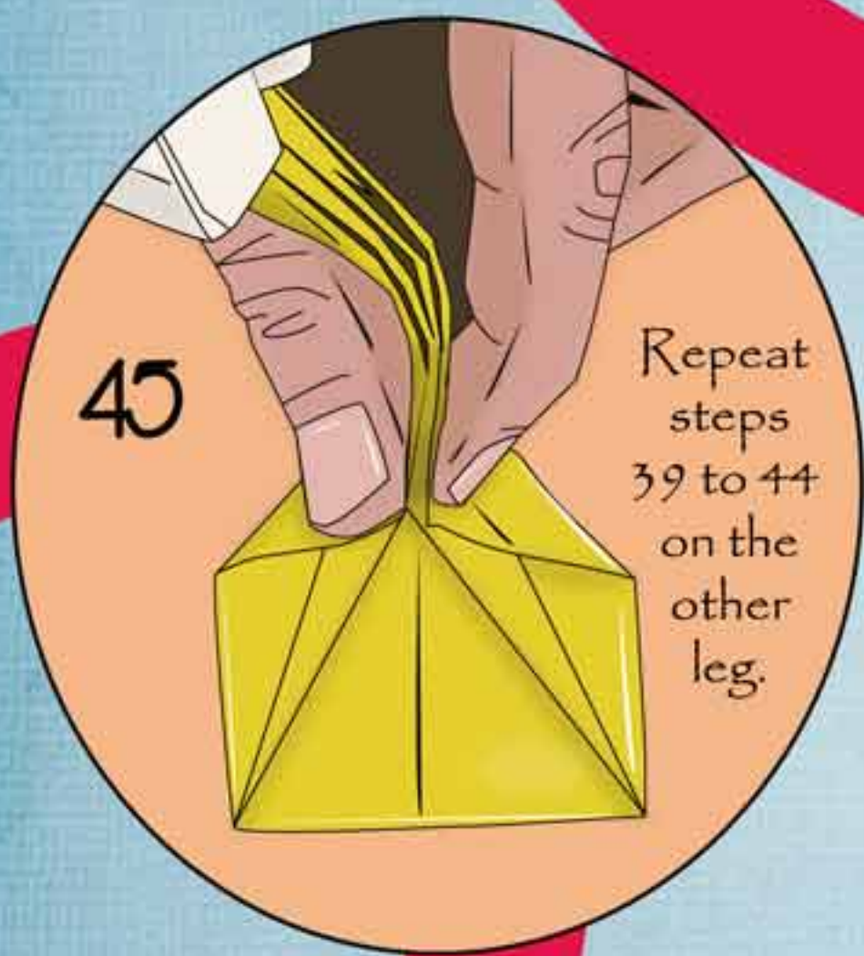
33

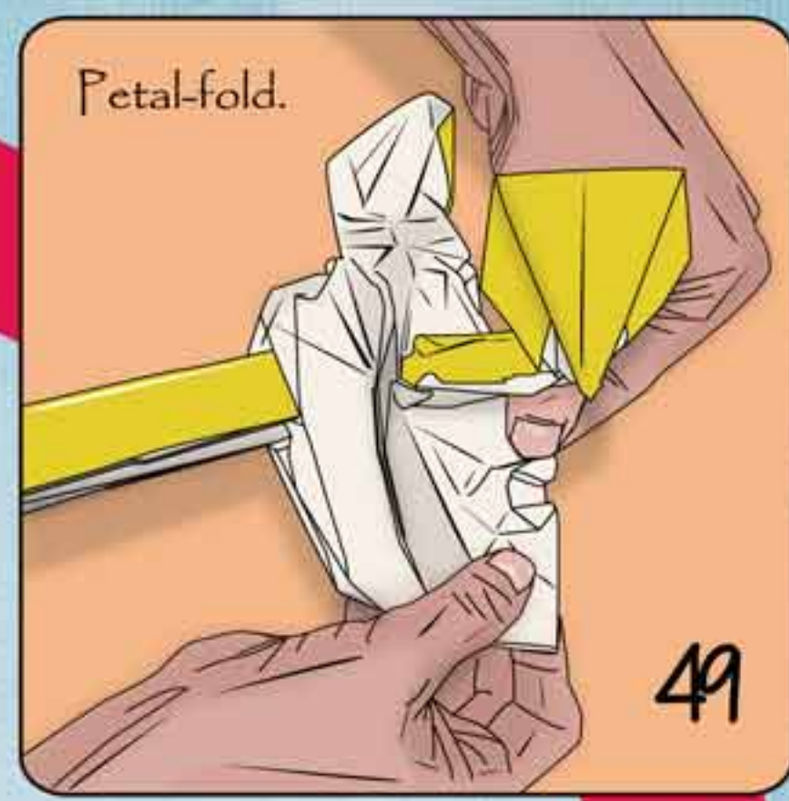
In next steps, see how shaping the brow also forms the eyes.

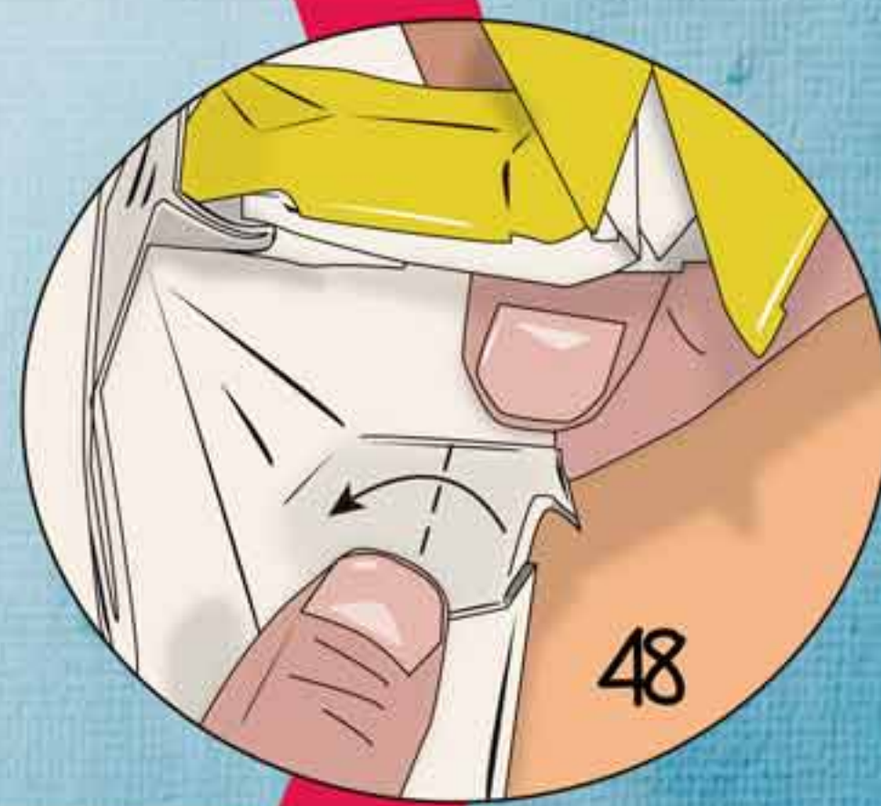

36
37
Create the eyes.
38
Front view.
Push gently between the eyes, they will no longer be on the same axis
35
40
39
41
34
44
42-43
42
Pull out the layer to form one of the "fingers"
43
71


Shape the wings.
50

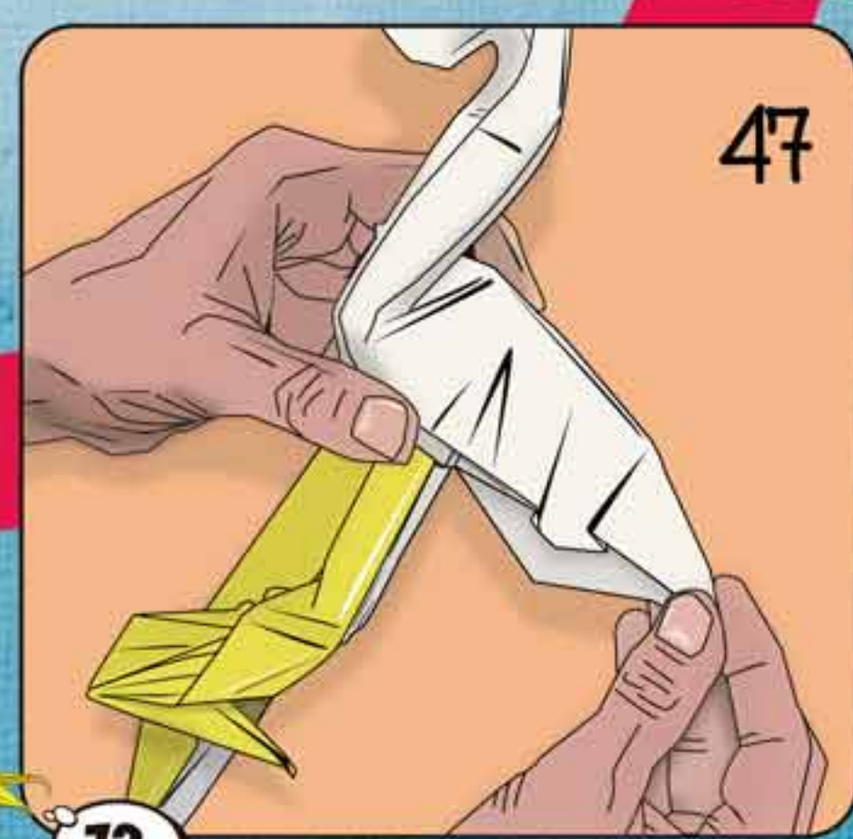

51
Use tongs to shape the beak.


45
Repeat steps 39 to 44 on the other leg.


Petal-fold.
49


48

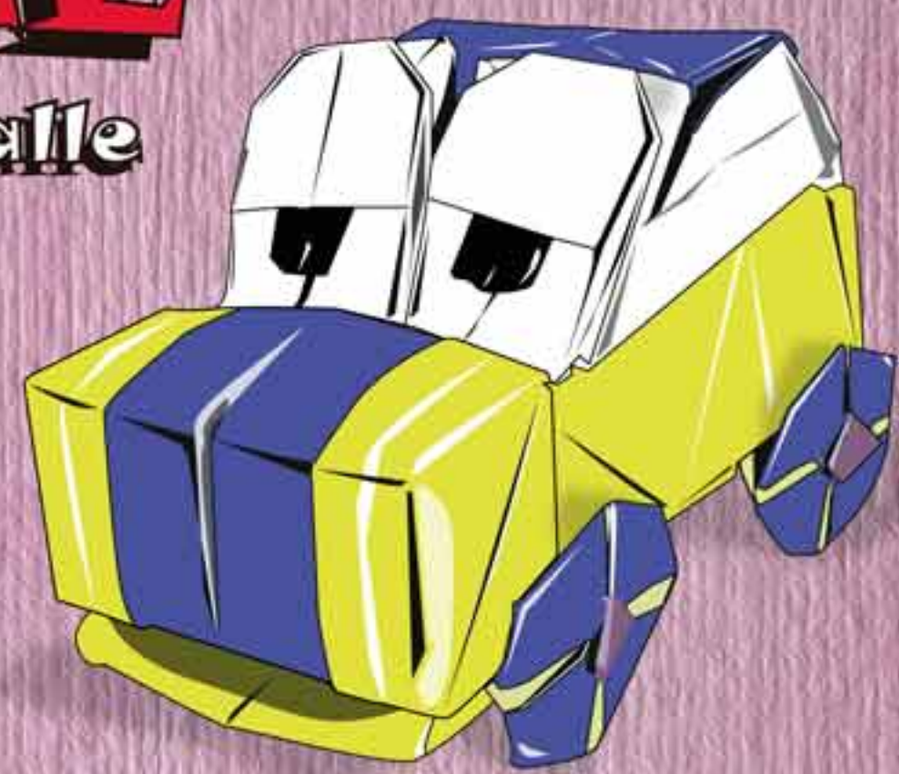
Using tweezers, pleat-fold wings.
46


47

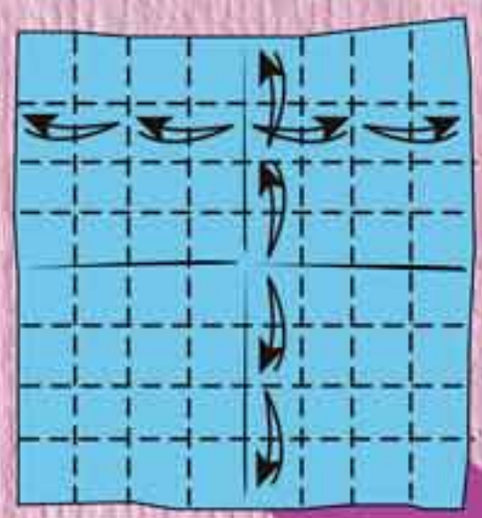
Using tongs to shape the neck.
52
Shape the eyes.
53
Finally, wrap a ribbon around the neck to fix it while it dries in the shape you like.
54
Top view
Side view
Front view
Designer: Gachepapier
Symbols: Pere Olivella
Diagrams: Halle 2011

BEETLE

by Halle



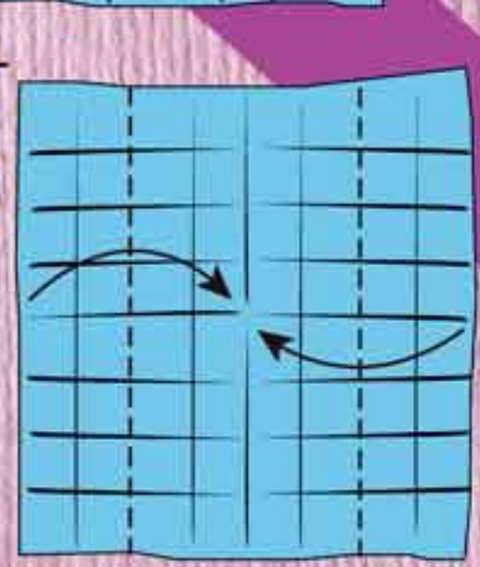
FRONT



1

21 X 21 cm

Sandwich paper



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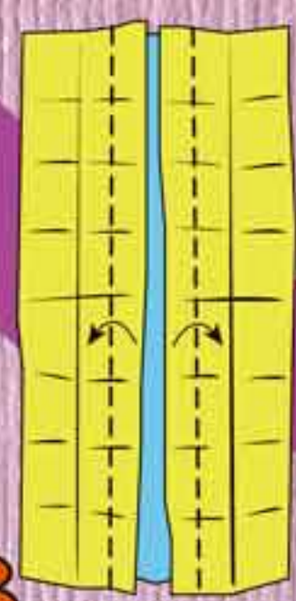

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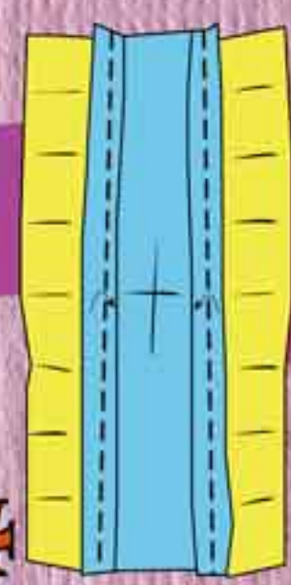
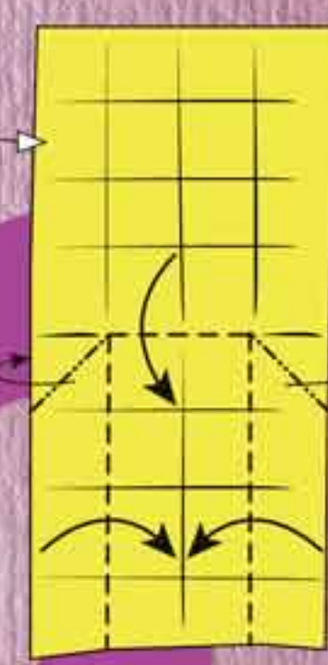


4

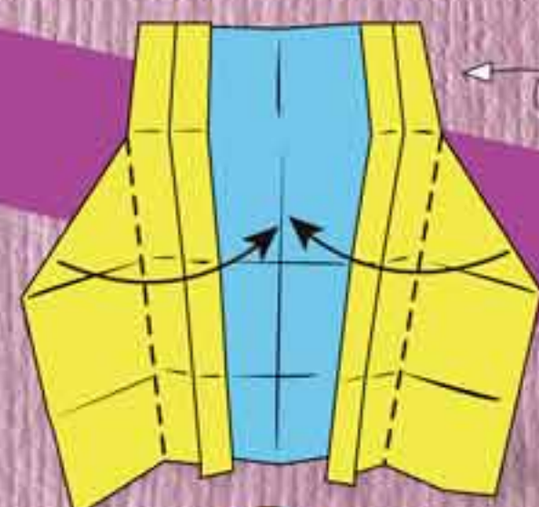
5



6

Work in progress

7



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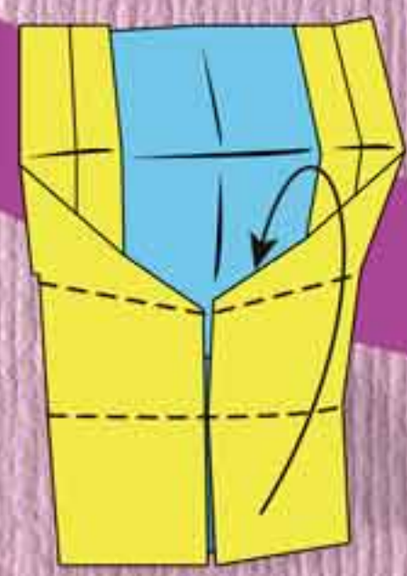

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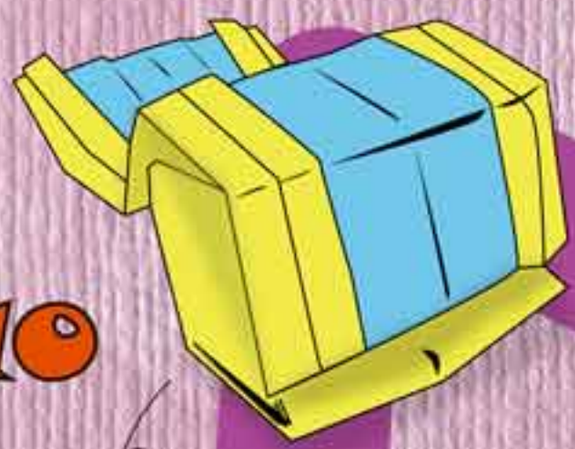

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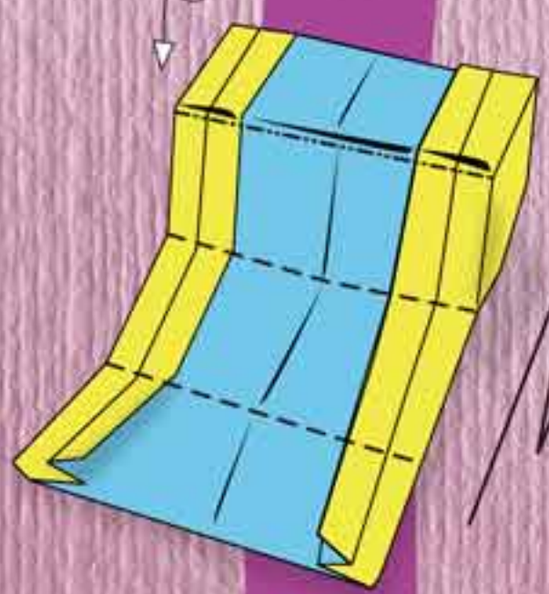
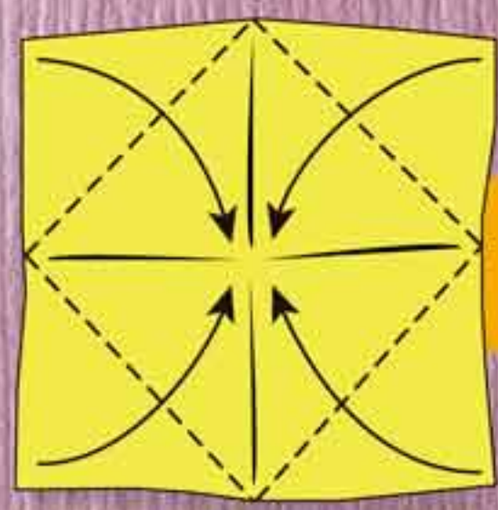


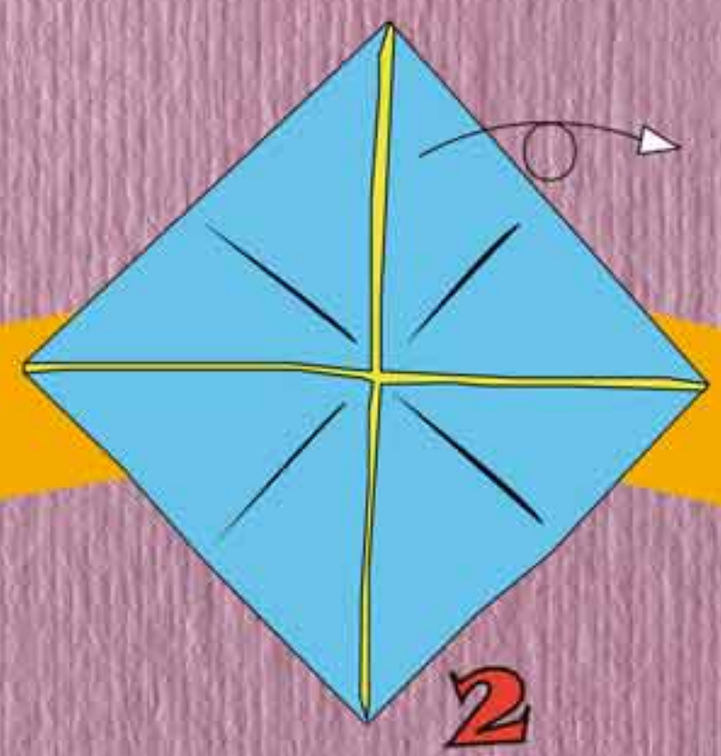
Insert the flap into the box

11

12

WHEEL

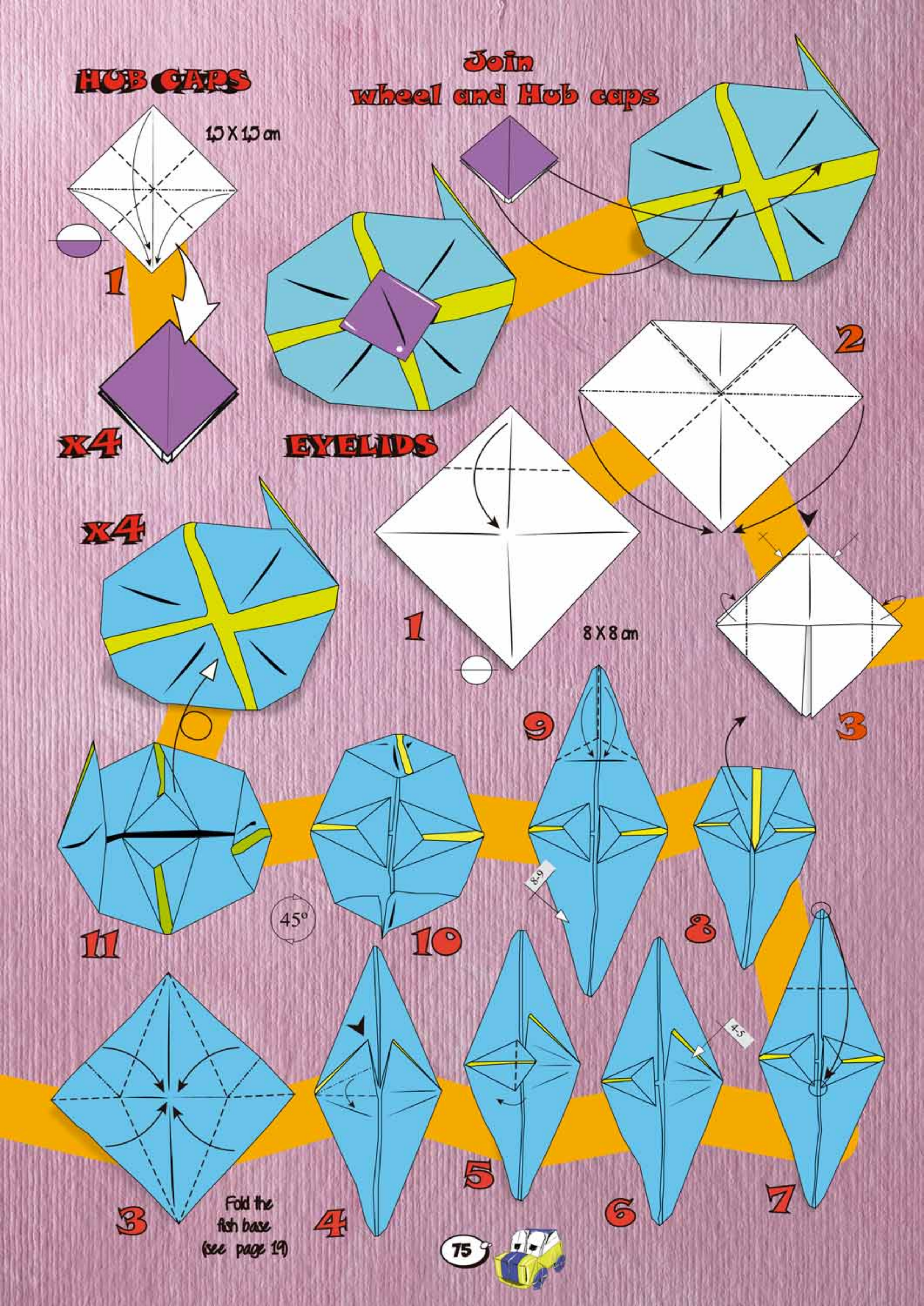




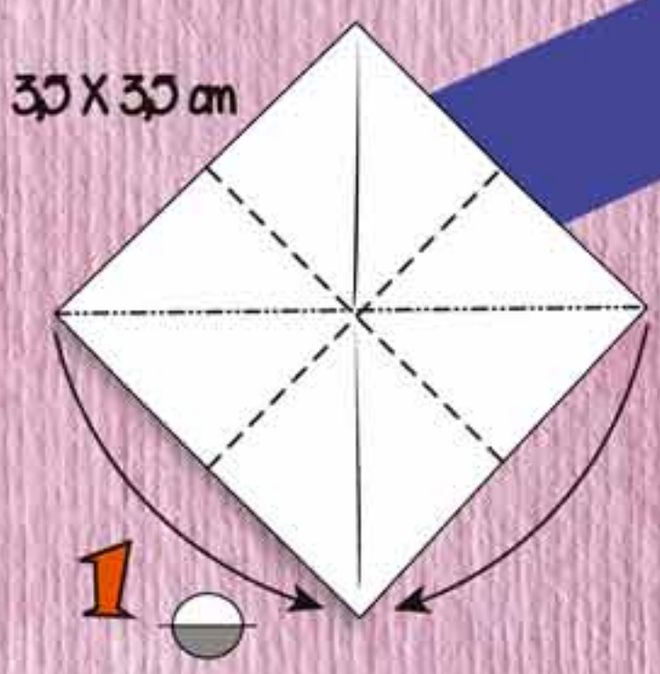
8 X 8 cm

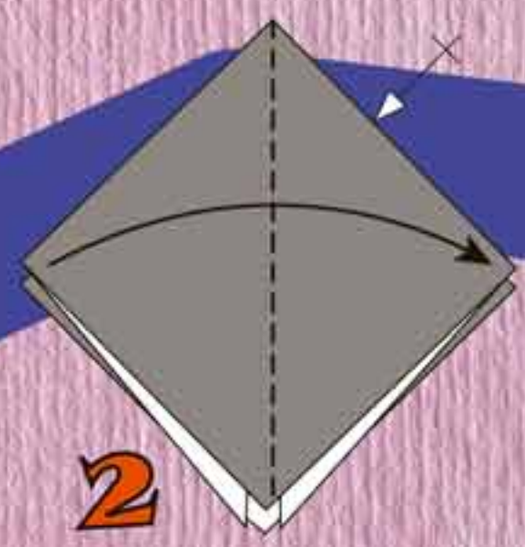
1

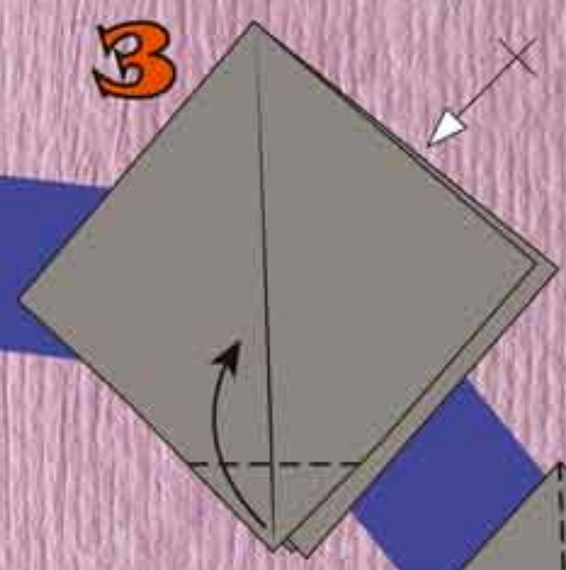
2

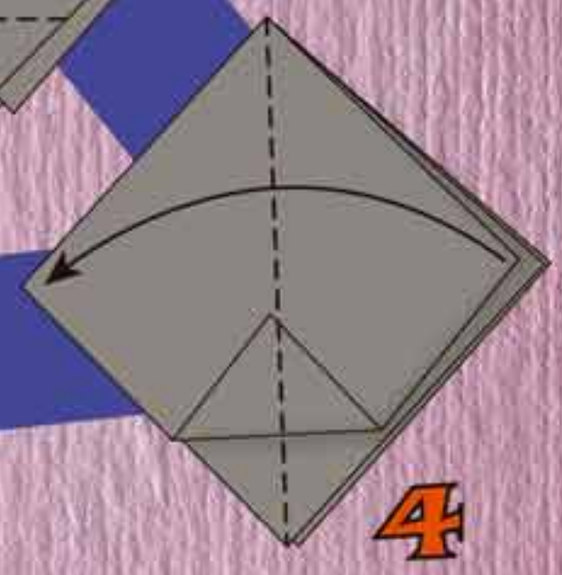

HUB CAPS
1,5 X 1,5 cm
1
x4
Join
wheel and Hub caps
EYELIDS
2
x4
1
8 X 8 cm
3
9
8-9
8
11
45°
10
3
Fold the
fish base
(see page 19)
4
5
4-5
6
7

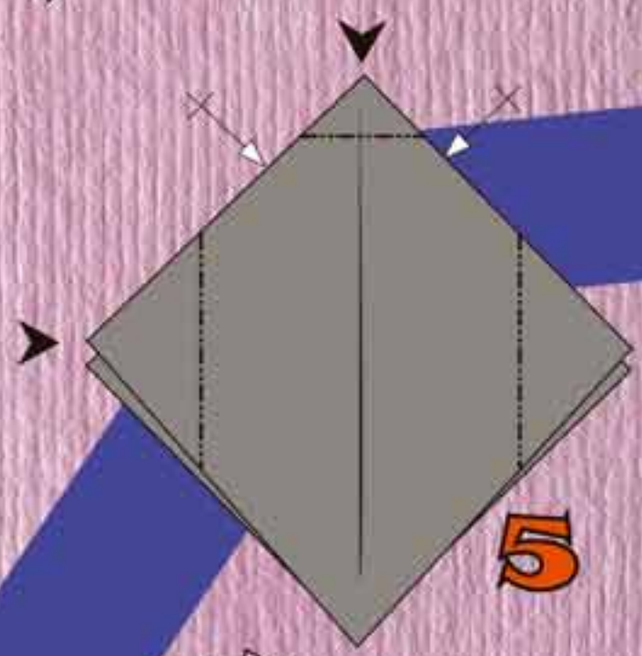
EYES



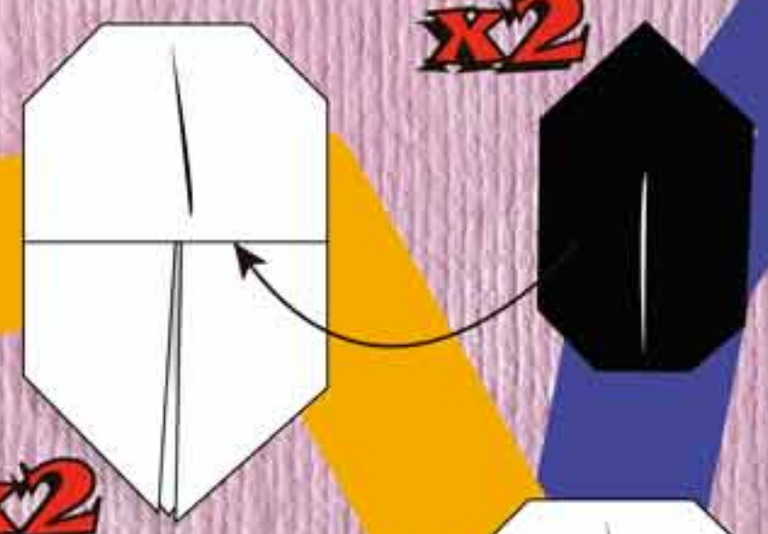


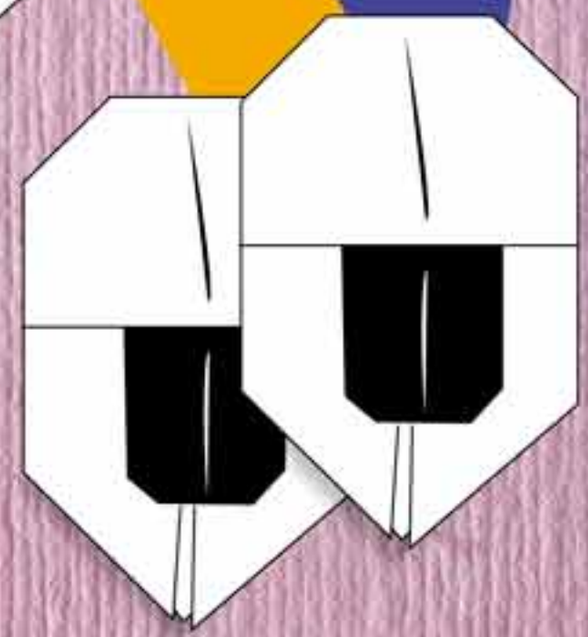


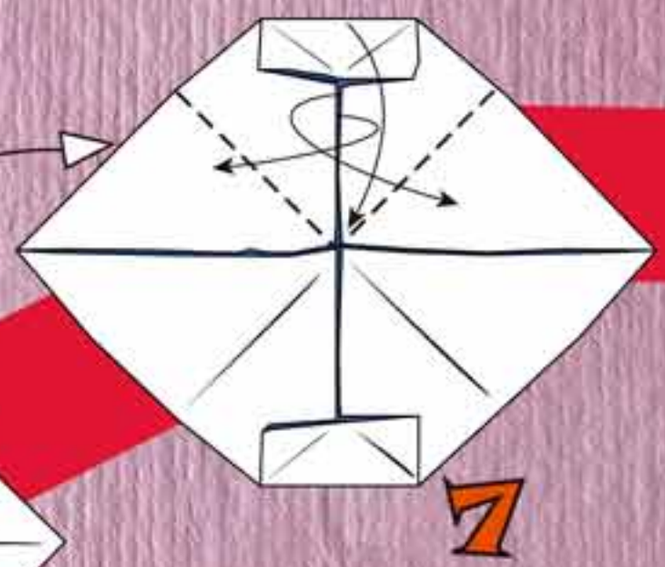




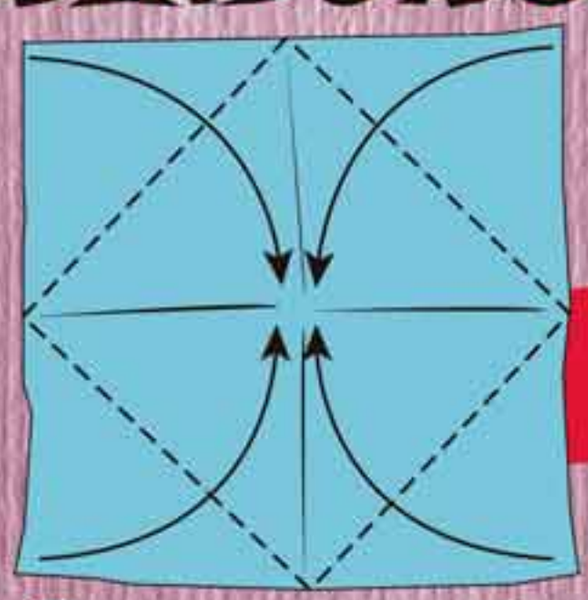
LINK EYELIDS and EYES

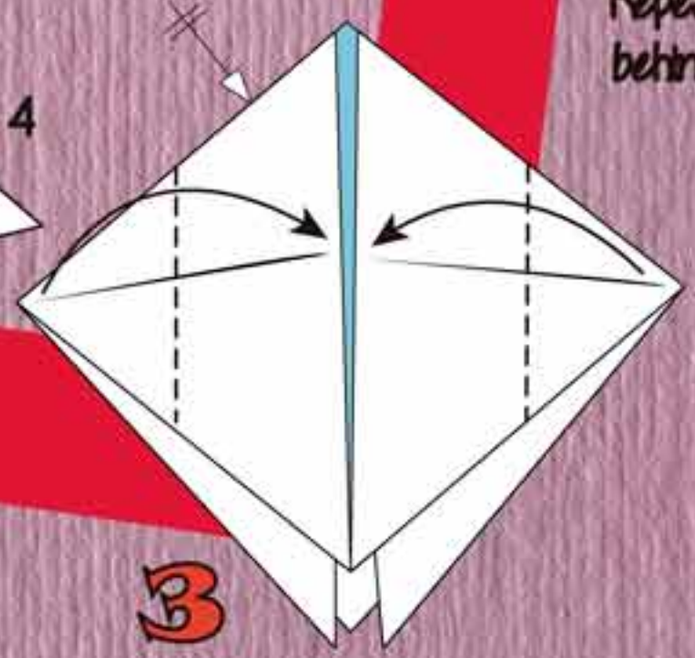


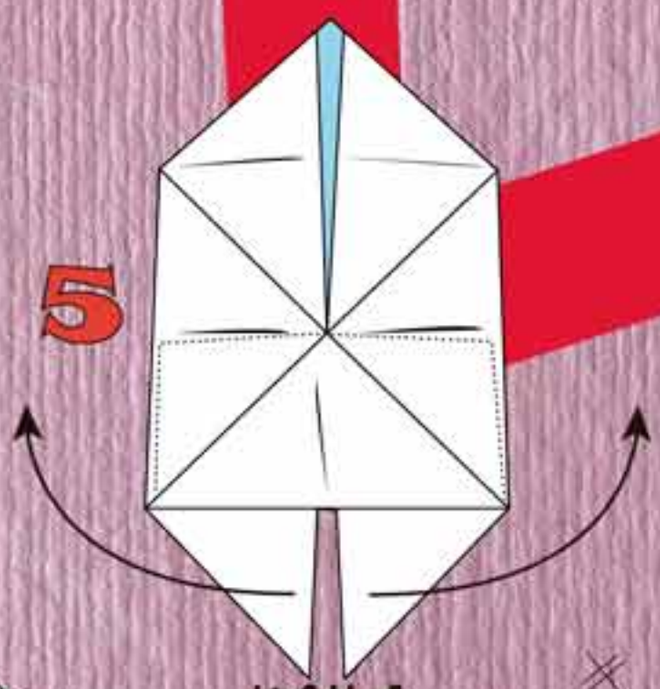


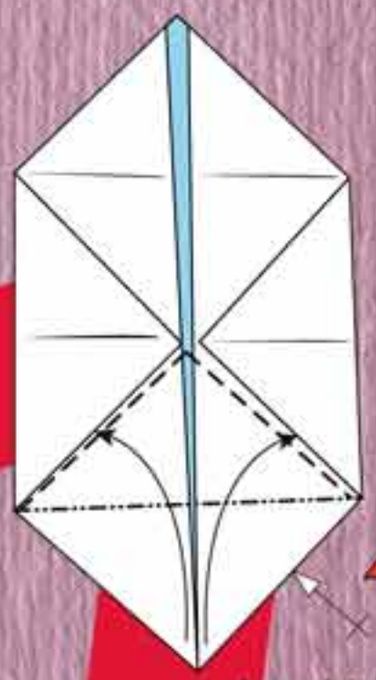


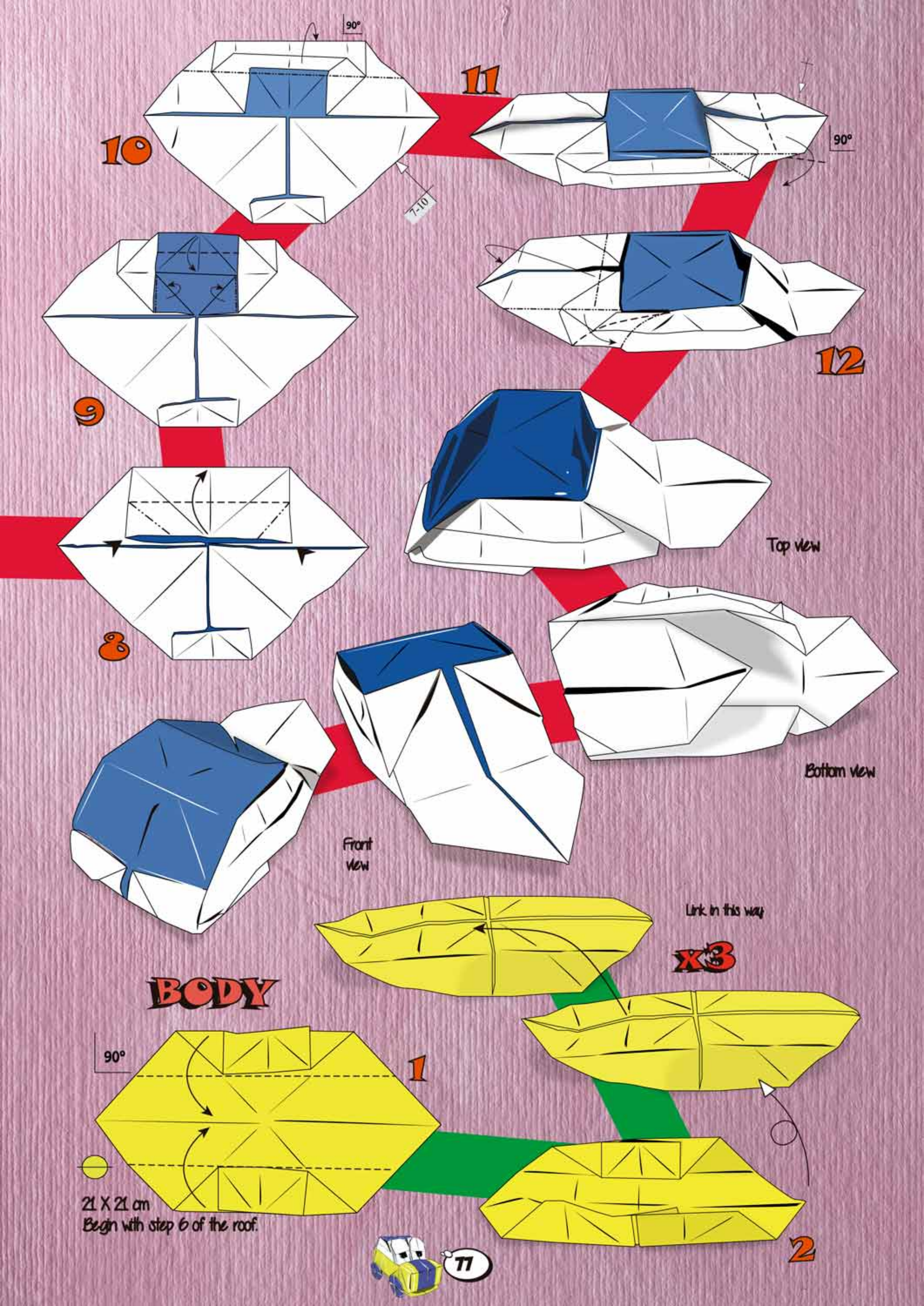
ROOF AND WINDOWS

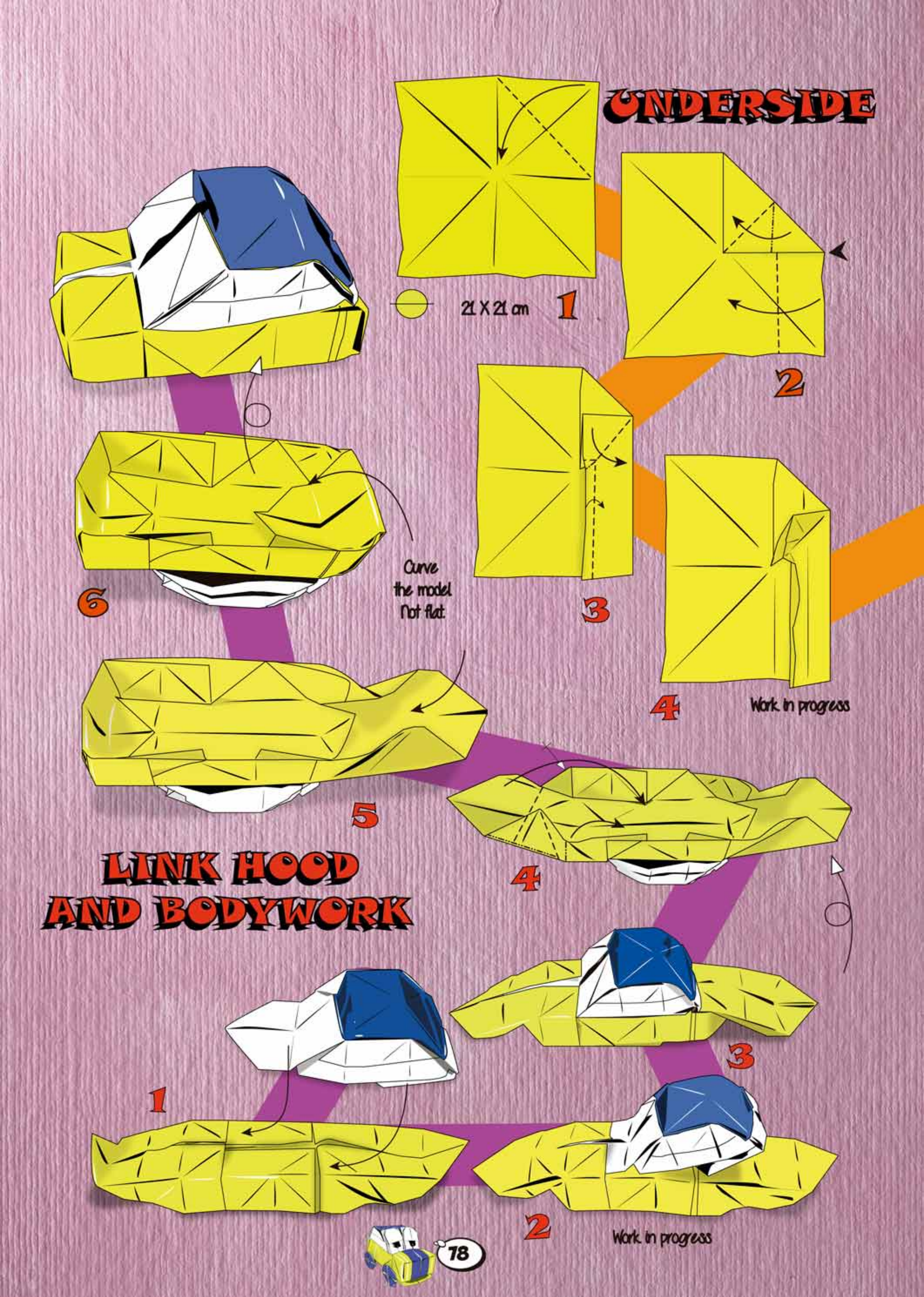


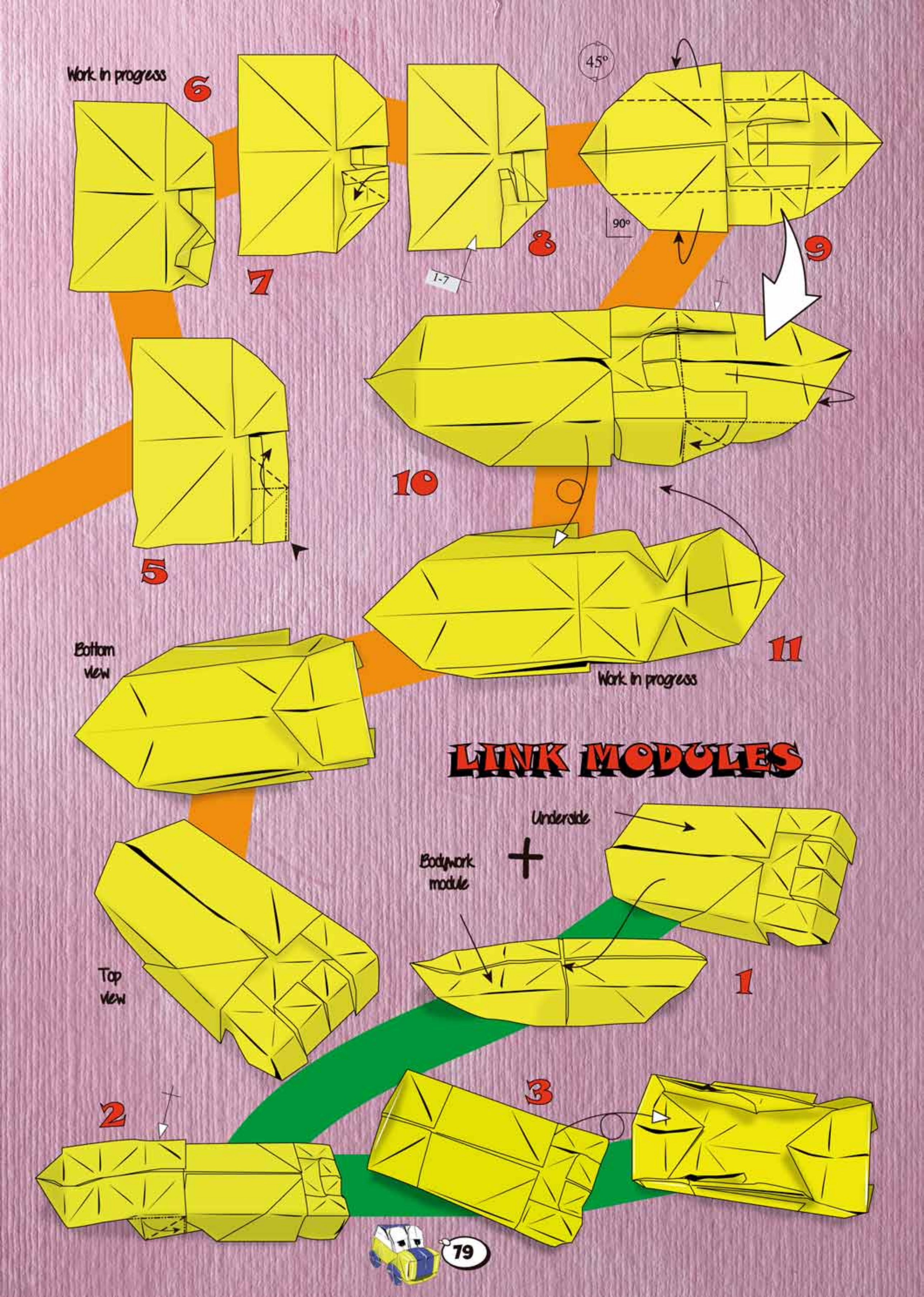




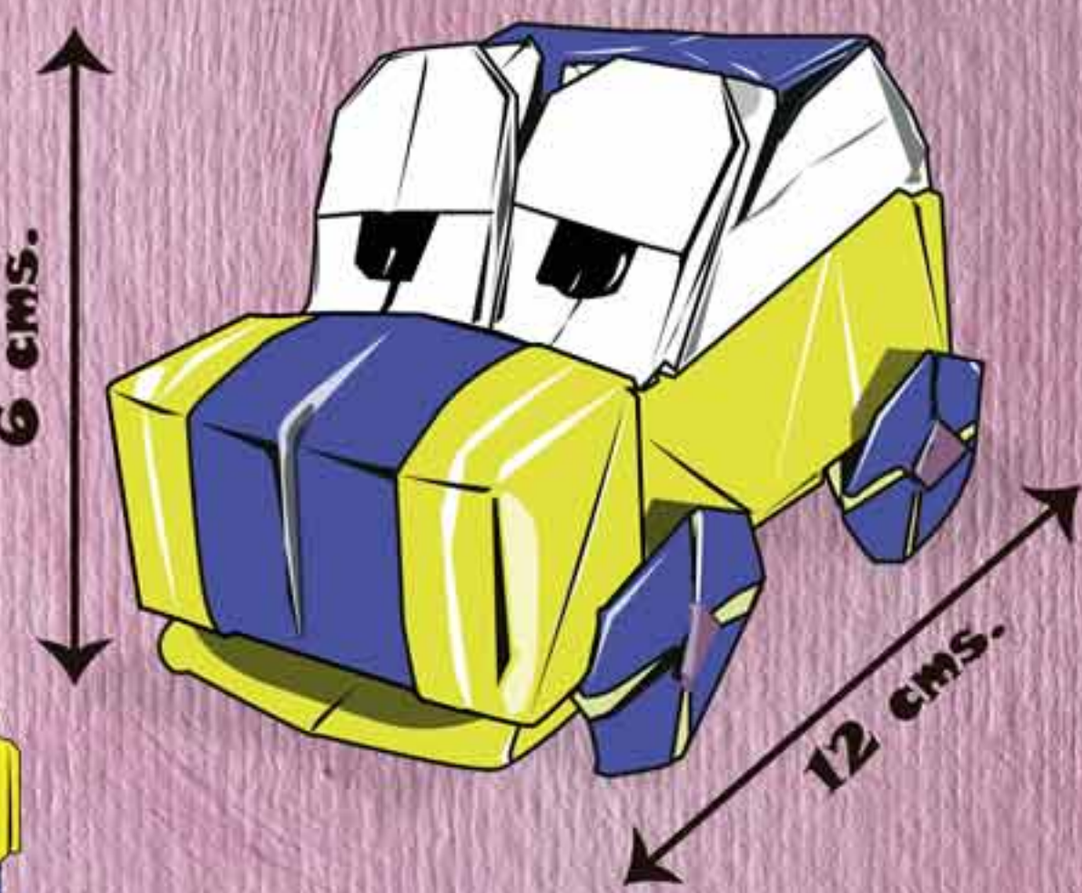



90°
10
7-10
11
90°
9
12
8
Top view
Front view
Bottom view
Link in this way
x3
BODY
90°
1
21 X 21 cm
Begin with step 6 of the roof.
2
77


UNDERSIDE
21 X 21 cm
1
2
3
4
Work in progress
Curve the model Not flat.
5
6
LINK HOOD AND BODYWORK
1
2
3
Work in progress

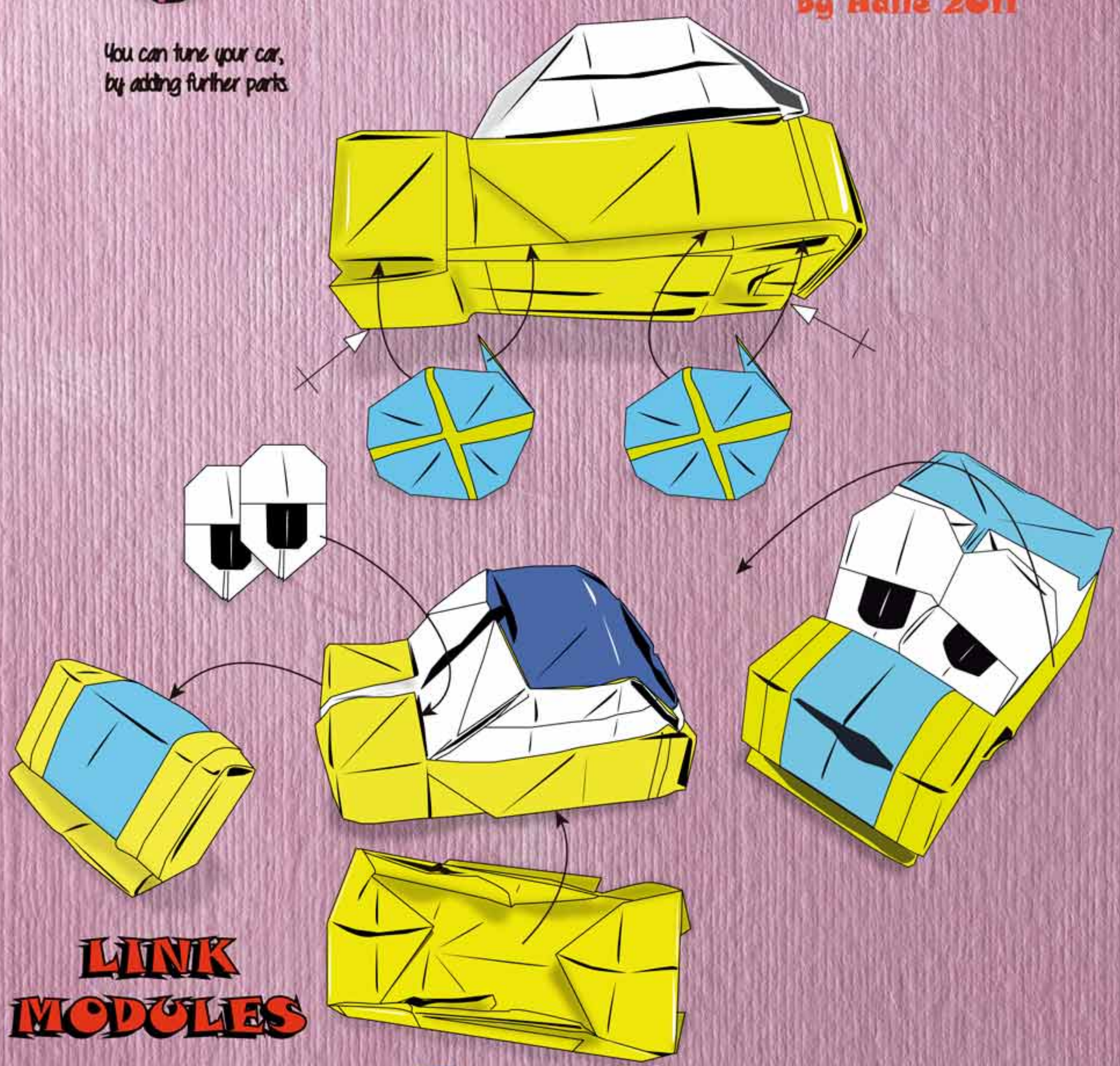

Work in progress
6
7
8
45°
90°
9
1-7
10
5
11
Bottom view
Work in progress
LINK MODULES
Underside
Bodywork module
Top view
1
2
3
79

MARTIN-A AND BEETLE HALLE



Created by Halle 2011

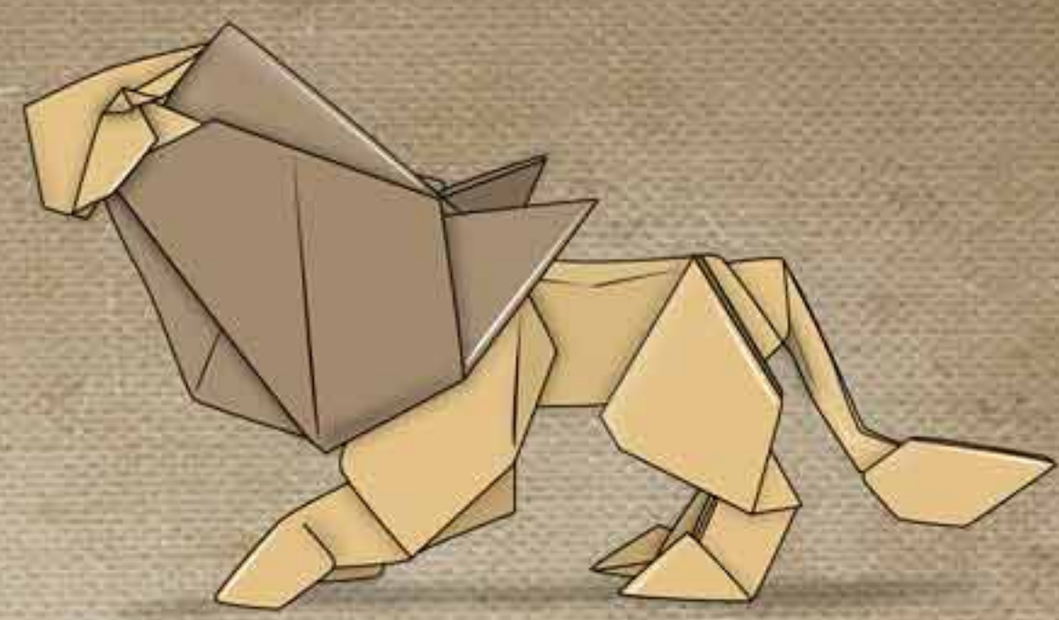
You can tune your car, by adding further parts.



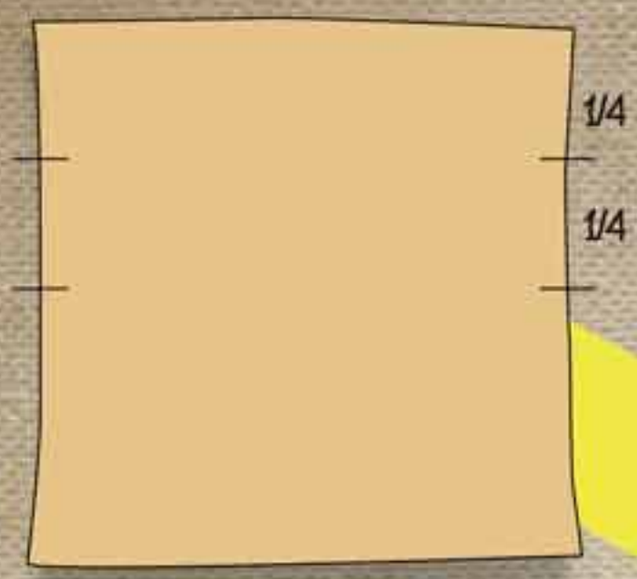
LINK MODULES

LION

by Tom Defoirdt



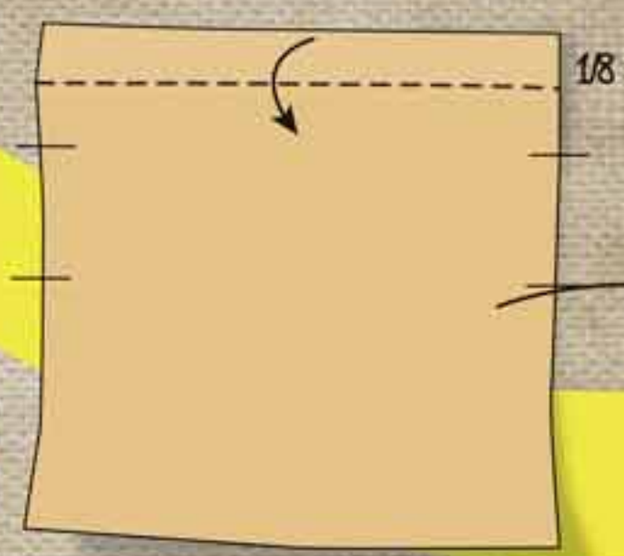
1



50 X 50 CM

Lokta, Unryu or Kraft paper and wet folding for final shaping

2



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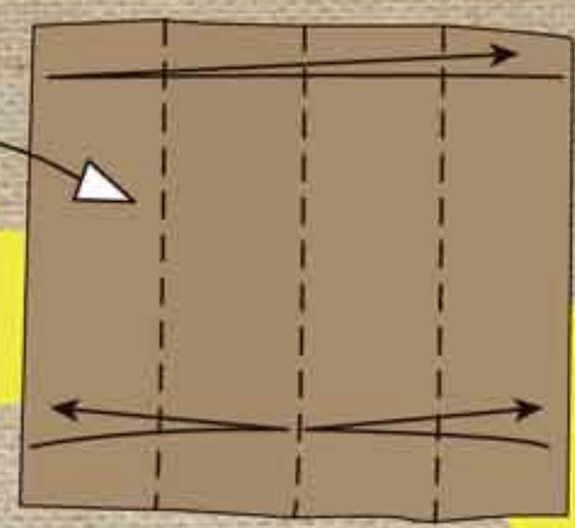

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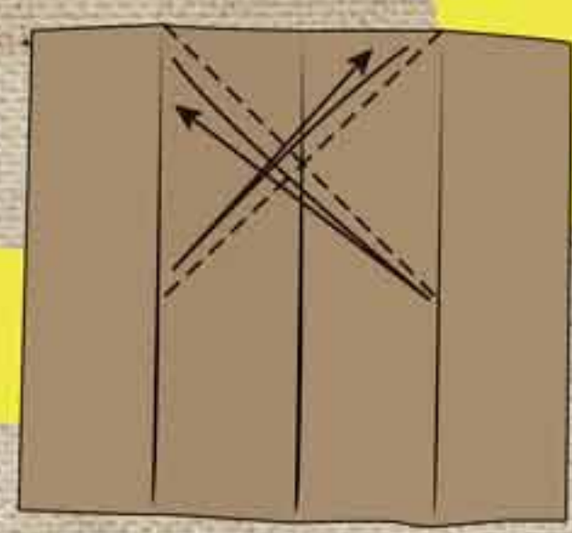

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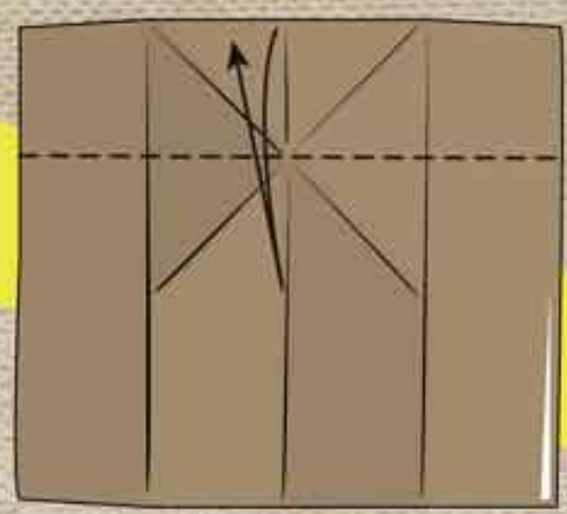

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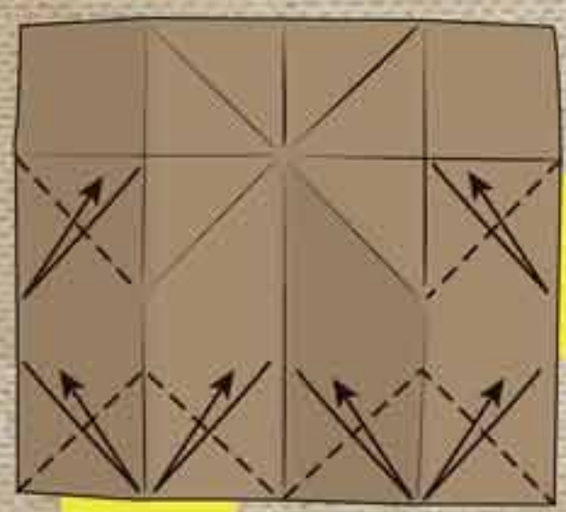
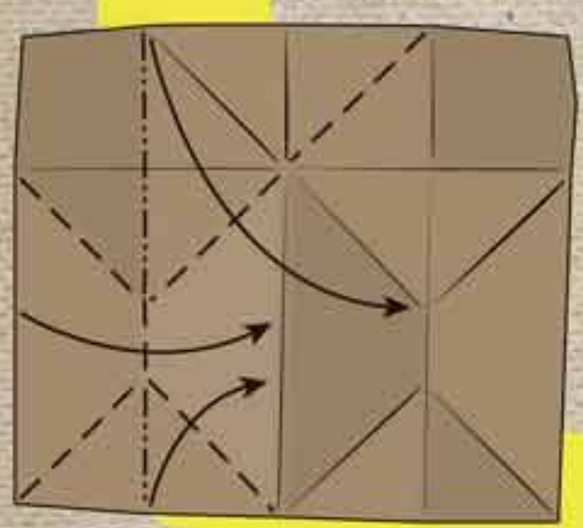


Fold and unfold

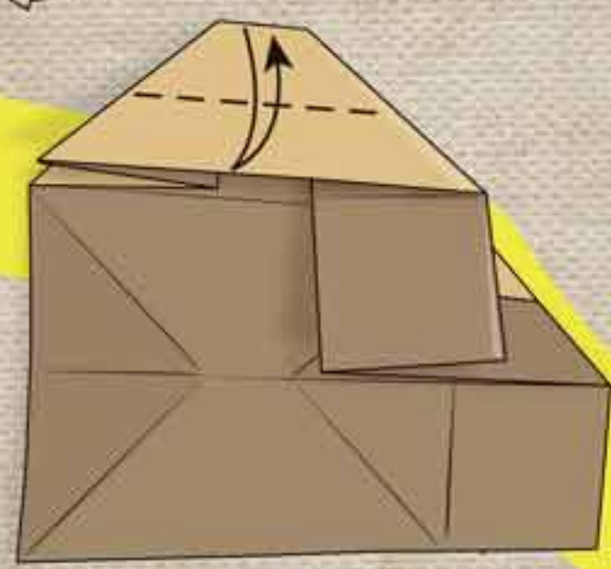
7



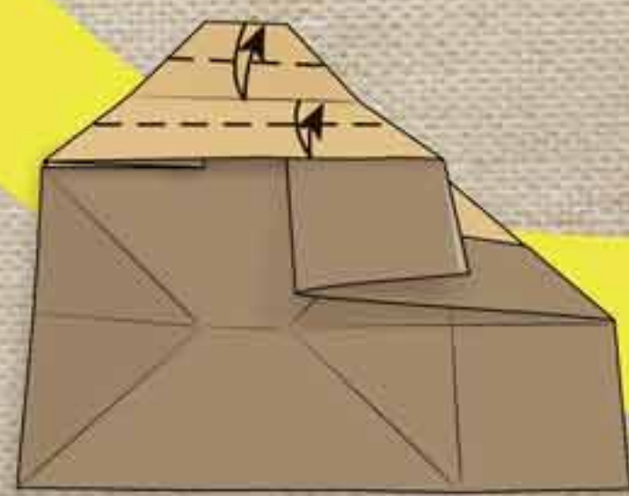
Fold as indicated

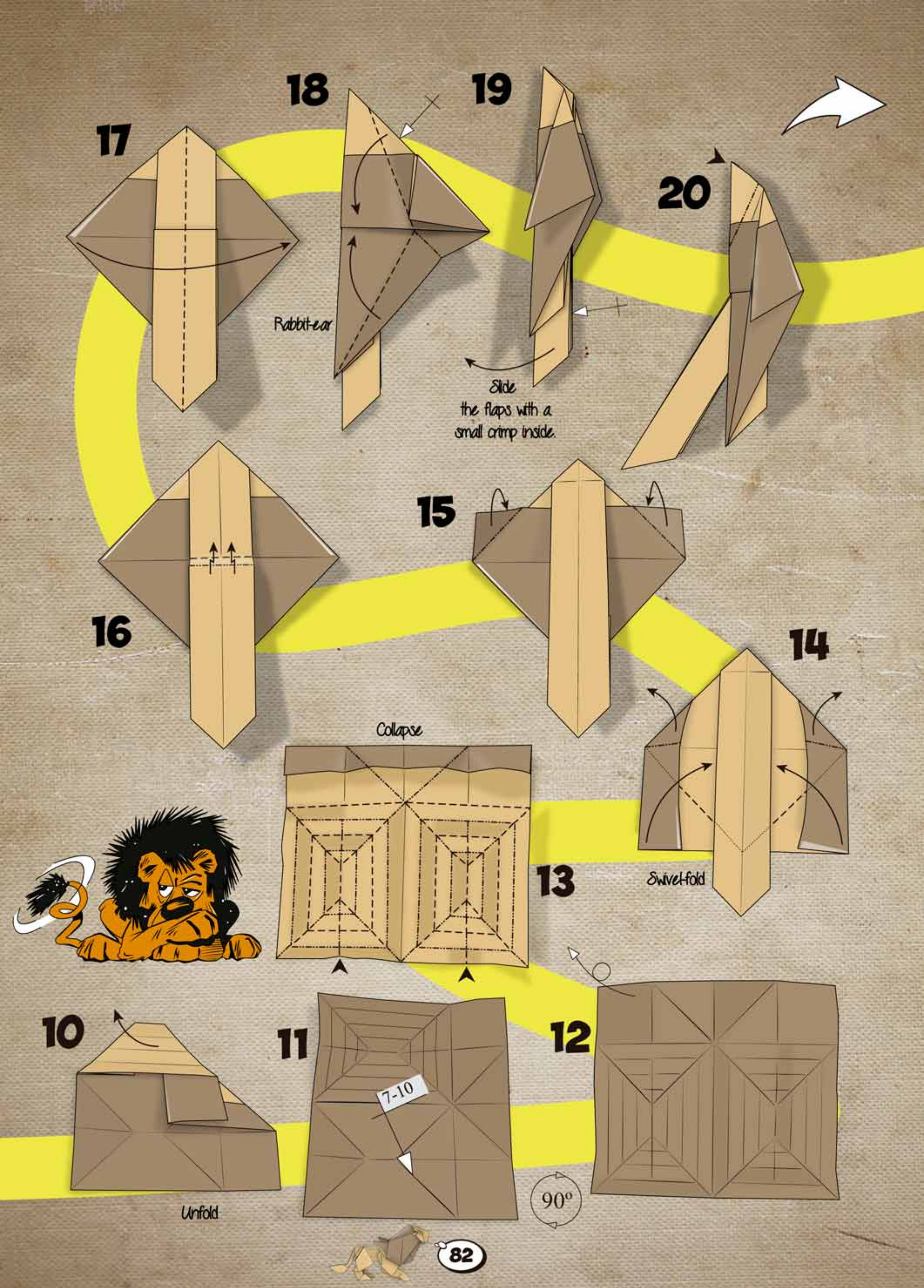
90°

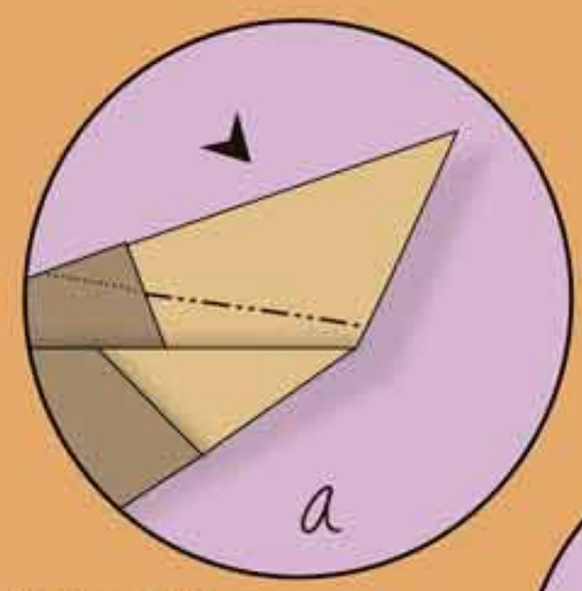
8



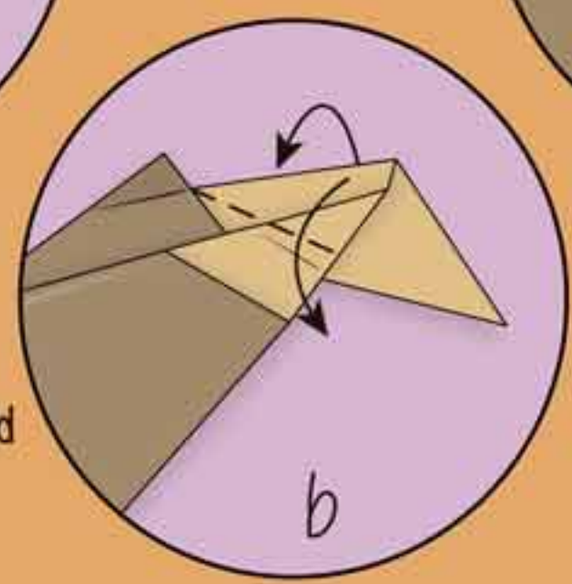
9




17
18
Rabbit-ear
19
Slide
the flaps with a
small crimp inside.
20
16
15
14
Collapse
13
Swivel-fold
10
Unfold
11
7-10
12
90º
82

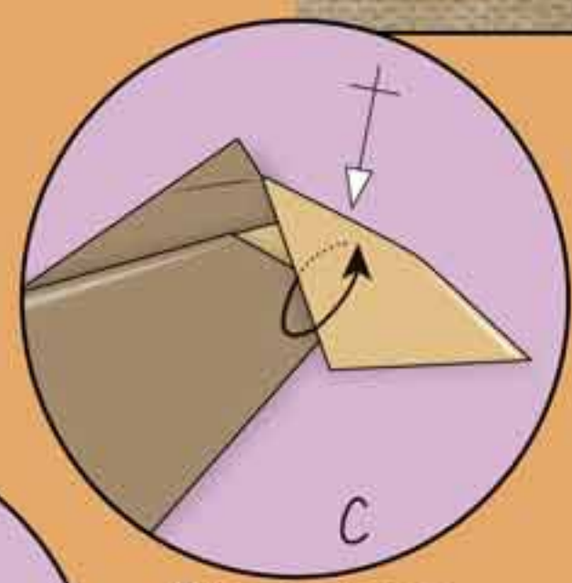


Reverse-fold

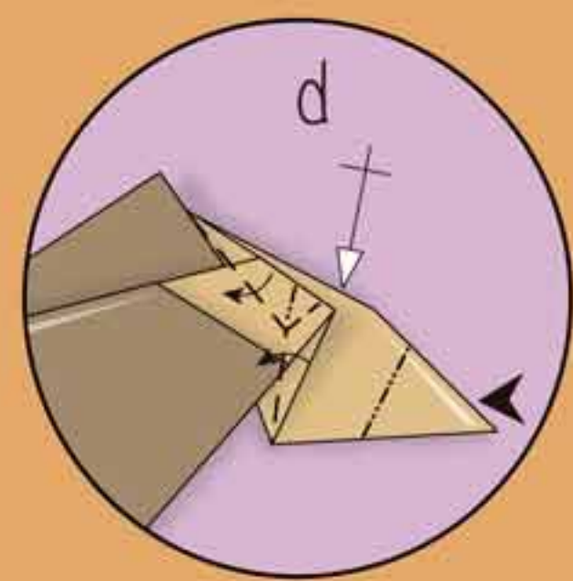


Outside reverse-fold

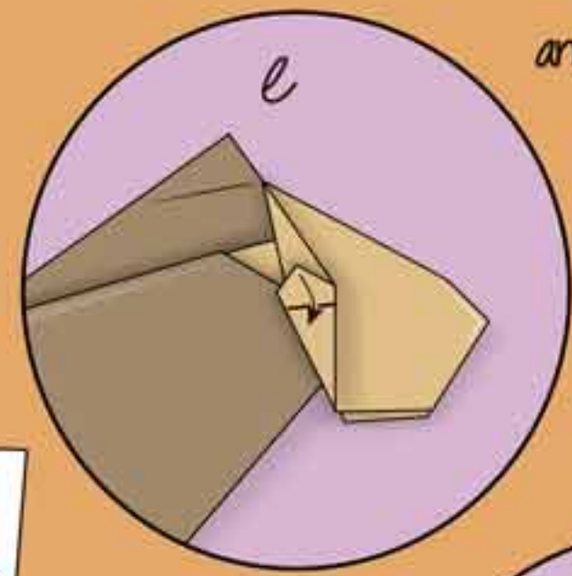
21

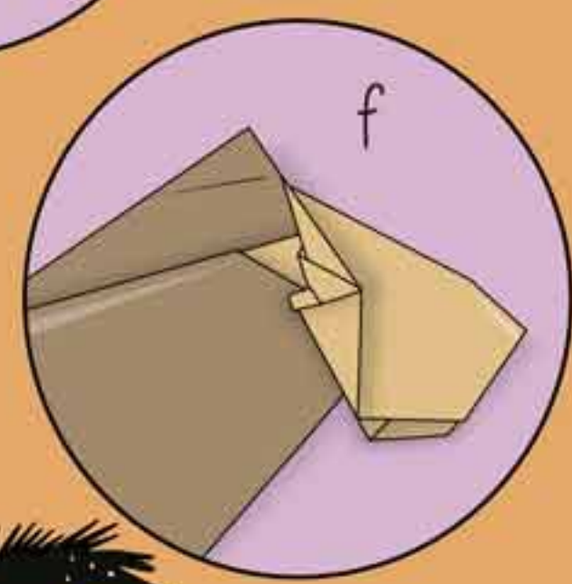


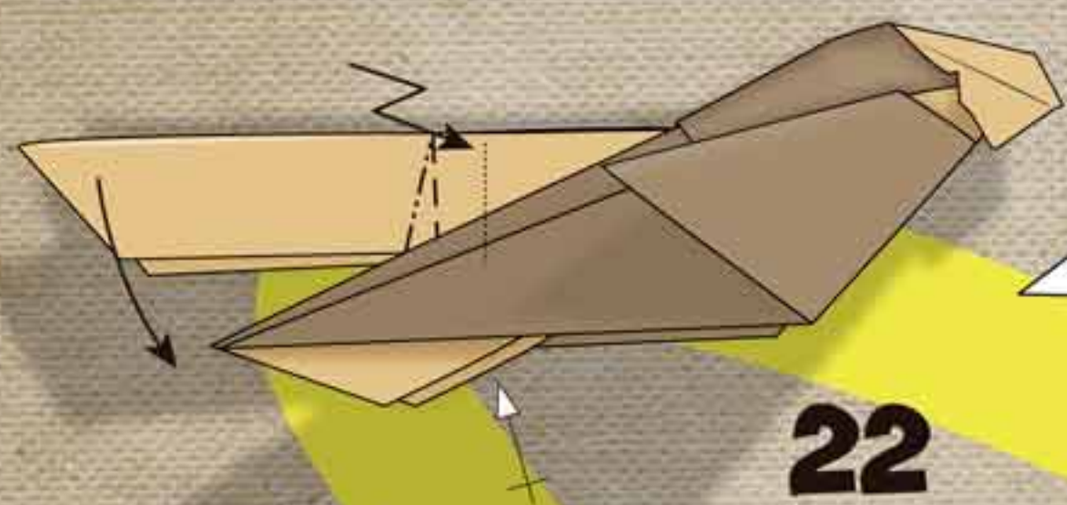
Bring a layer up



Rabbit-ear and reverse-fold

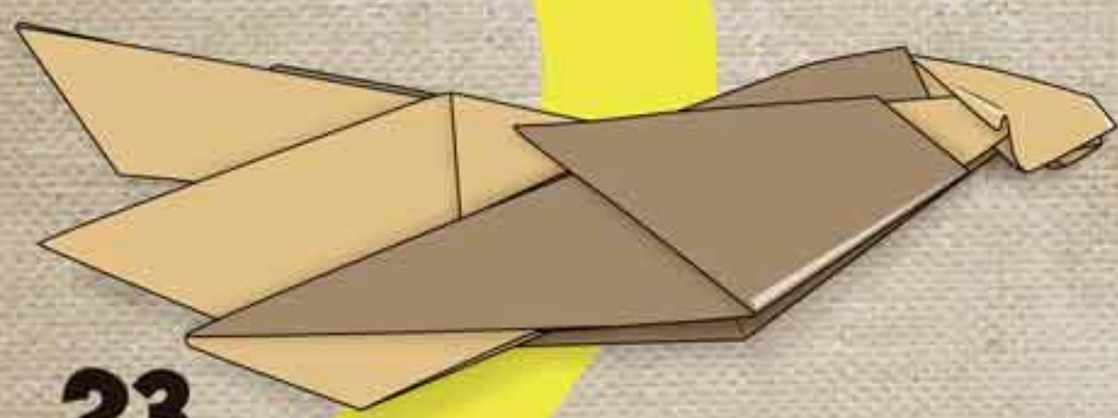




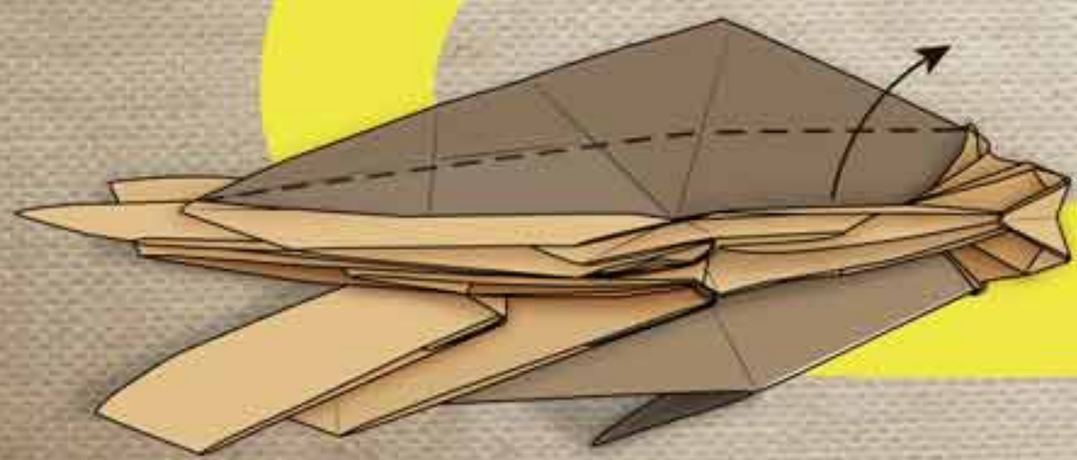


22

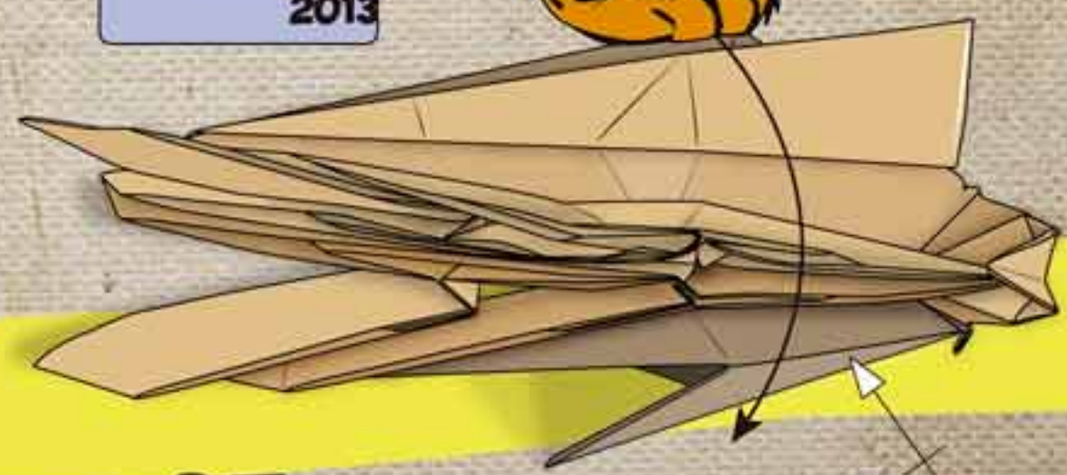
The crimp to create the legs crimp do not coincides with the intersection. Open the model



23



24



25

Repeat on the other side, then close the model

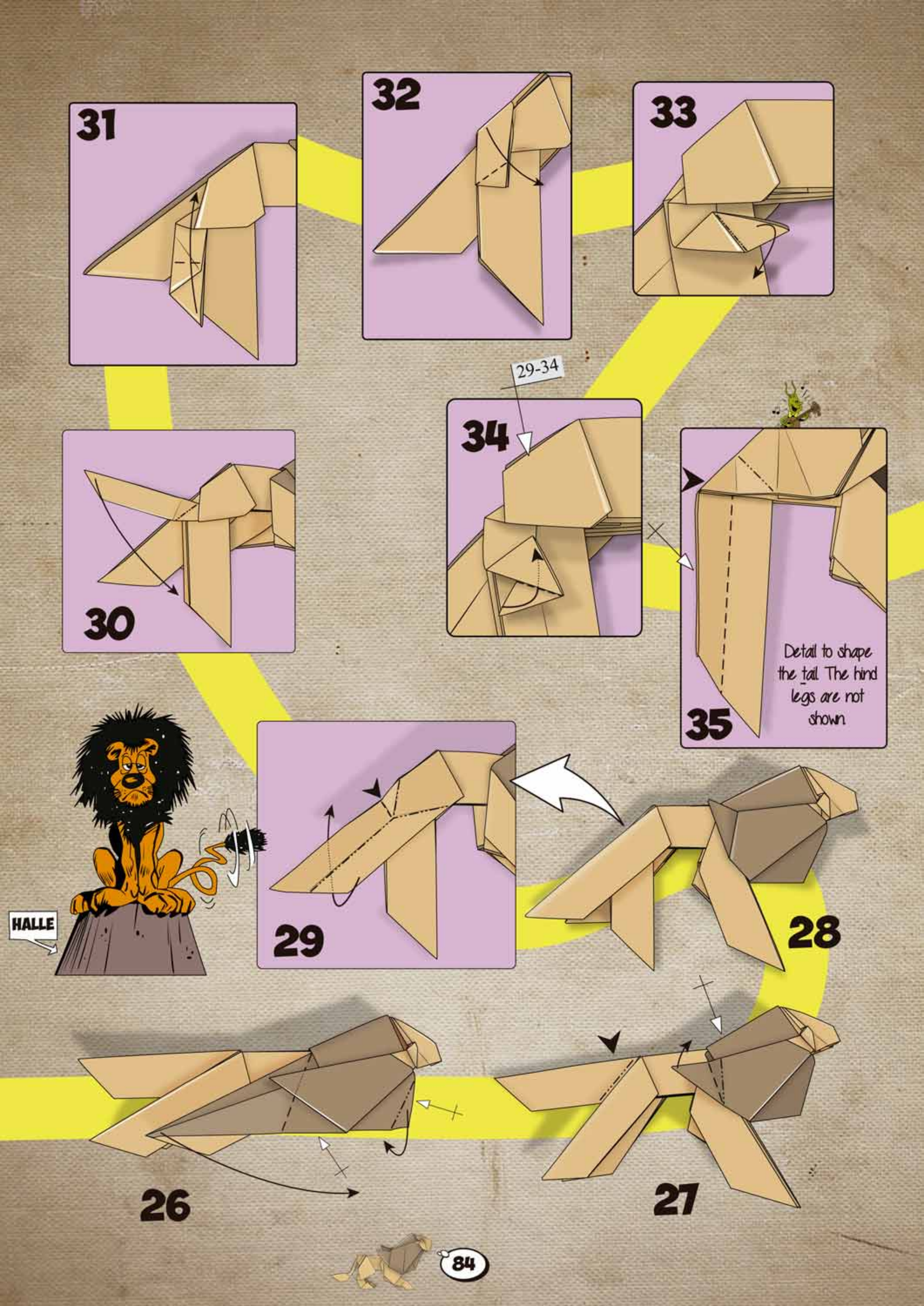
Designer:
Tom Defoirdt

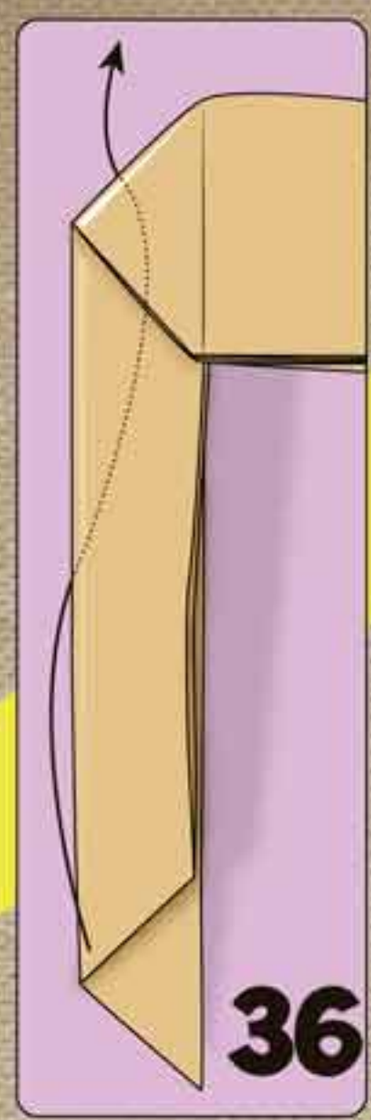
Photodiagrams:
Rui Roda

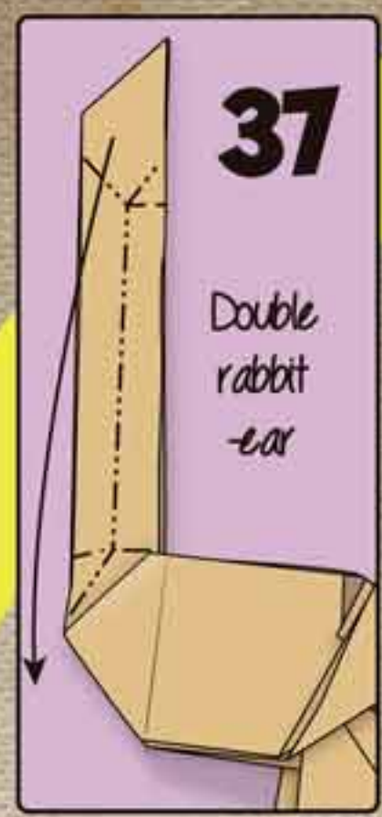
Symbols:
Pere Olivella

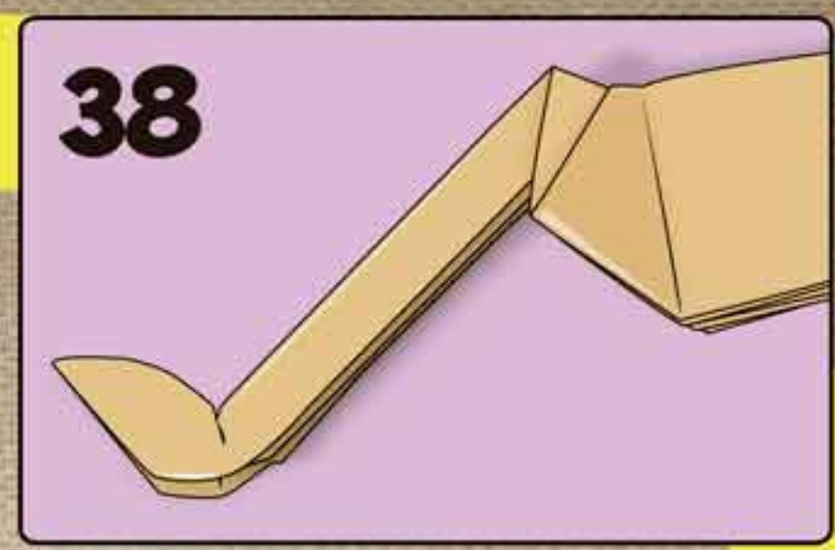
Diagrams:
Halle

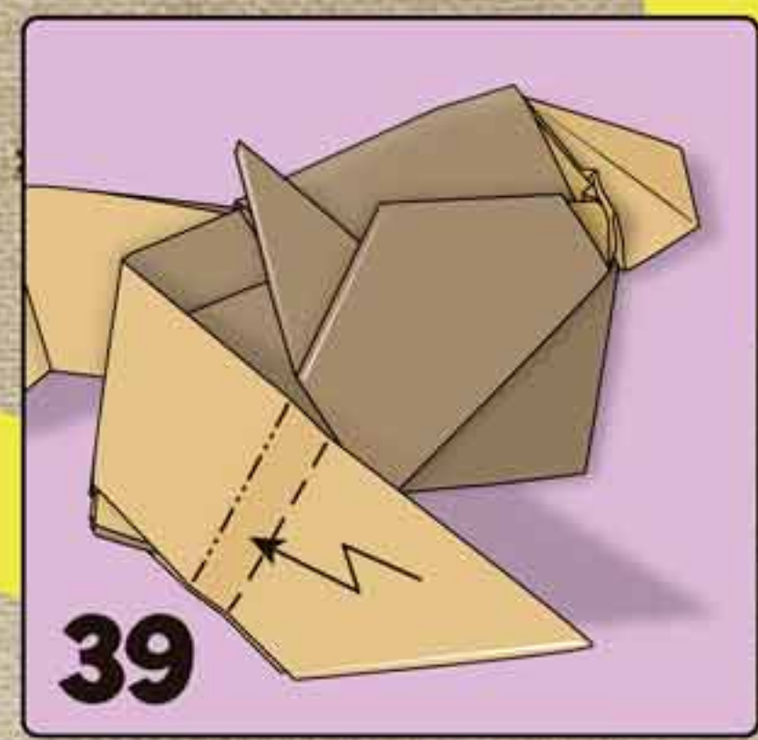
2013

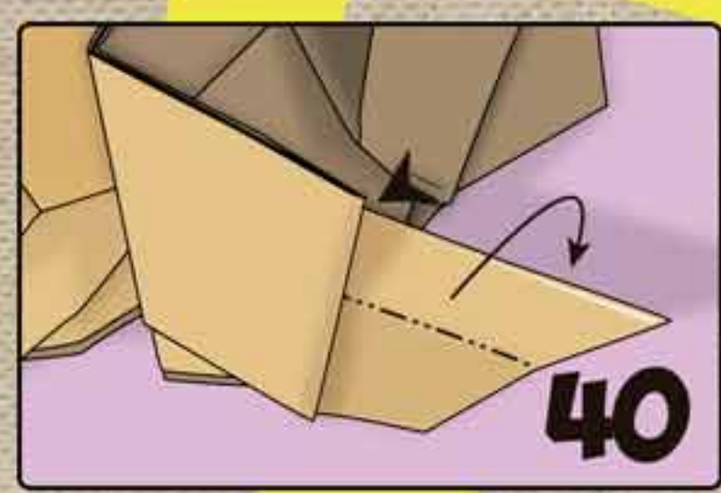

31
32
33
29-34
34
30
Detail to shape the tail. The hind legs are not shown
35
HALLE
29
28
26
27

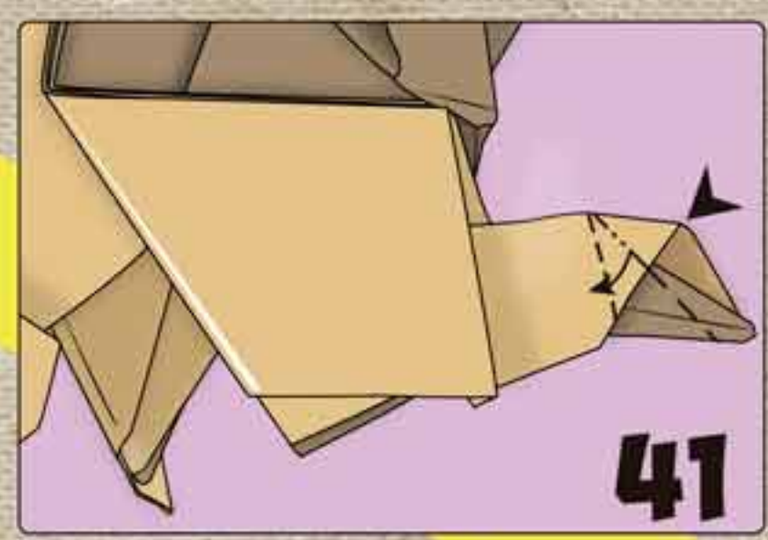


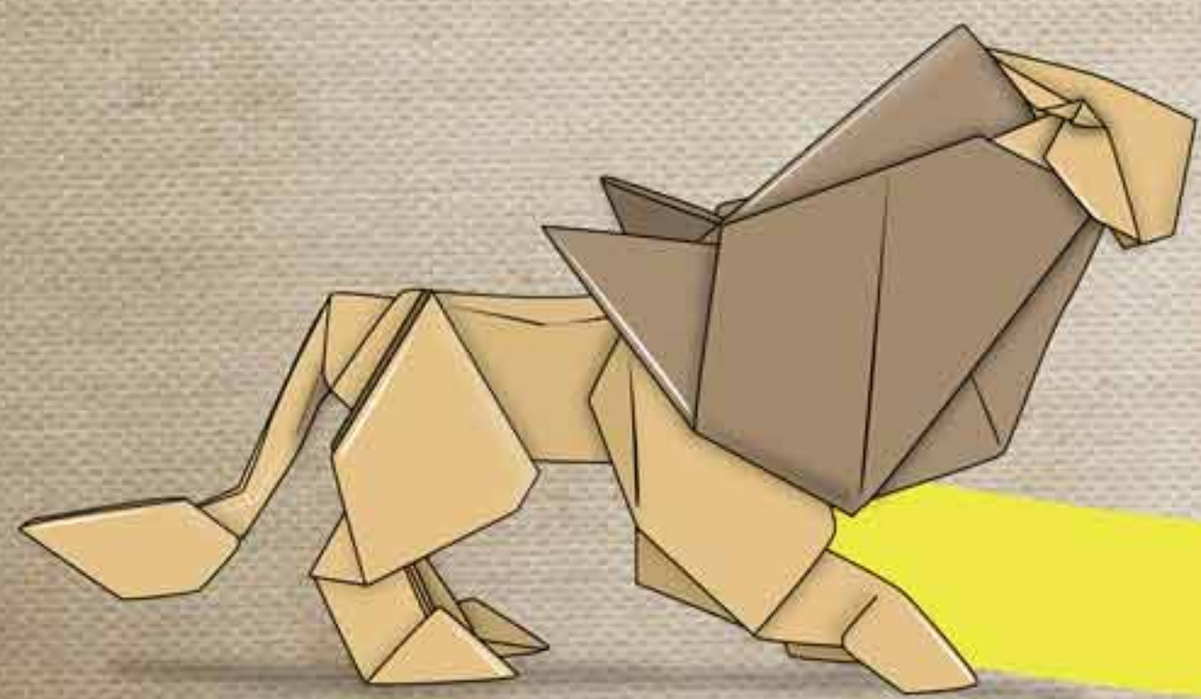




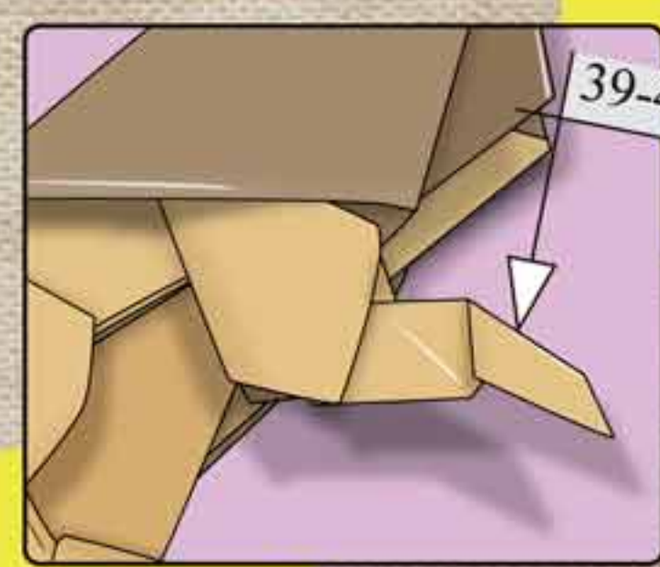








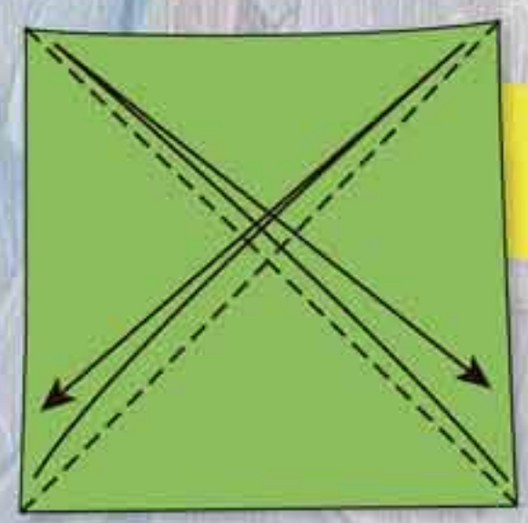
42



Shape

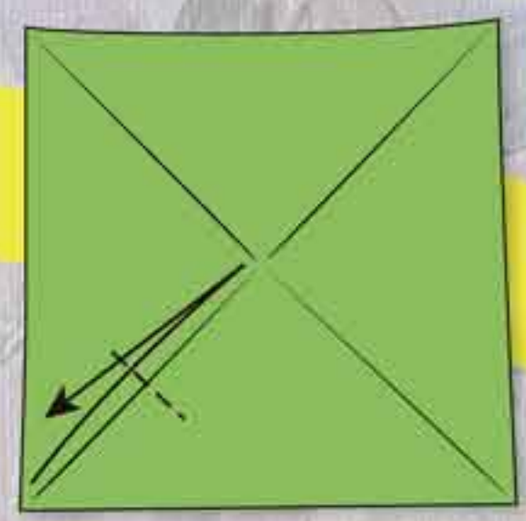
Climb peaks

by Sébastien Limet

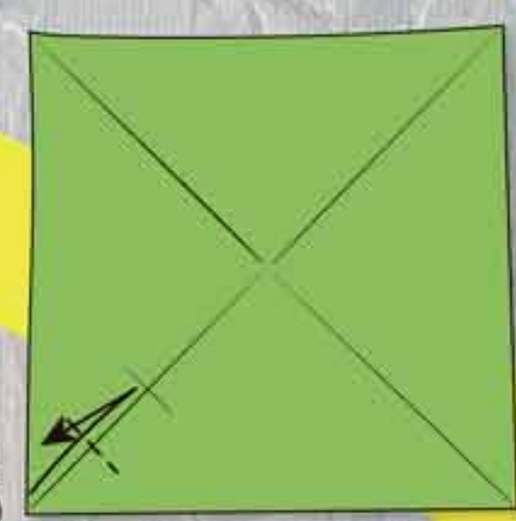


1 30x30cm

Sandwich paper with methylcellulose or green tissue-foil paper with red unryu



2



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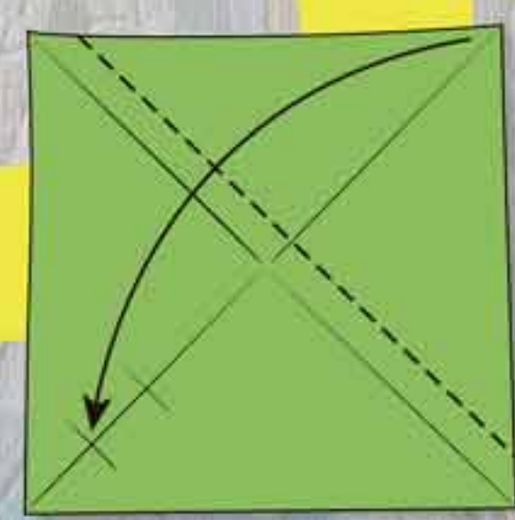

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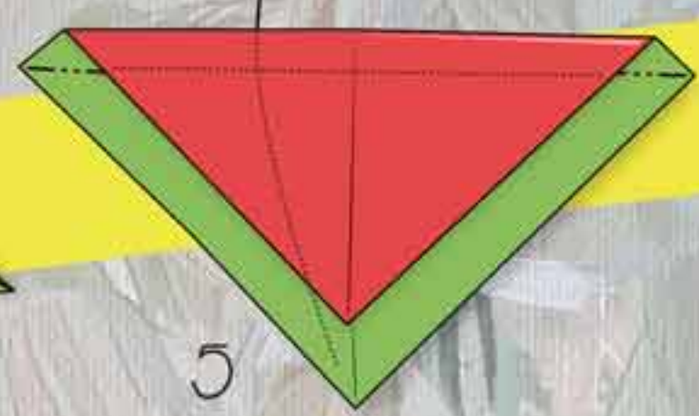

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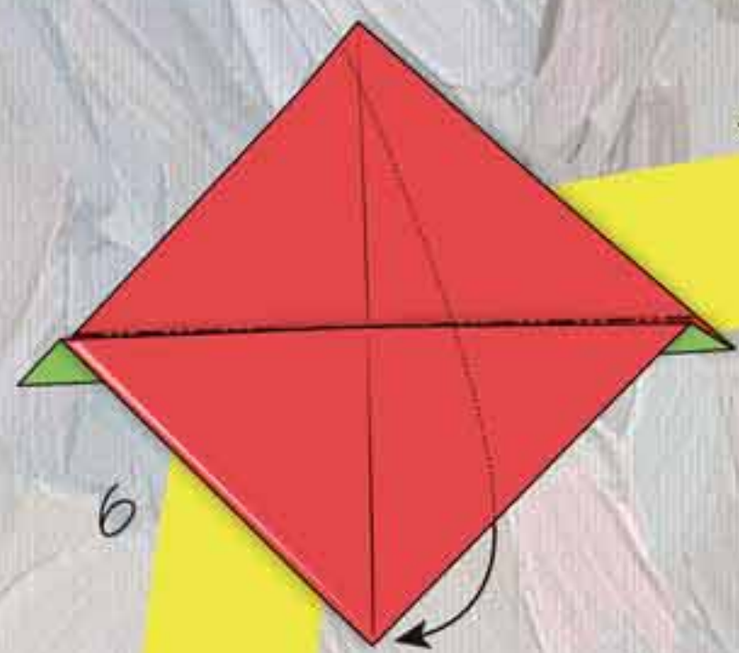

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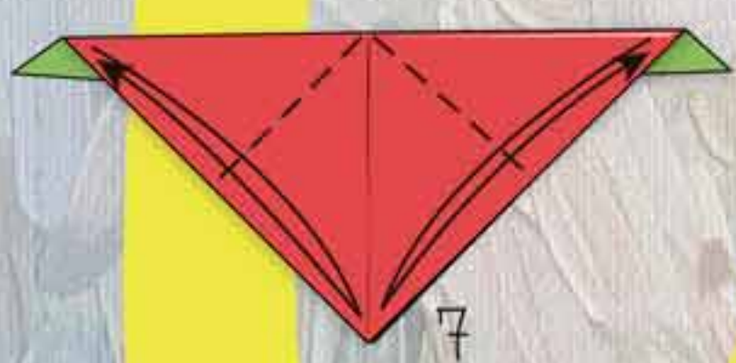

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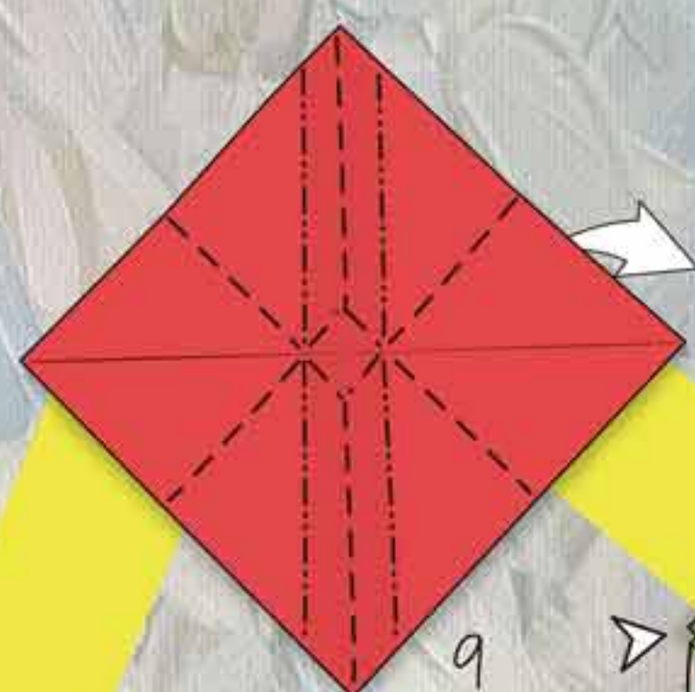
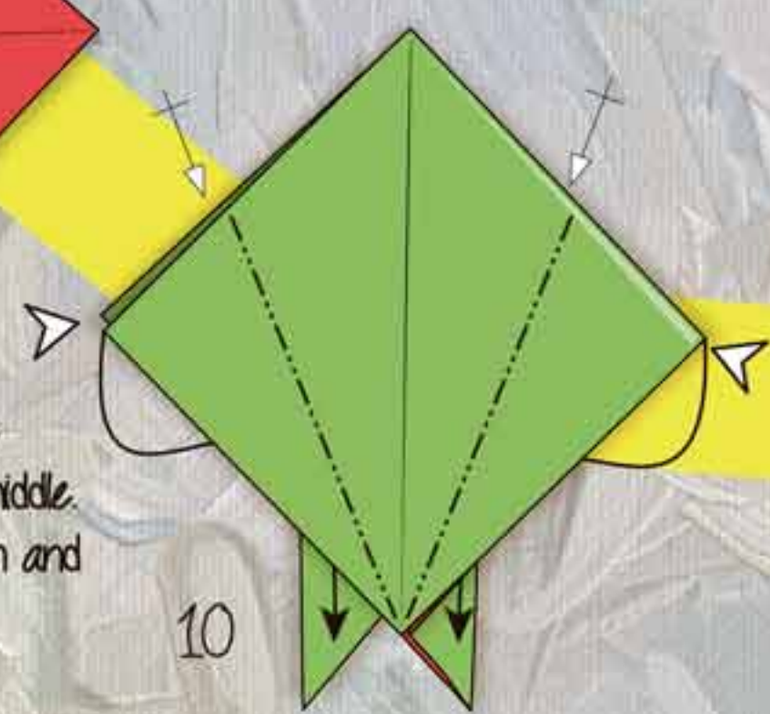
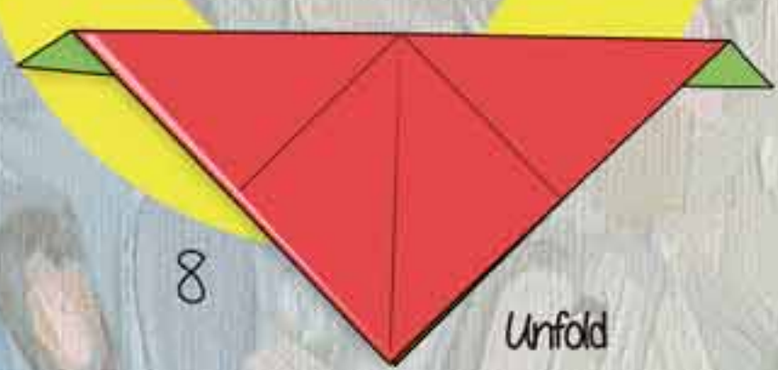


9

Fold a preliminary base including the graft in the middle. Follow carefully the mountain and valley creases.

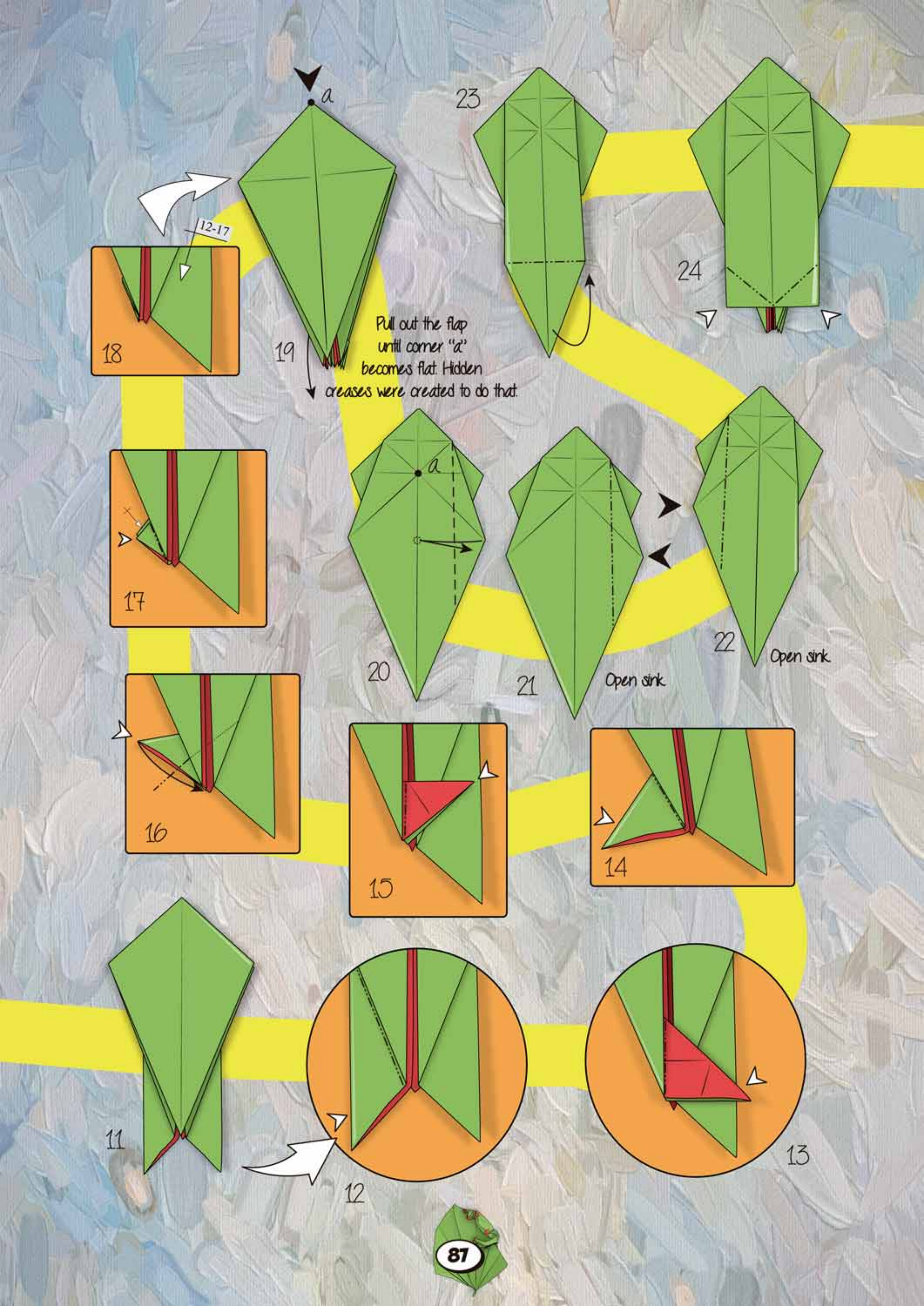


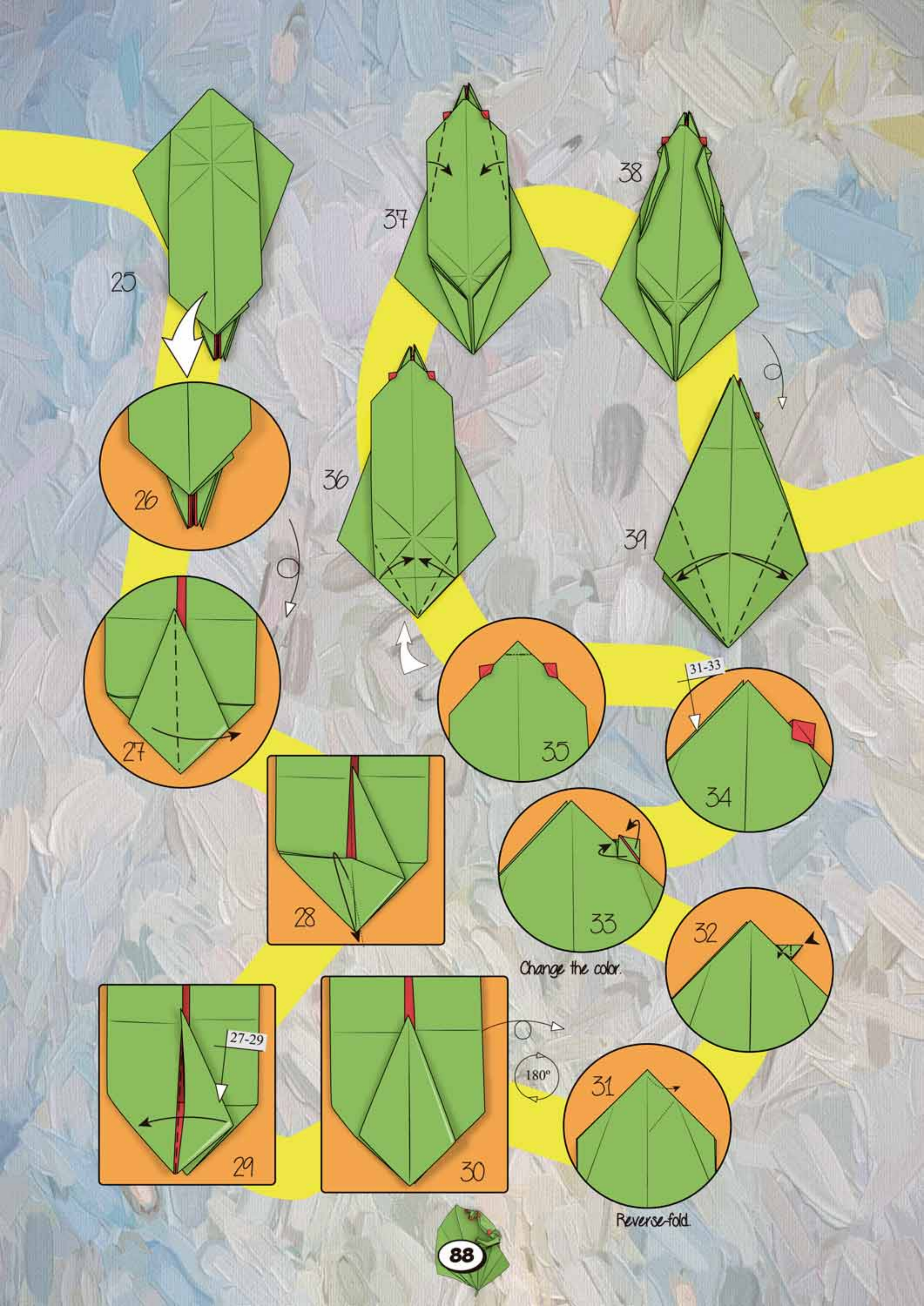
10

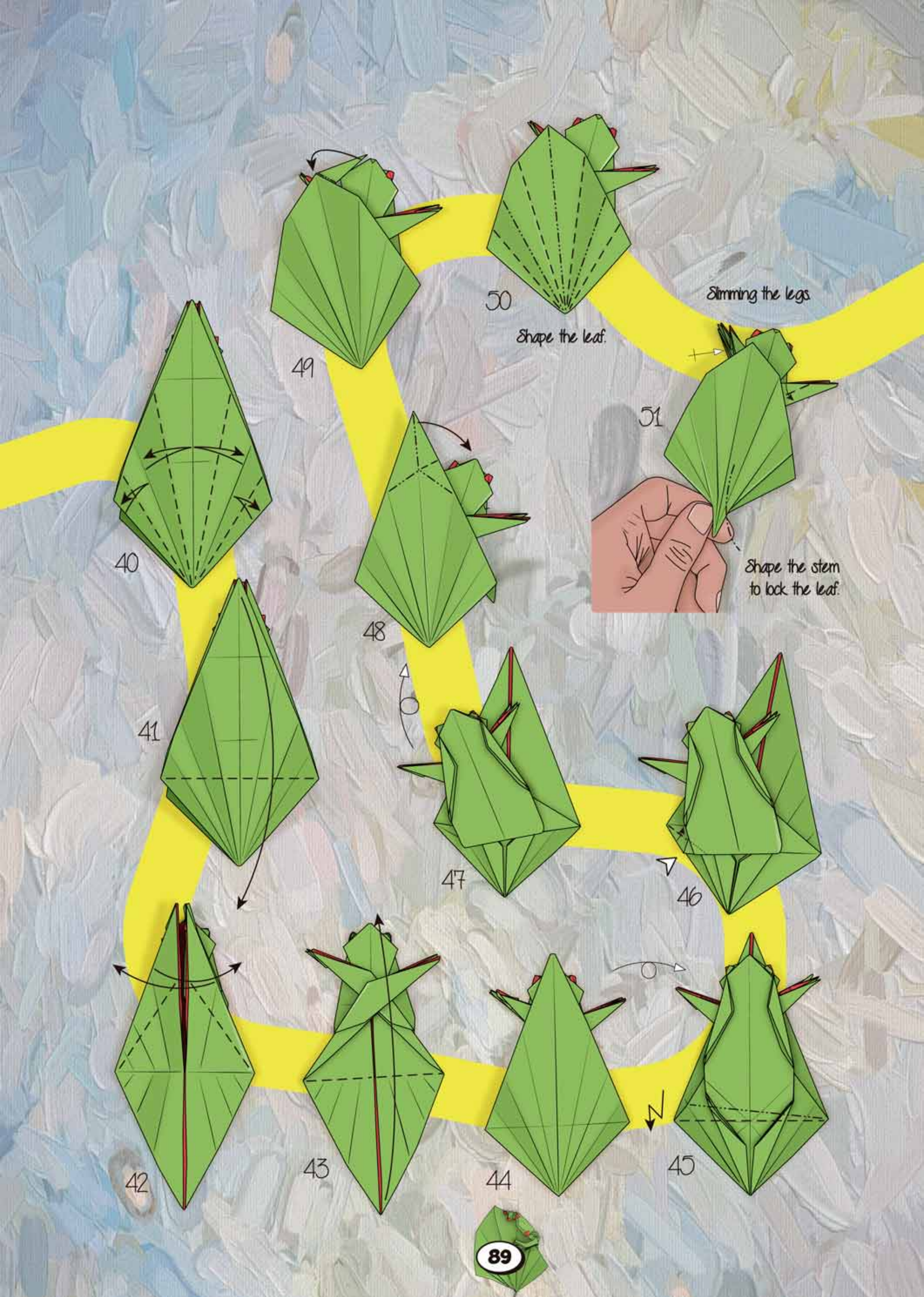


8

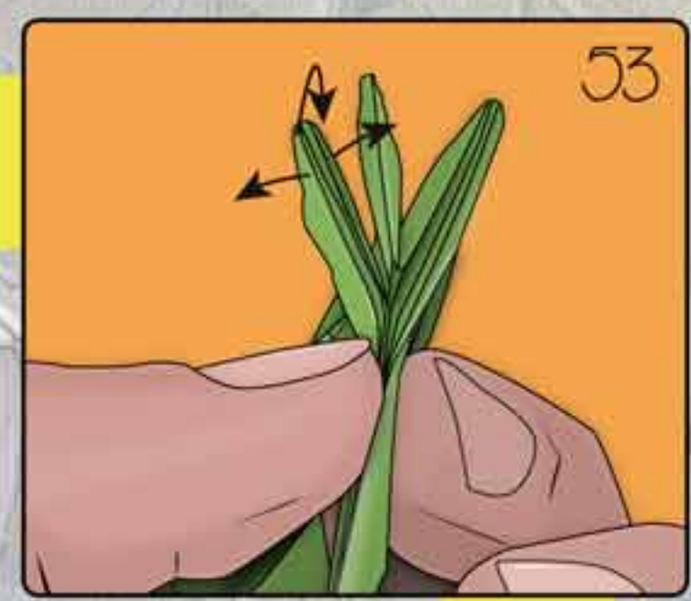
Unfold


a
12-17
18
19
Pull out the flap until corner "a" becomes flat. Hidden creases were created to do that.
23
24
17
a
20
21
Open sink
22
Open sink
16
15
14
11
12
13

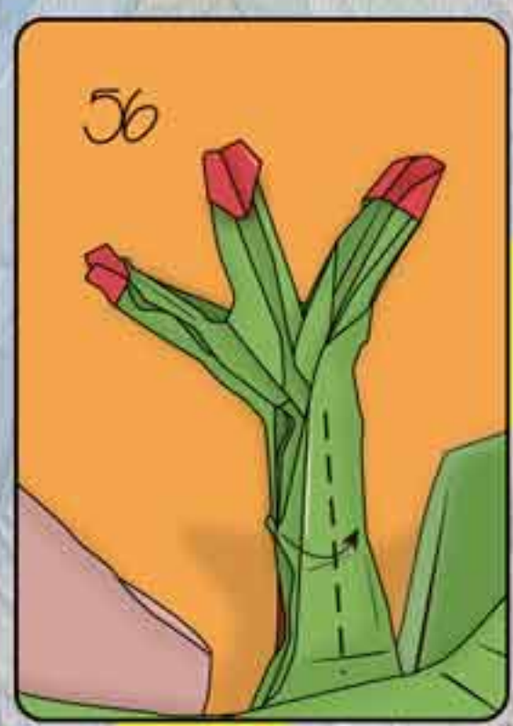

25
26
27
28
29
27-29
30
180°
31
Reverse-fold.
32
33
Change the color.
34
31-33
35
36
37
38
39


40
41
42
43
44
45
46
47
48
49
50
Shape the leaf.
51
Slimming the legs.
Shape the stem
to lock the leaf.

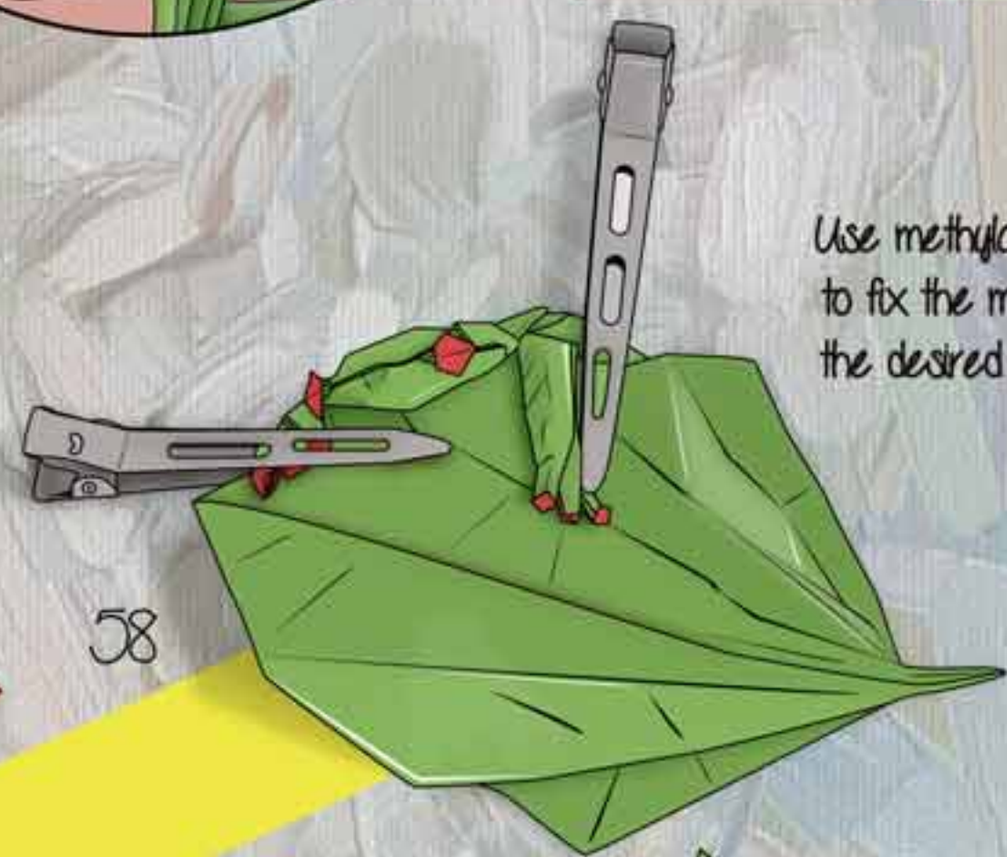
Insert cotton in the head



Open and fold the tip to change the color of the finger.

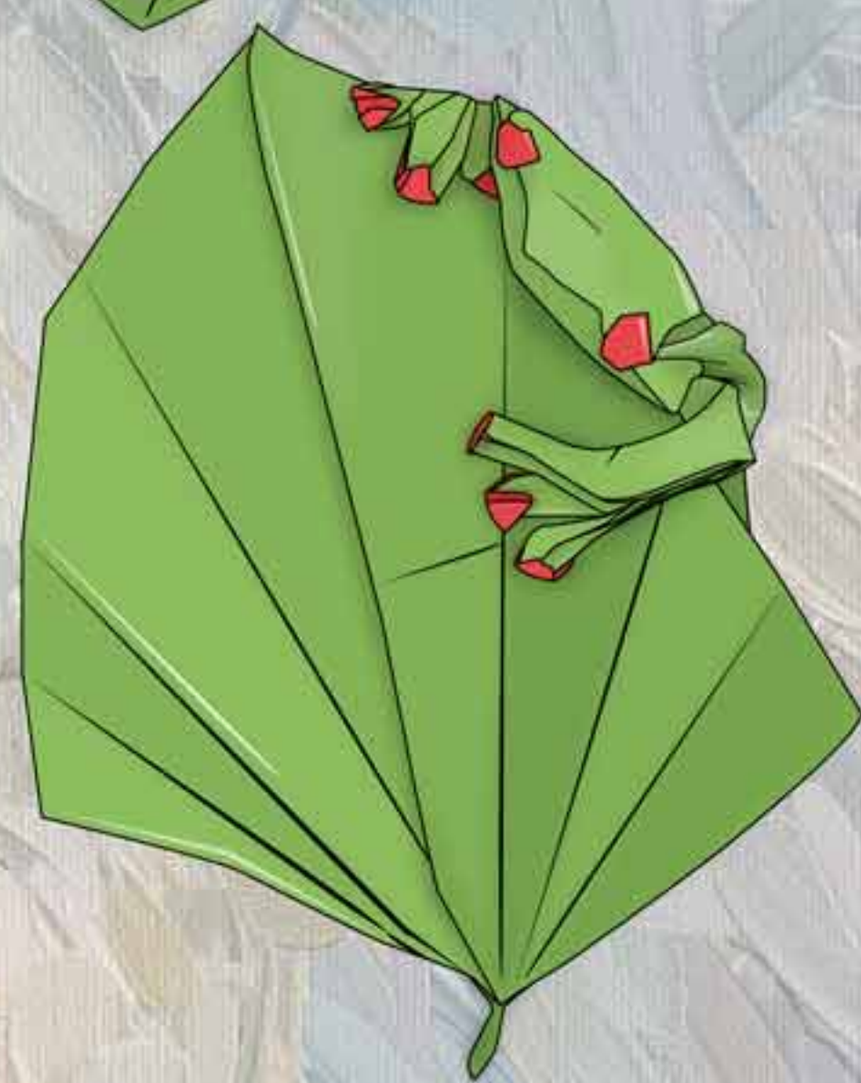


Shape the leg



Use methylcellulose to fix the model in the desired position

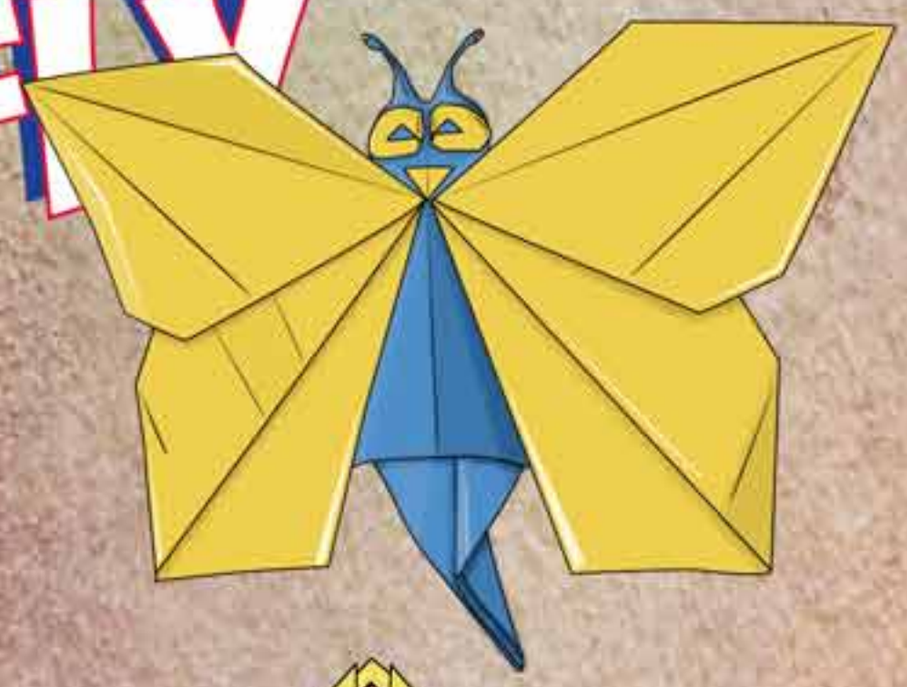
Bring the head and legs forward to suit the leaf.

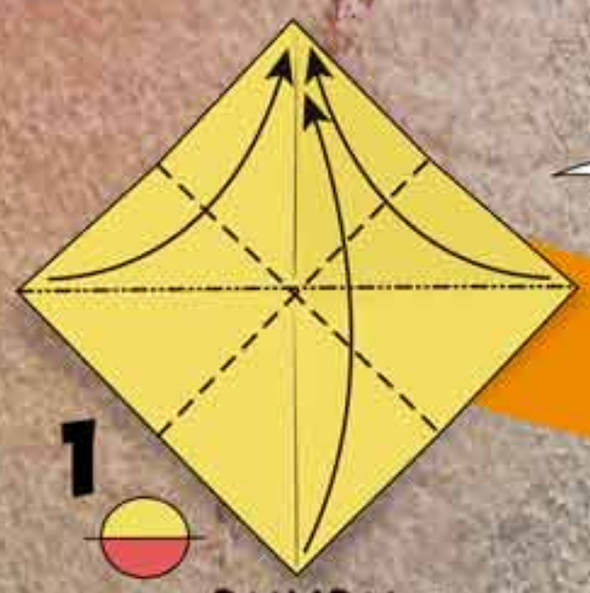


Designer: Sébastien Limet
Photodiagrams & symbols:
Pere Olivella
Diagrams: Halle
2013

BUTTERFLY

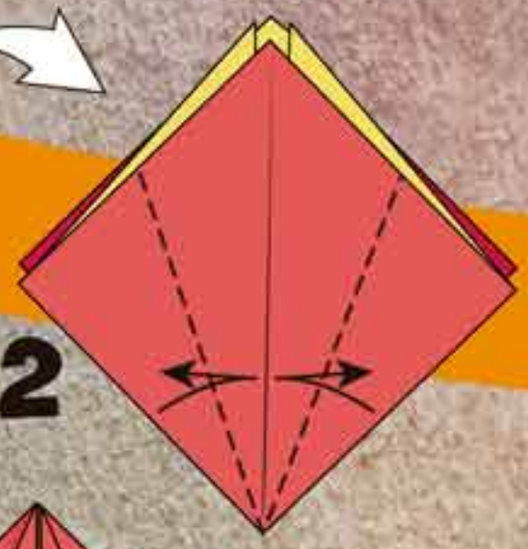
by Fernando Gilgado



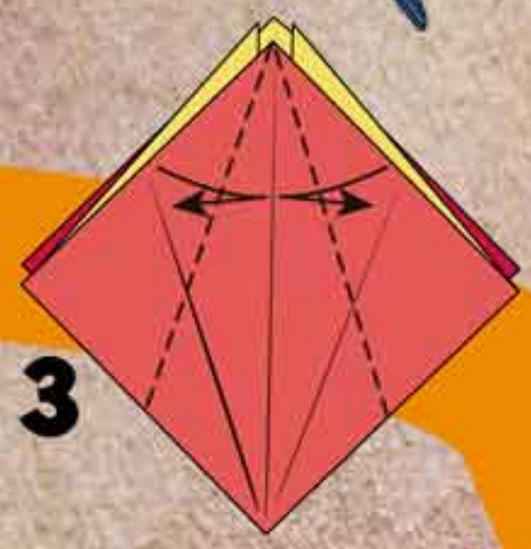


1

24X24CM
Sandwich paper



2



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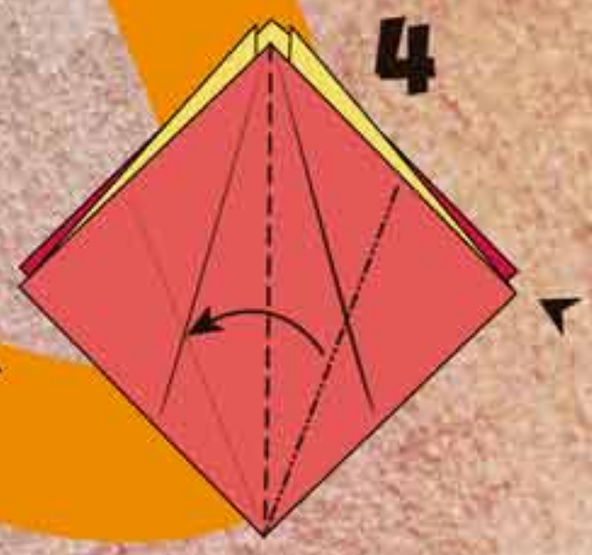

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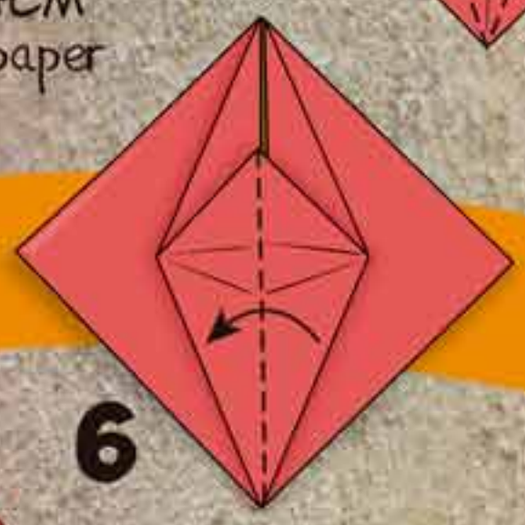
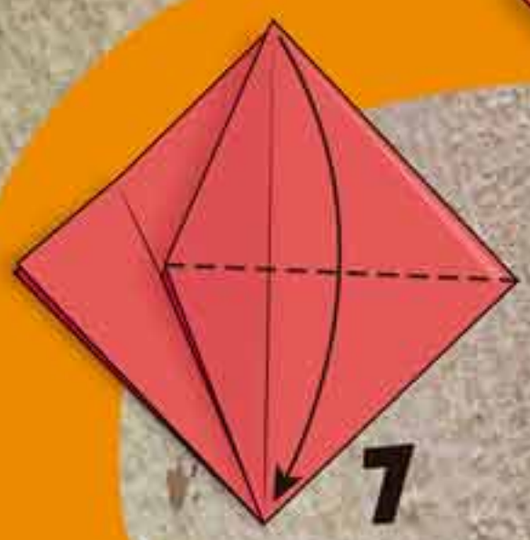


6

5



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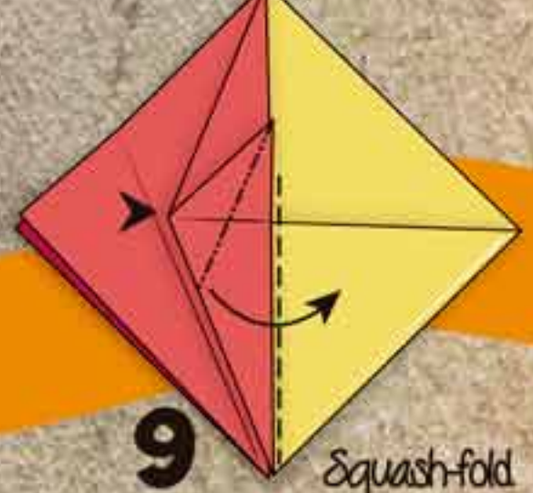
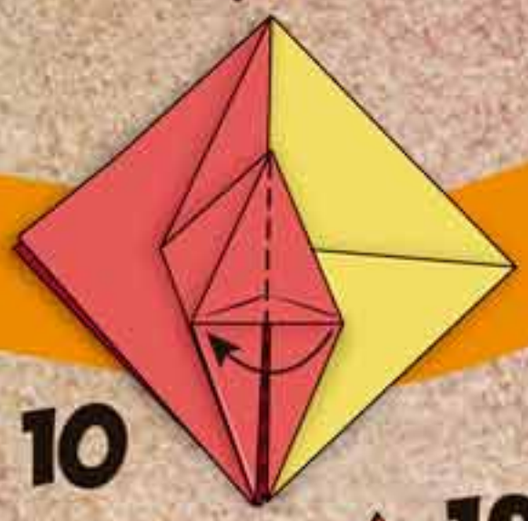


9

Squash-fold



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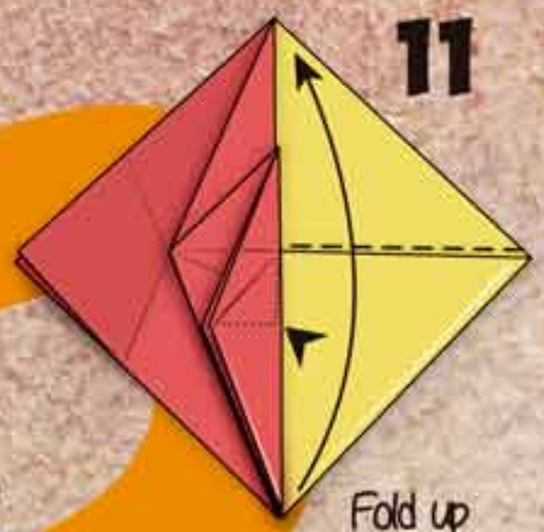
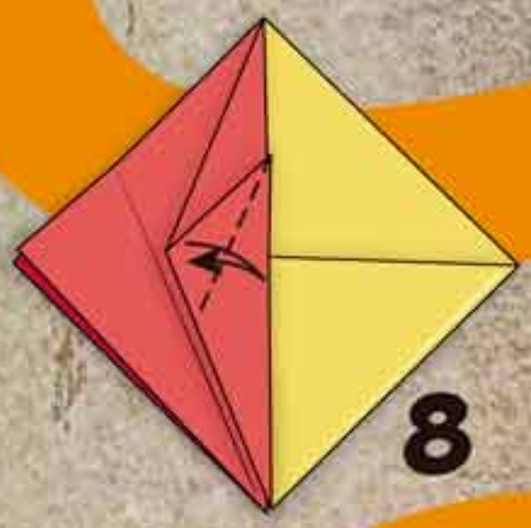
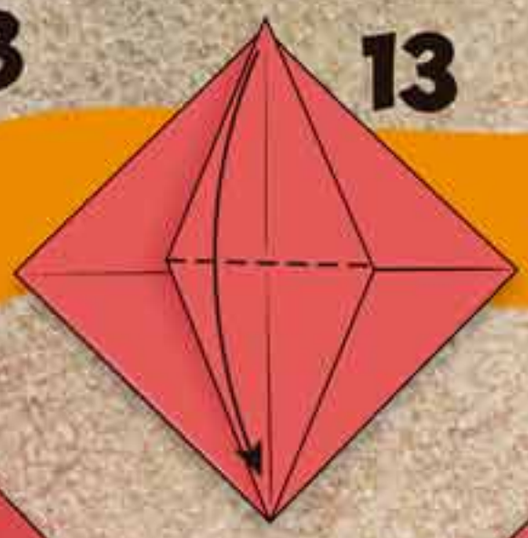


11

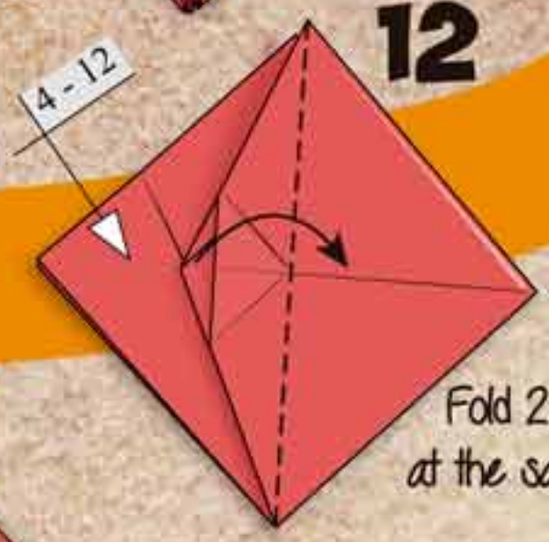
Fold up flattening the middle of the flap.



8



13

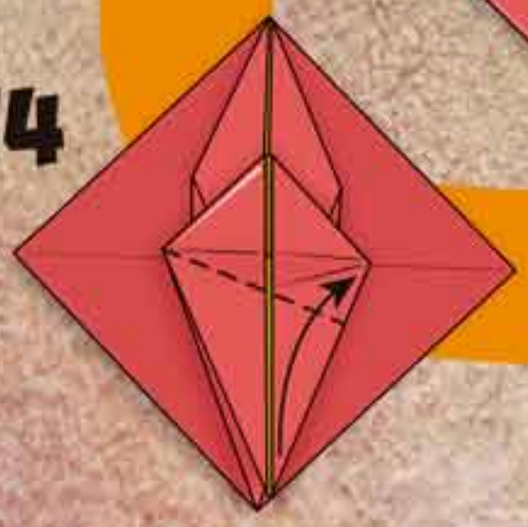


4 - 12

12

Fold 2 layers at the same time.

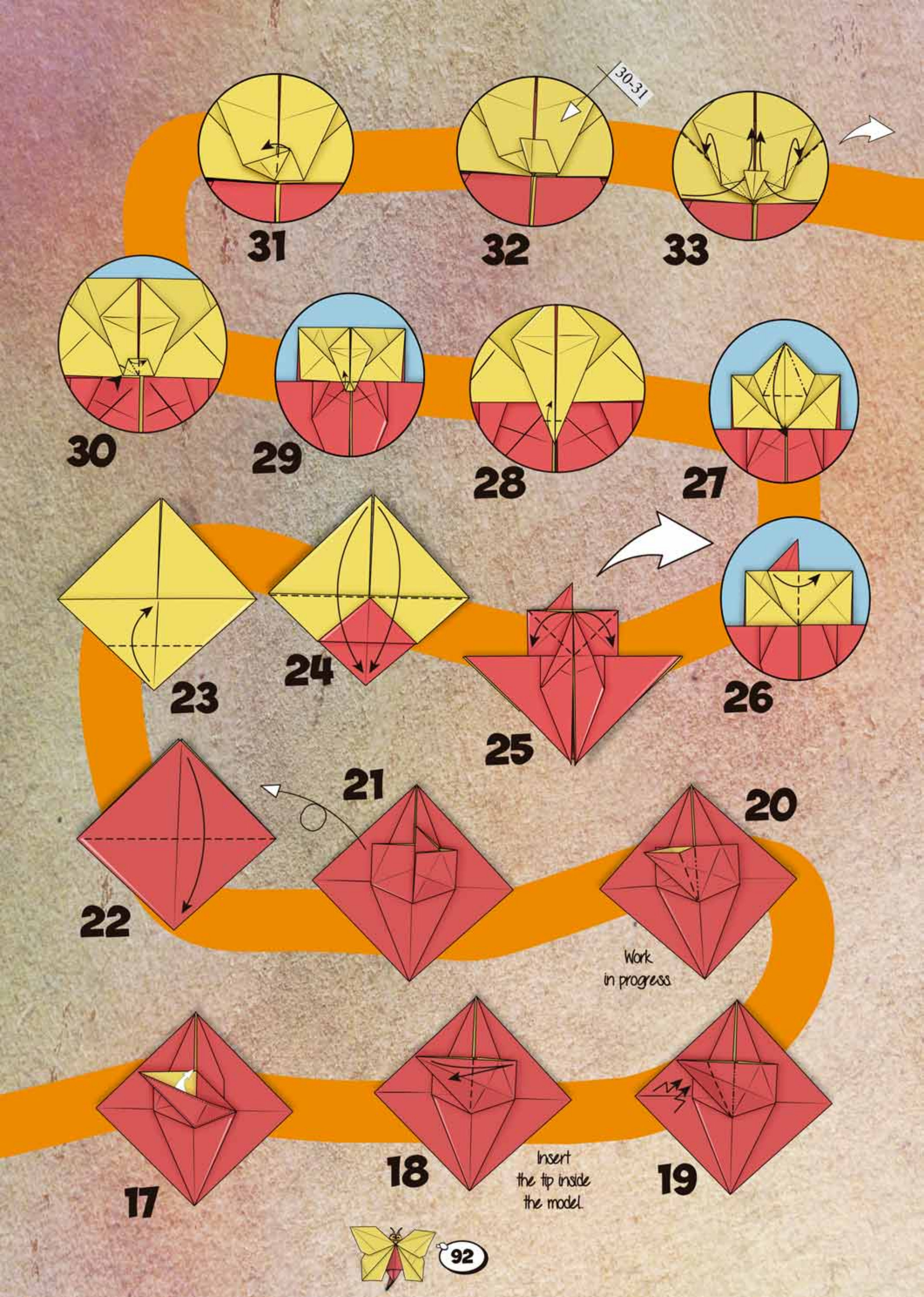
14

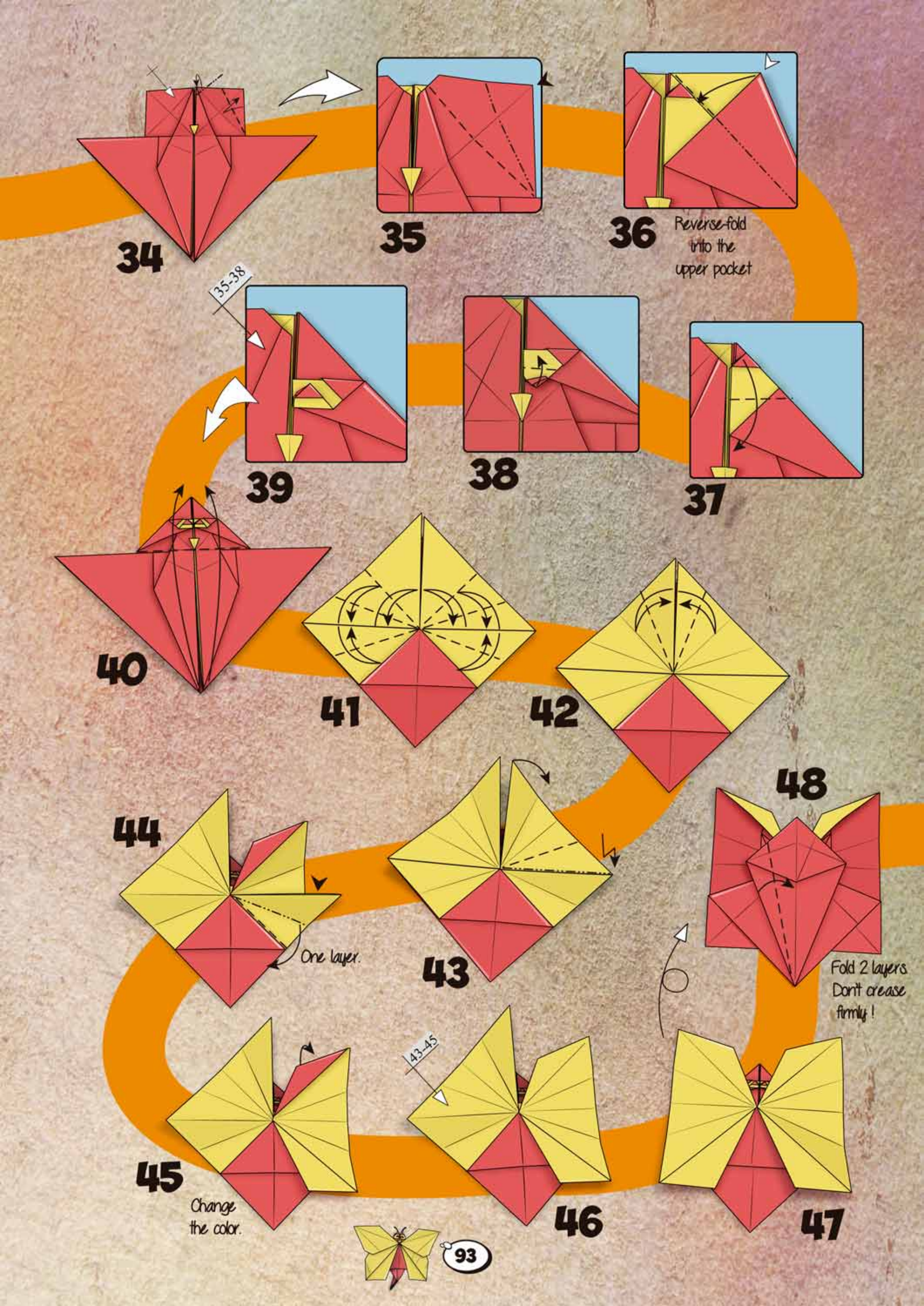


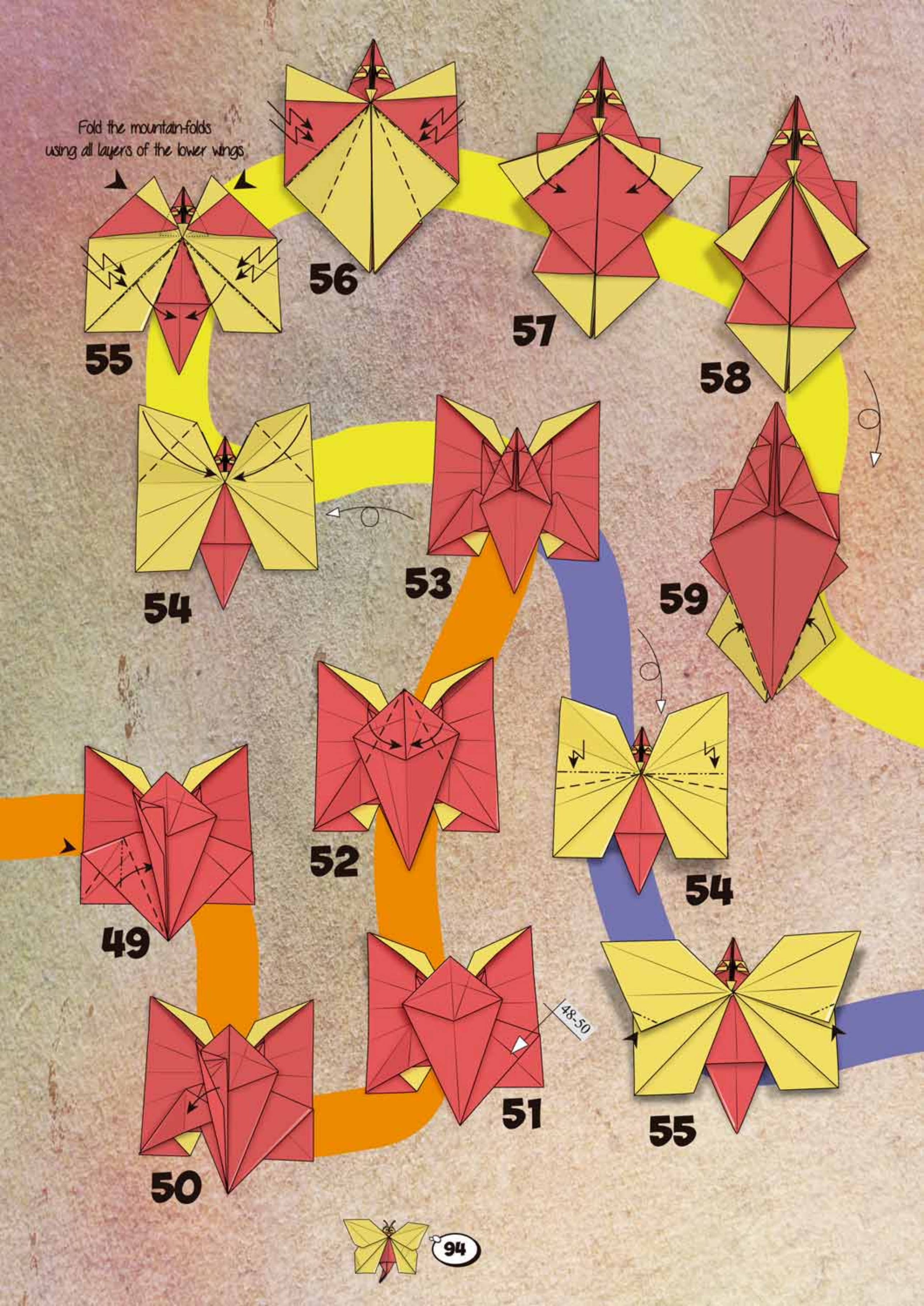
15

Pull out paper.

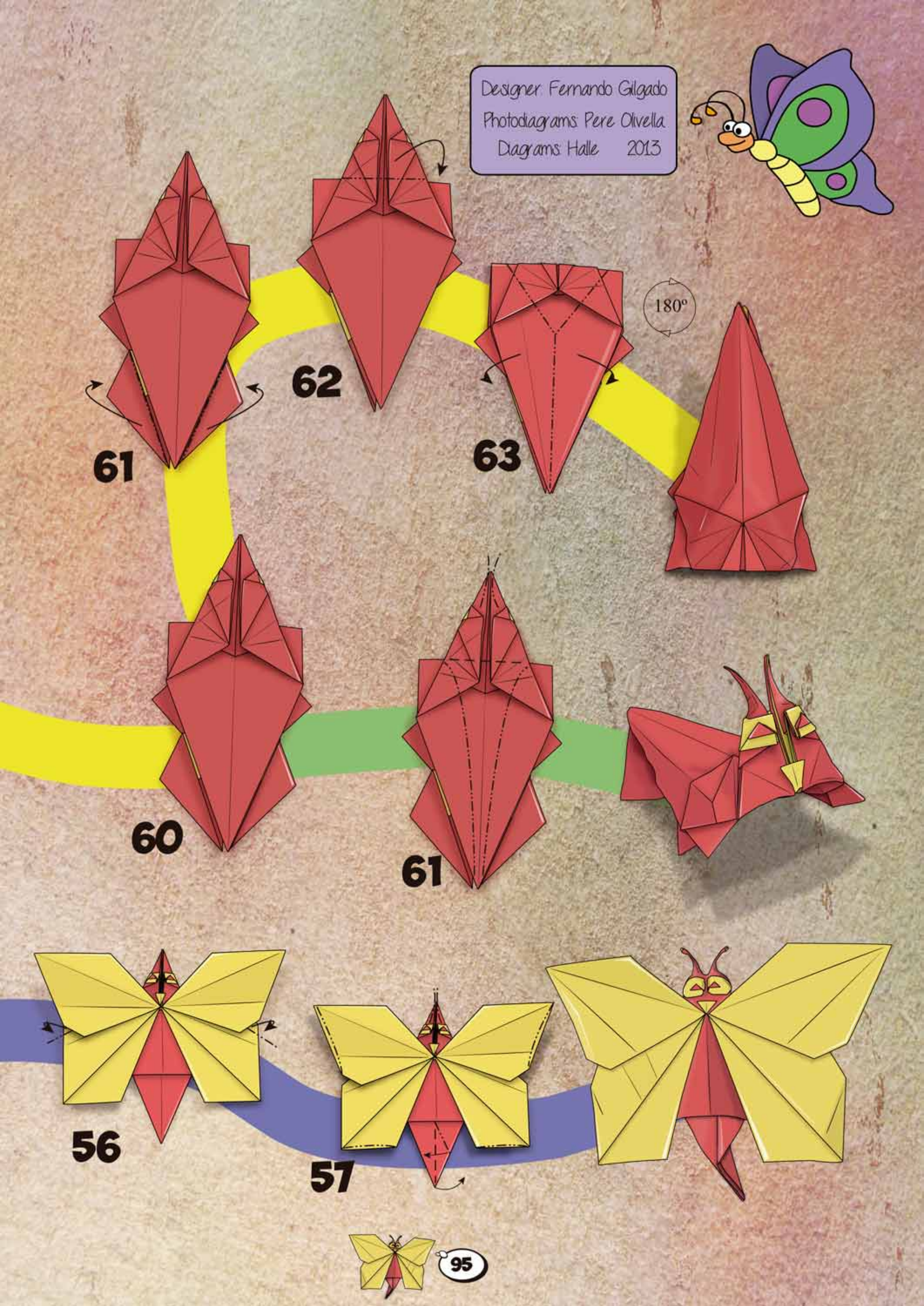
16


30-31
31
32
33
30
29
28
27
23
24
25
26
22
21
20
Work
in progress
17
18
Insert
the tip inside
the model
19


34
35
36
Reverse-fold into the upper pocket
35-38
39
38
37
40
41
42
44
One layer.
43
48
Fold 2 layers. Don't crease firmly !
43-45
45
Change the color.
46
47
93

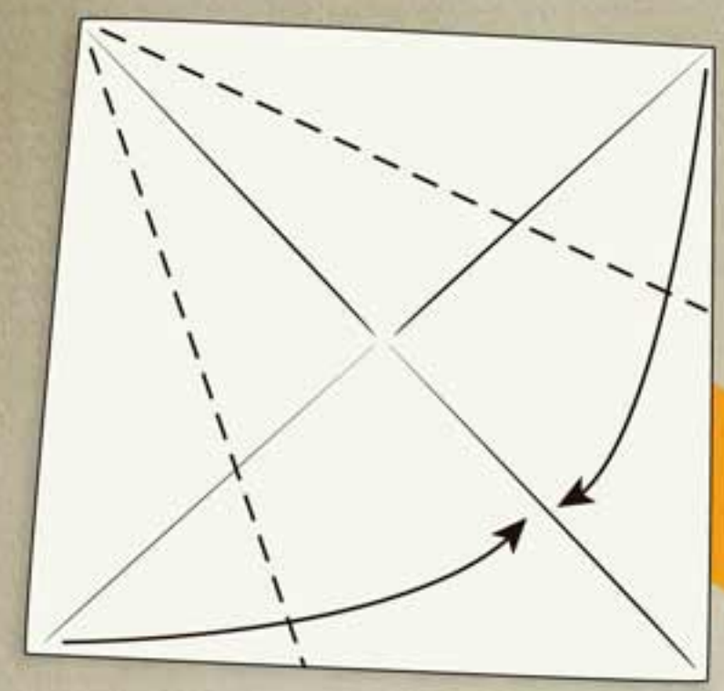

Fold the mountain-folds
using all layers of the lower wings
55
56
57
58
54
53
59
49
52
54
50
51
48-50
55
94

Designer: Fernando Gilgado
Photodiagrams: Pere Olivella
Diagrams: Halle 2013

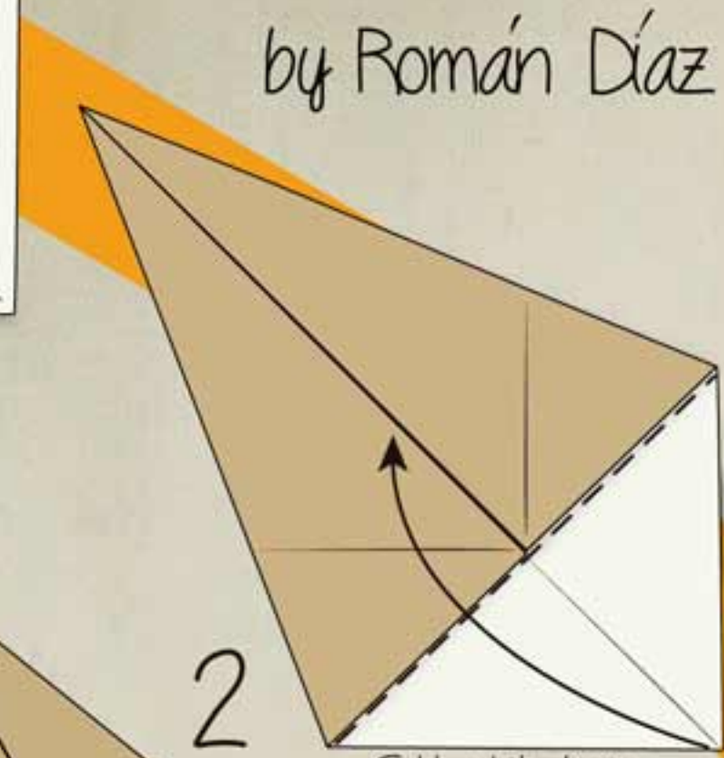


Owl

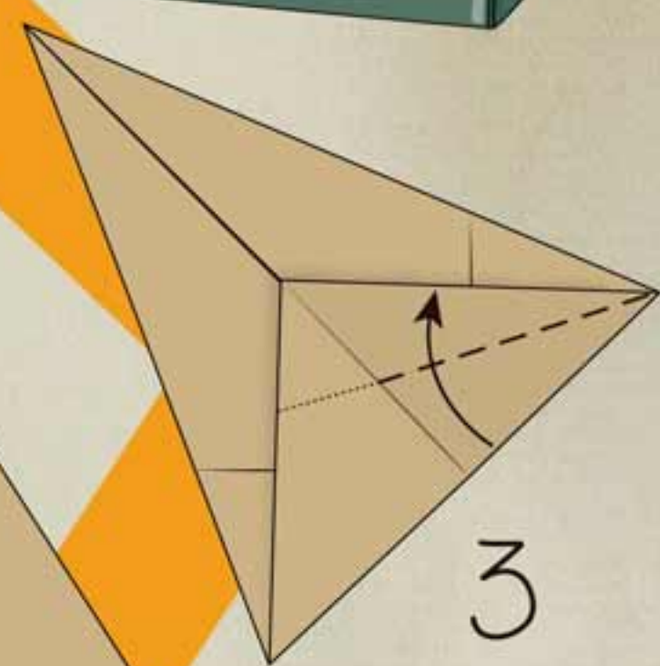
by Román Díaz



1 Kami paper 15x15 cm

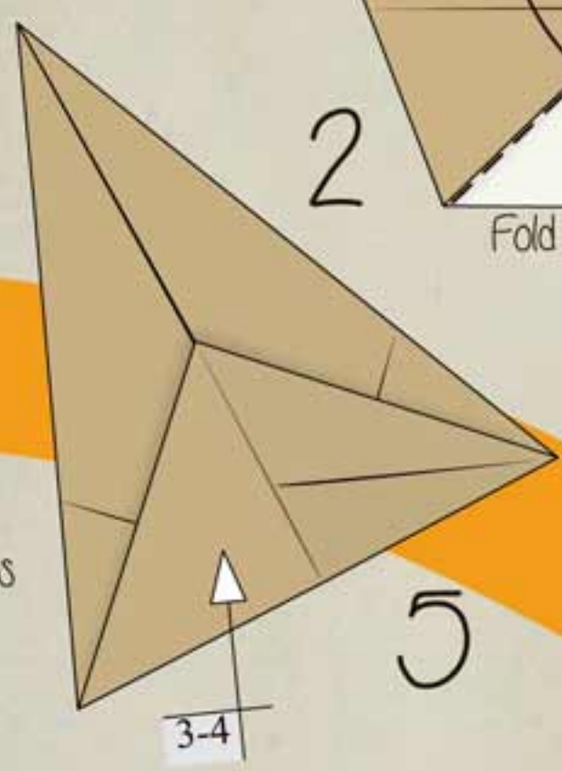


2 Fold a kite base.

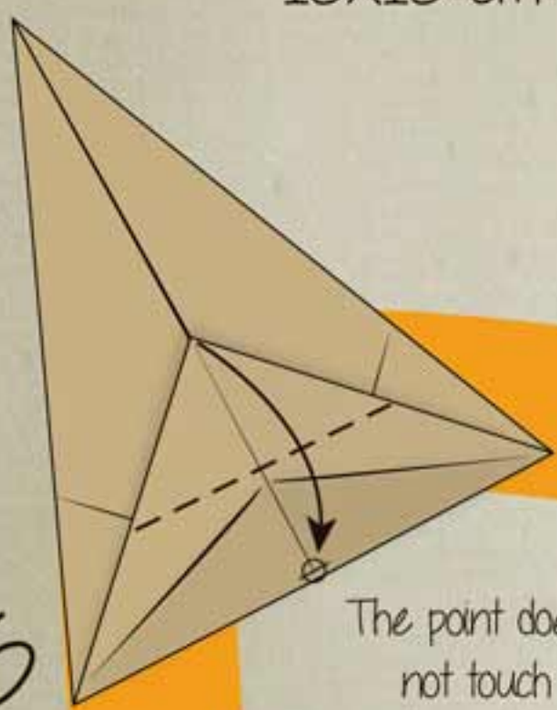


3

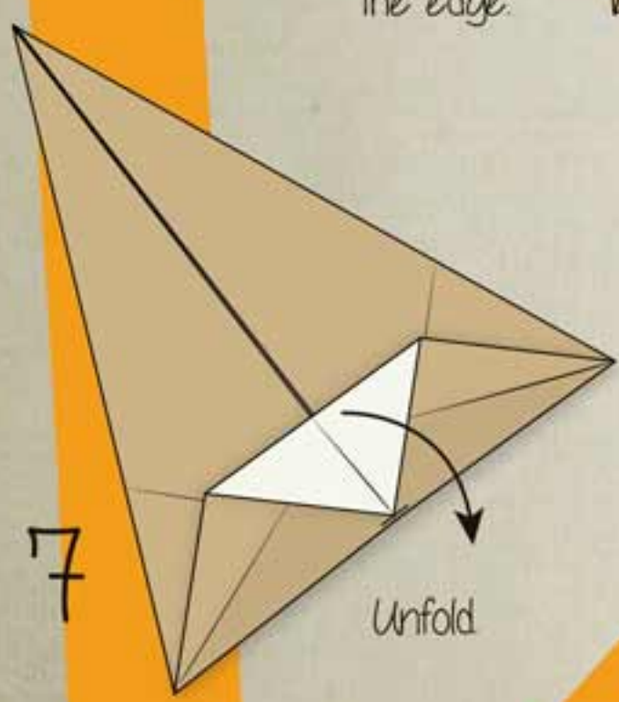
4



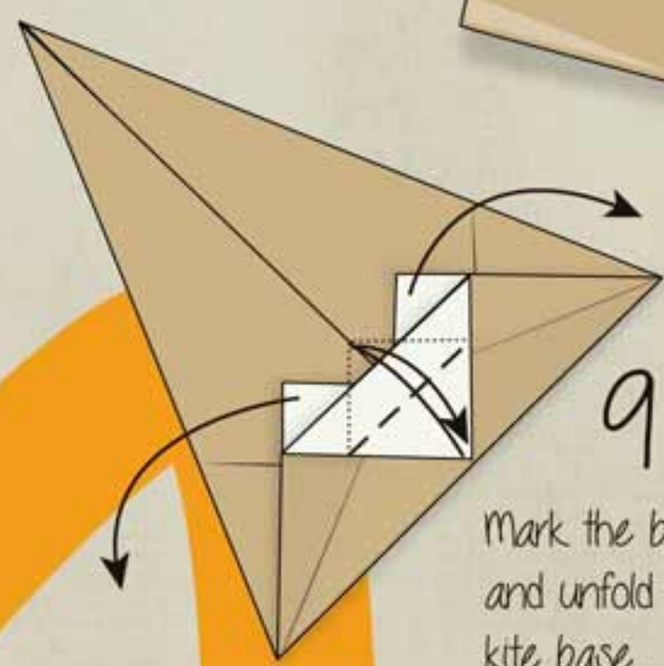
5 3-4



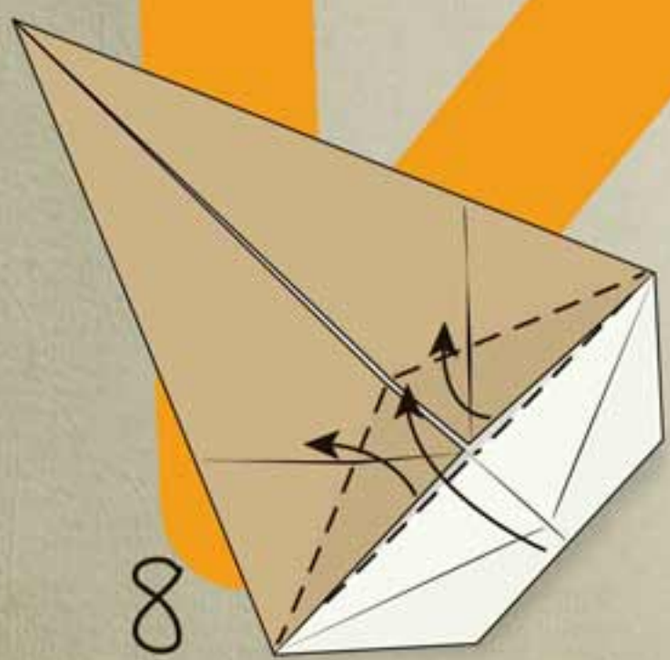
6 The point does not touch the edge.



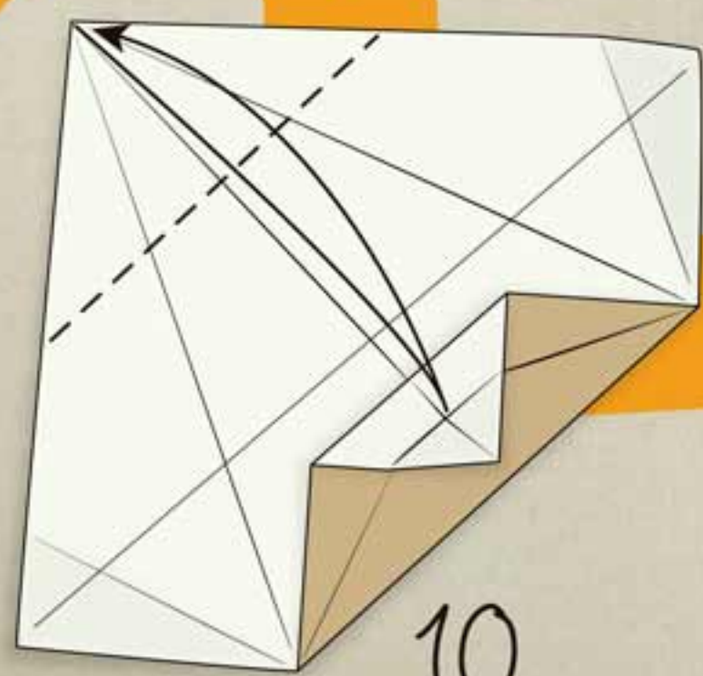
7 Unfold



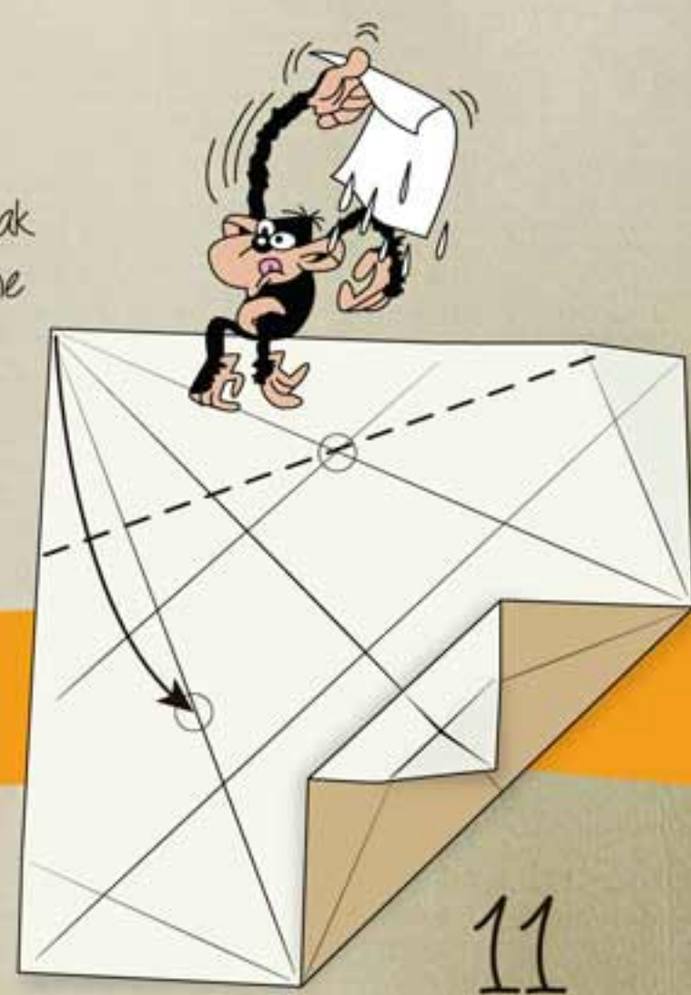
9 Mark the beak and unfold the kite base.



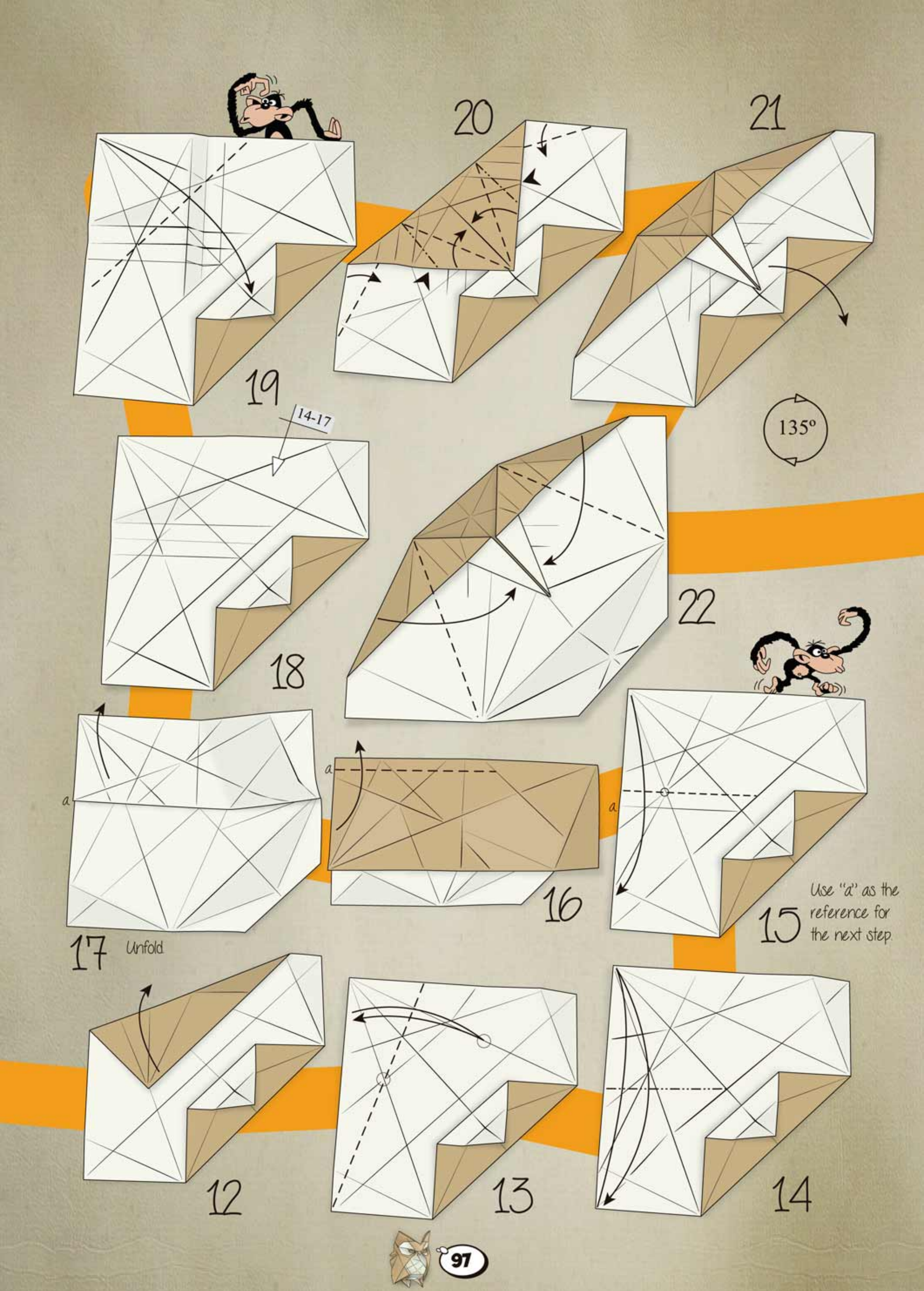
8

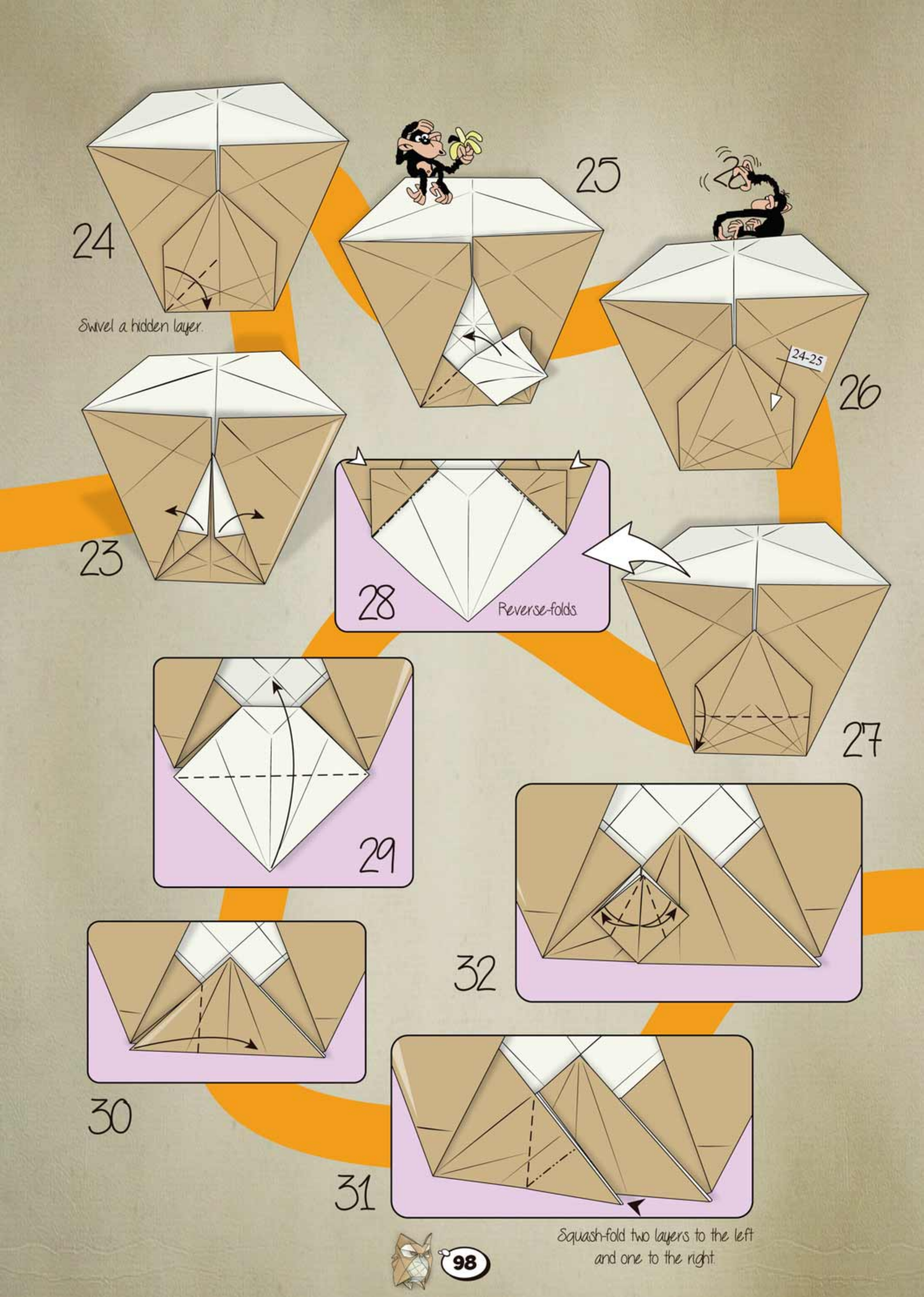


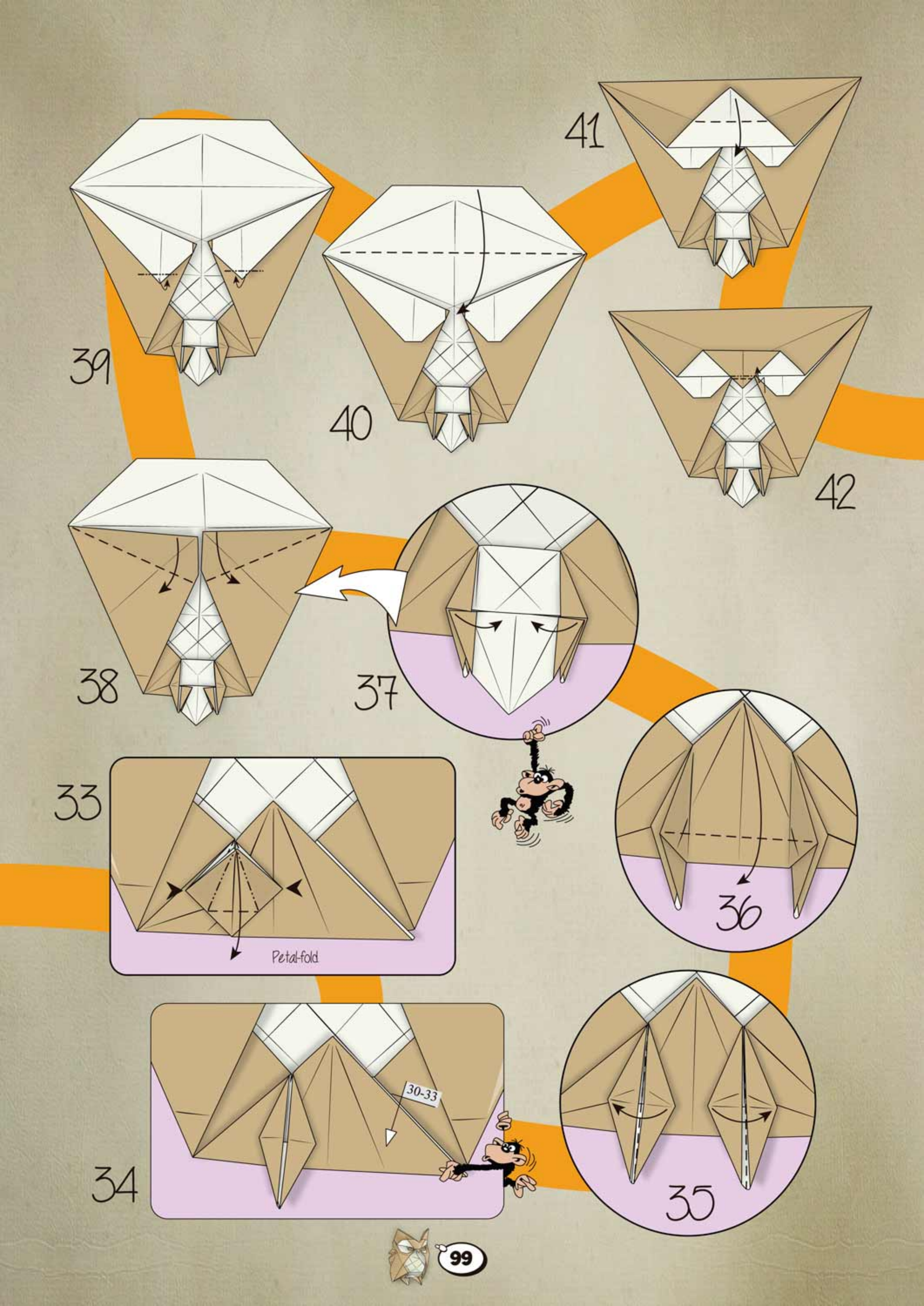
10

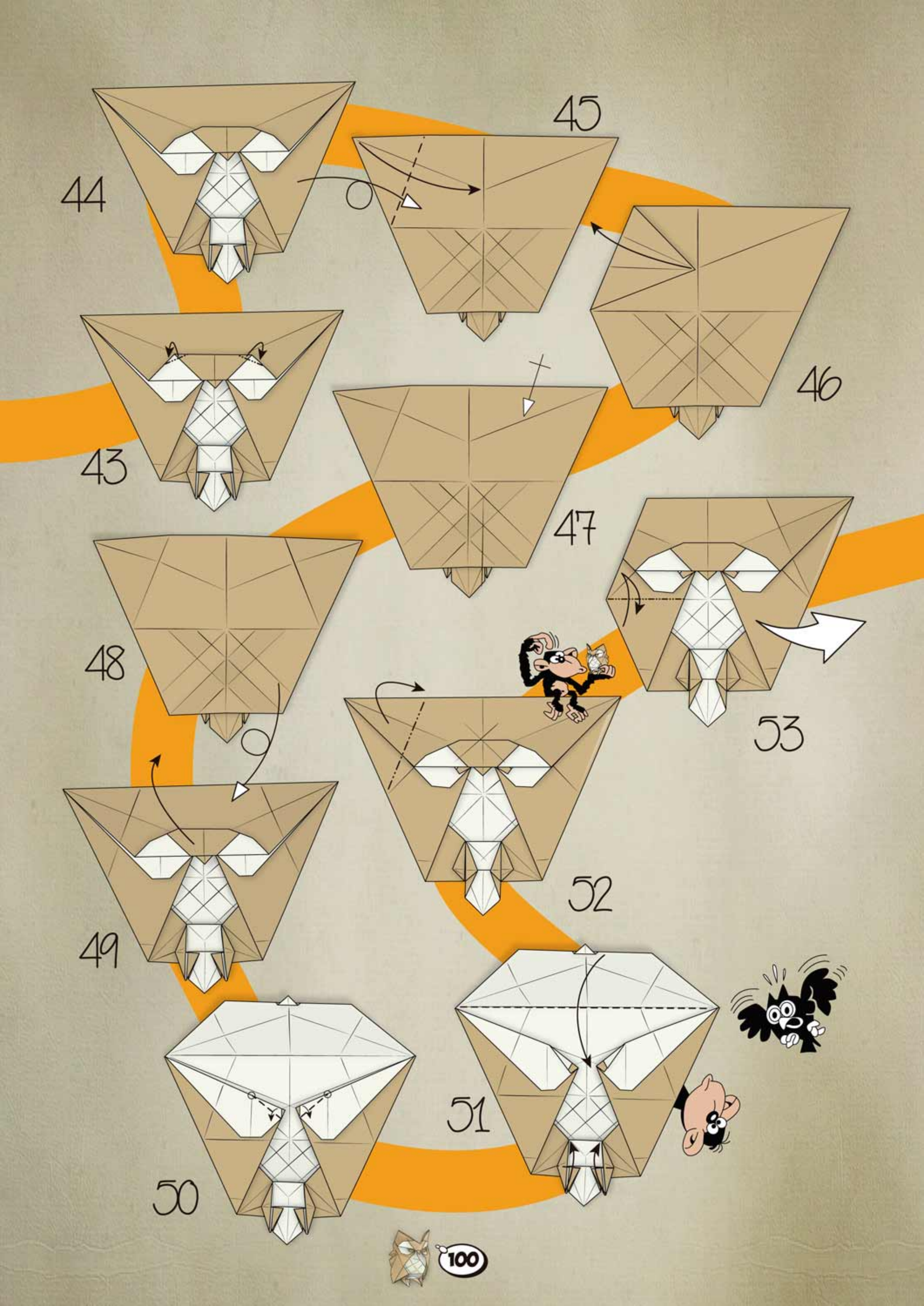


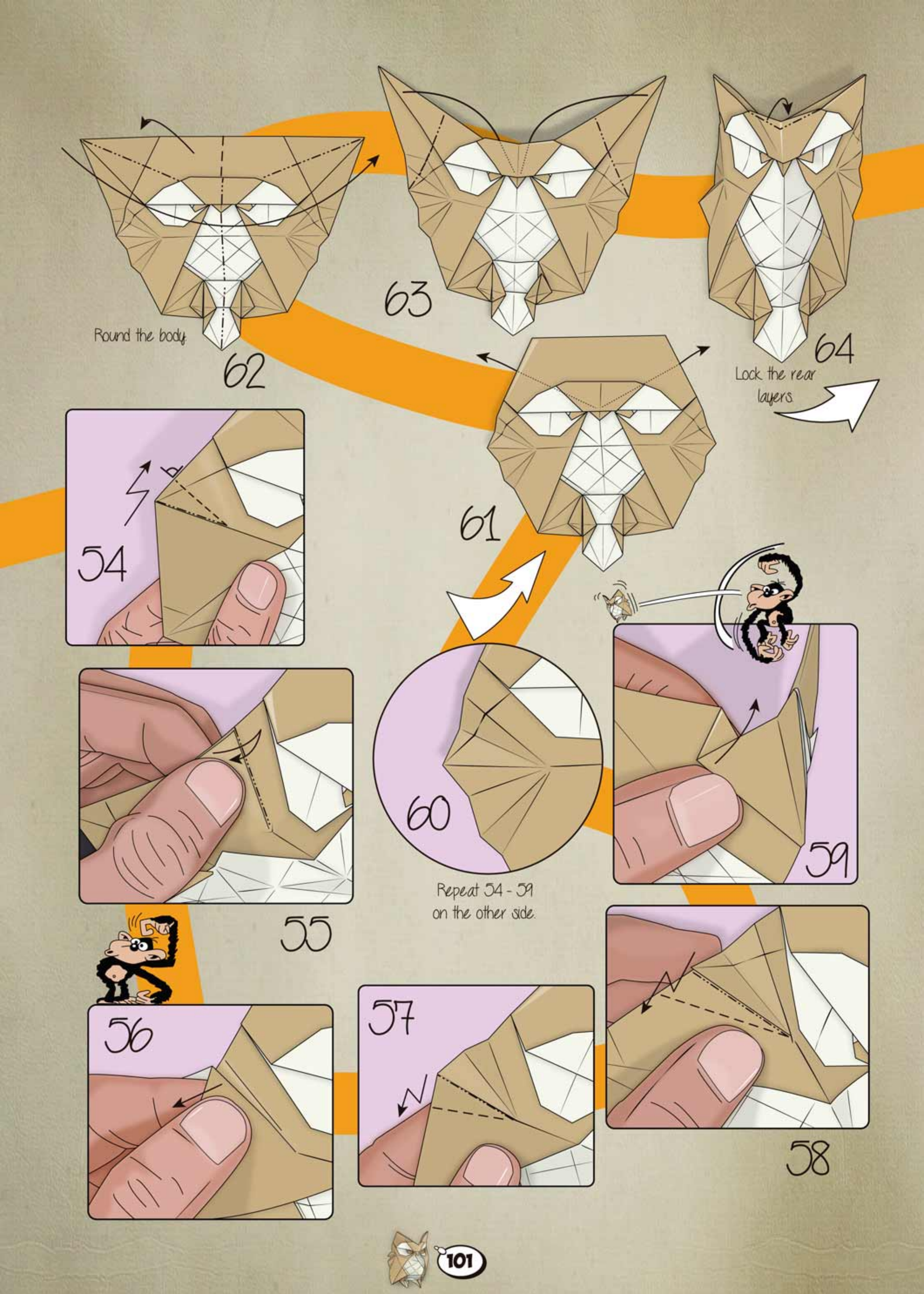
11

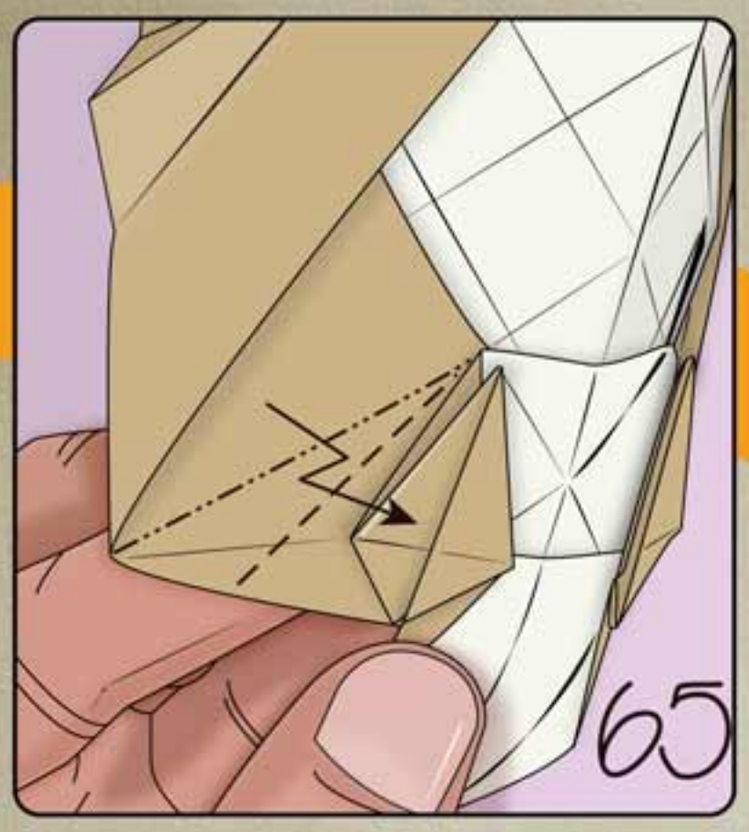

20
21
19
14-17
135º
22
18
a
a
a
16
15
Use "a" as the reference for the next step
17
Unfold
12
13
14

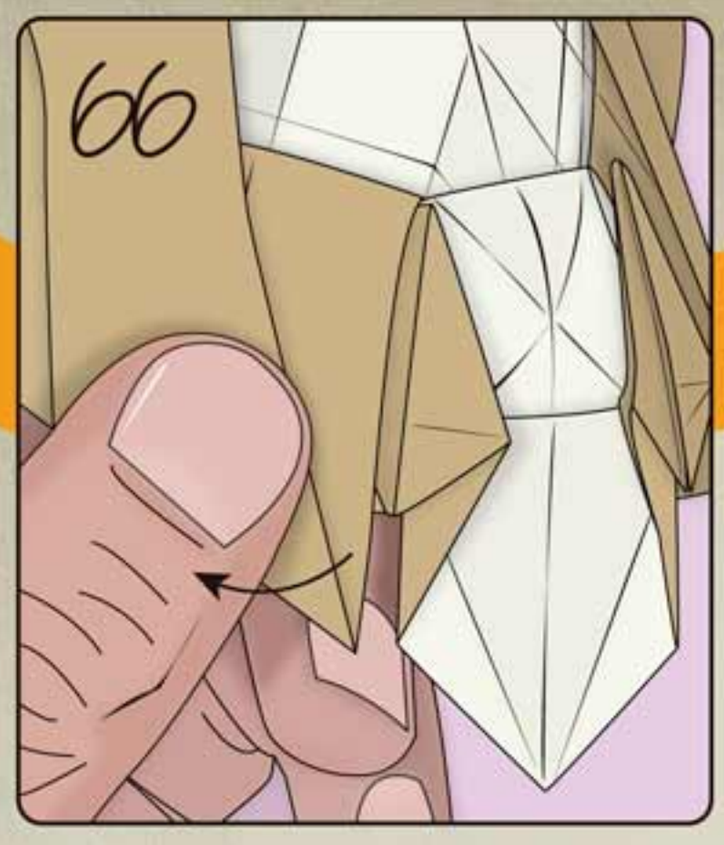

24
Swivel a hidden layer.
25
26
24-25
23
28
Reverse-folds
27
29
32
30
31
Squash-fold two layers to the left
and one to the right.

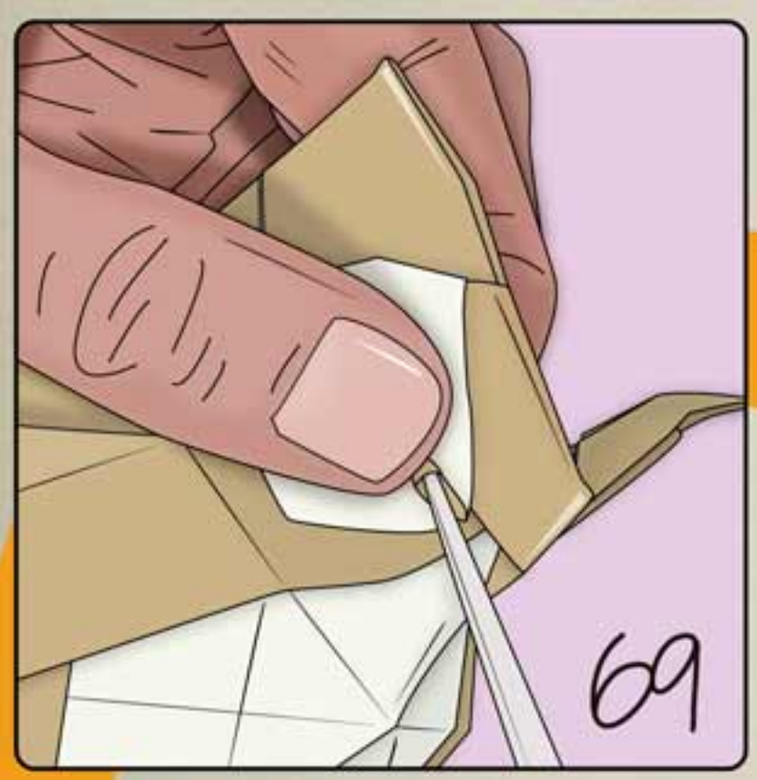

39
40
41
42
38
37
33
Petal-fold
36
30-33
34
35
99

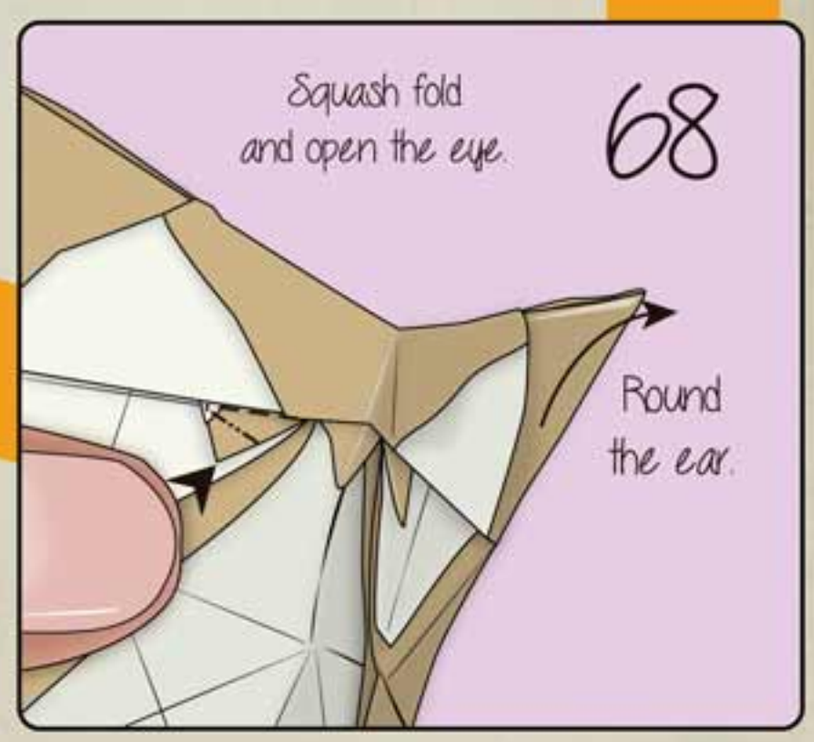

44
45
46
43
47
48
53
49
52
50
51
100

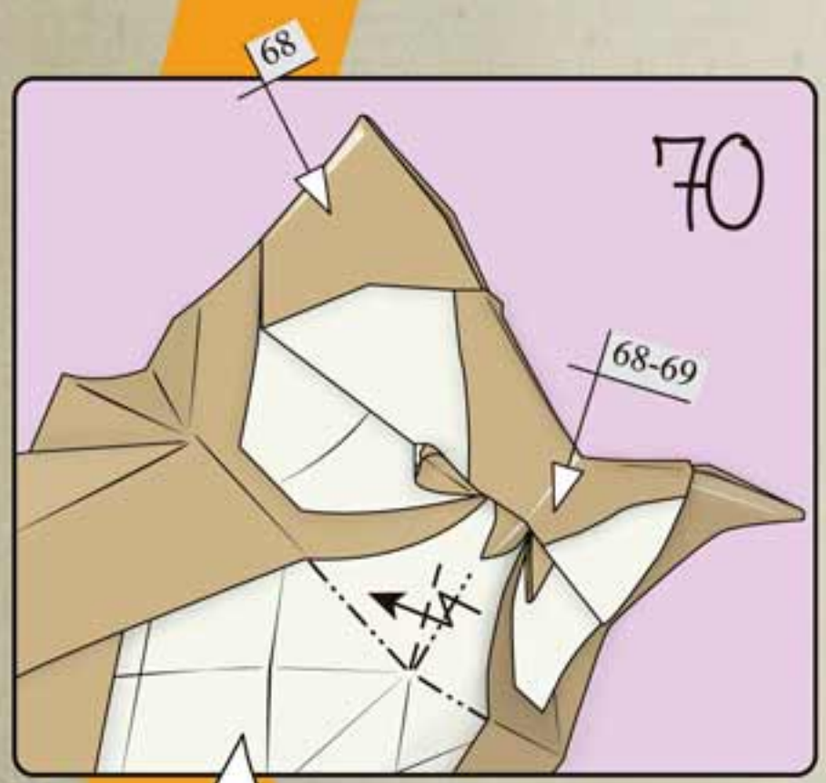

Round the body.
62
63
64
Lock the rear layers.
61
54
60
59
Repeat 54 - 59 on the other side.
55
56
57
58





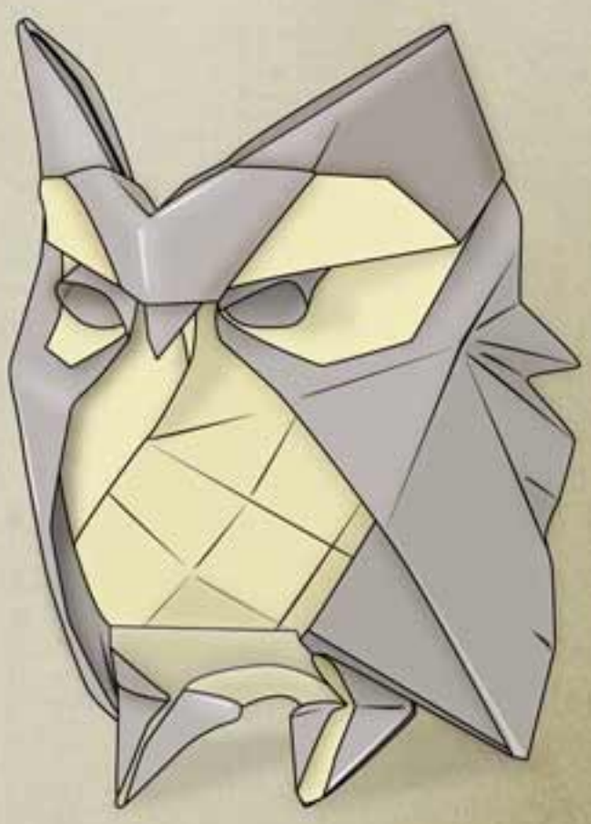






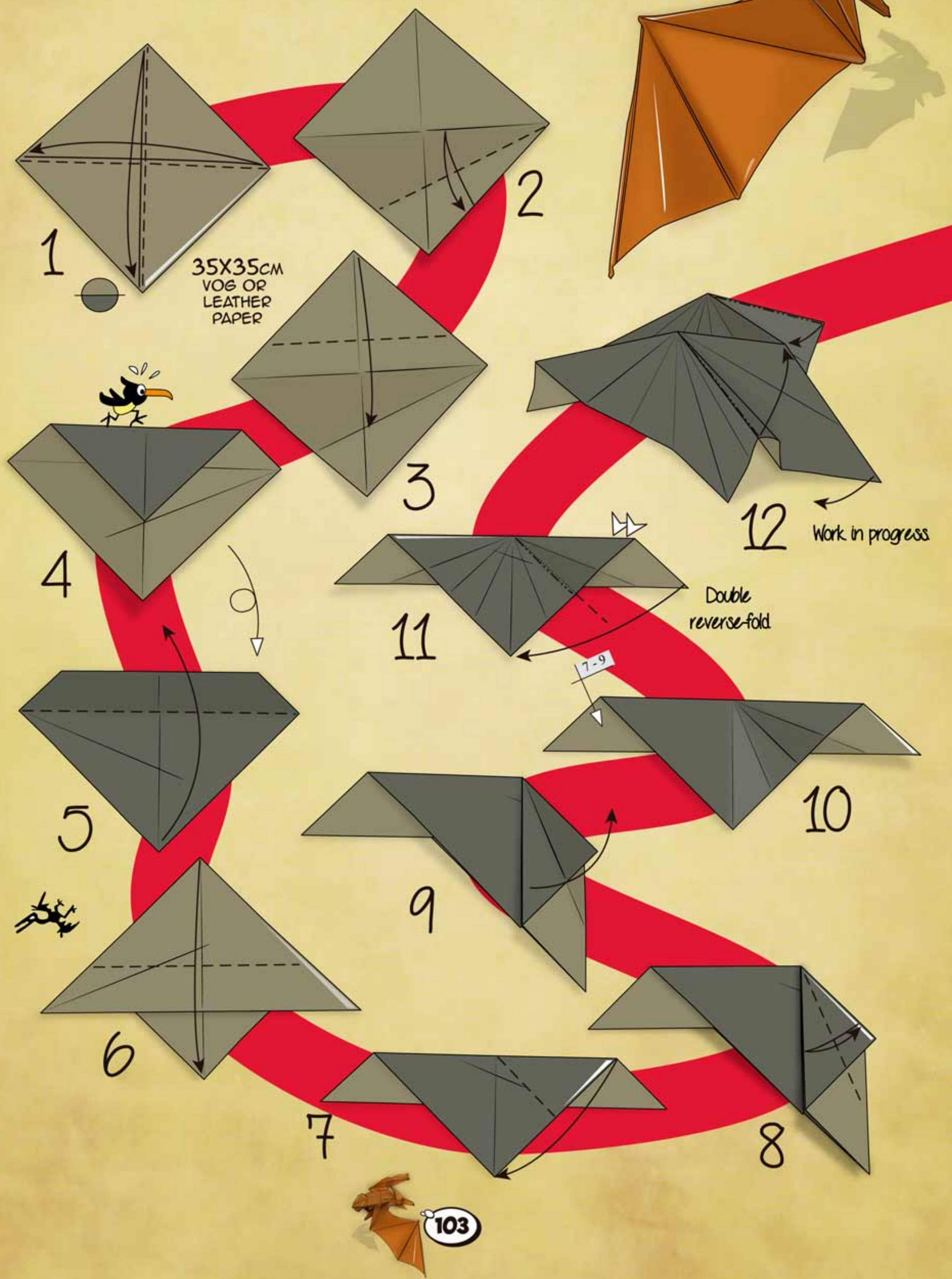
Fold a little
crimp to do volume
to the head.

Designer: Román Díaz
Photodiagrams and Symbols:
Pere Olivella
Diagrams: Halle 2014

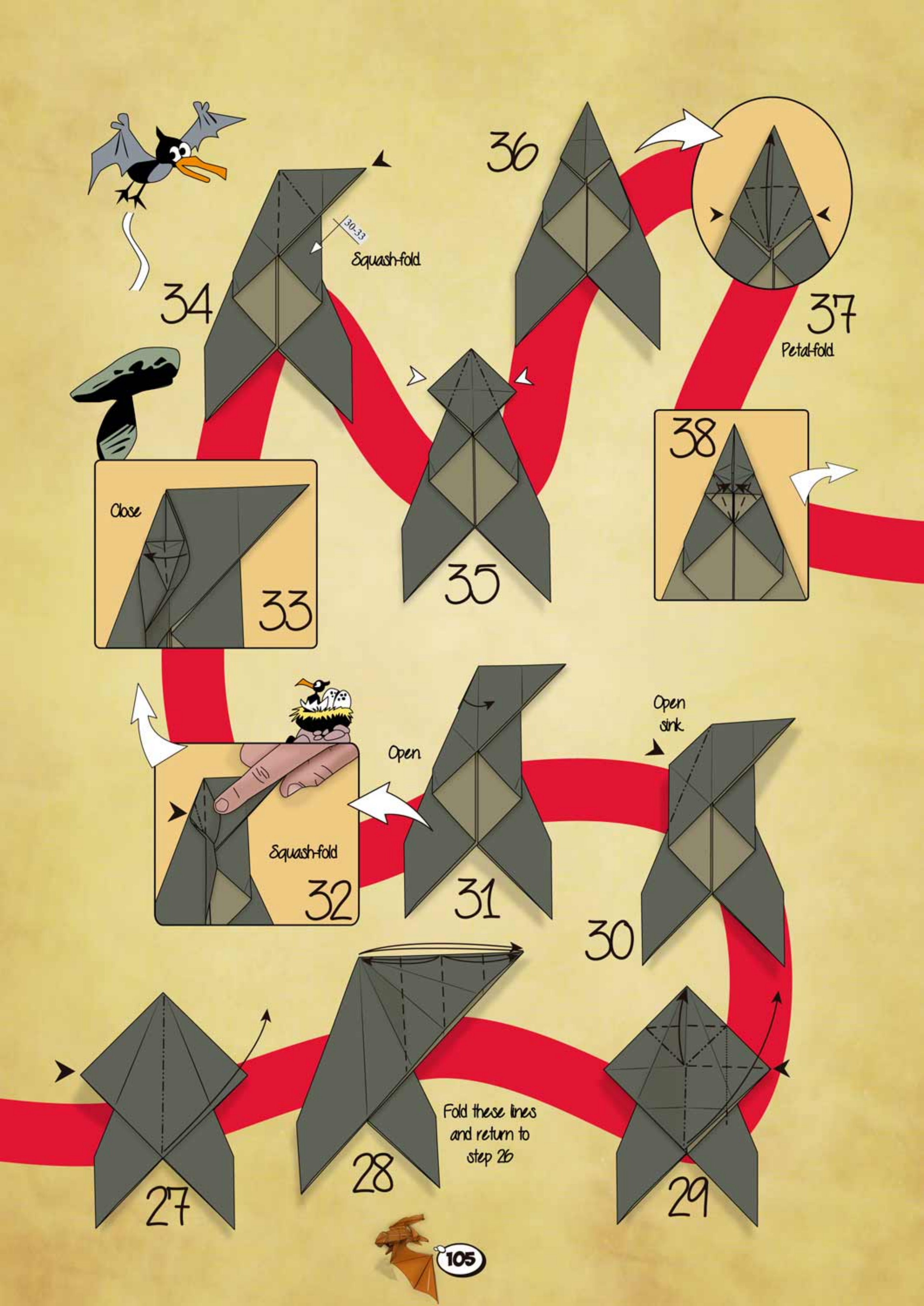


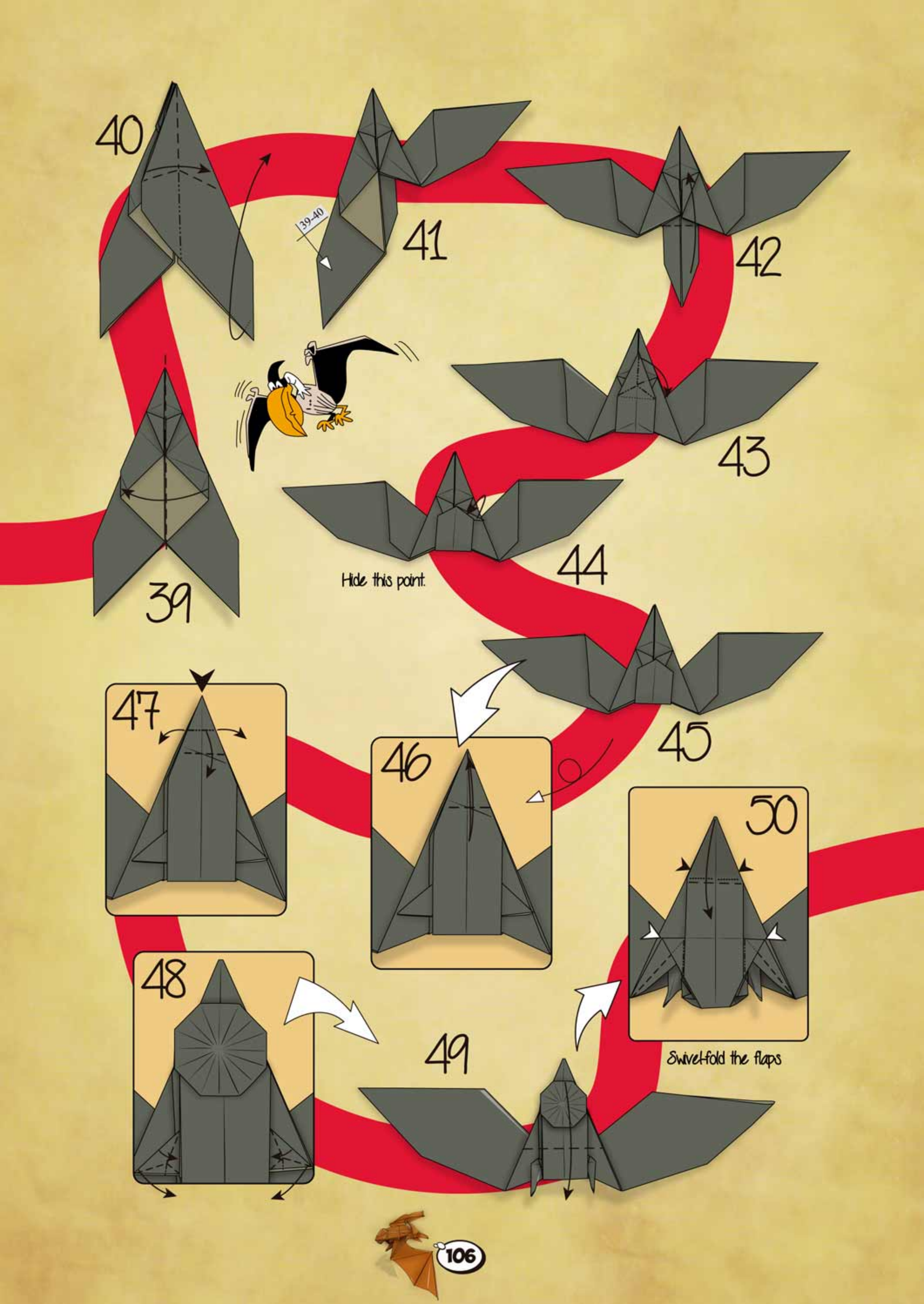
PTERANODON

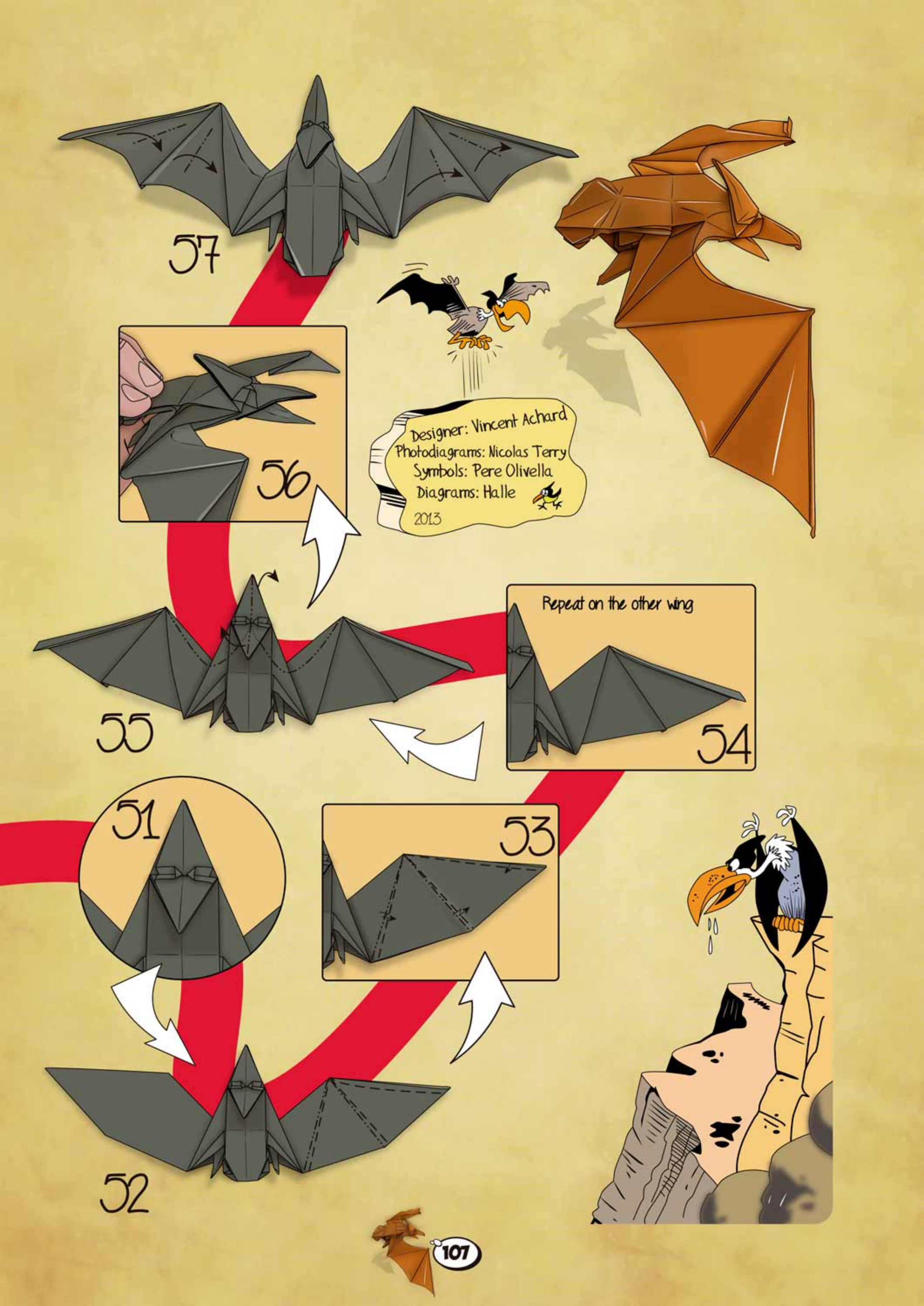
by Vincent Achard



Open sink
11-15
14
15
16
13
17
Squash fold
Open sink
18
20
19
Open sink
21
24
25
23-25
17-21
Open
Close
22
23
26
104


36
37
Petal-fold
38
34
30-33
Squash-fold
35
Close
33
Open
Open
sink
Squash-fold
32
31
30
27
28
Fold these lines
and return to
step 26
29

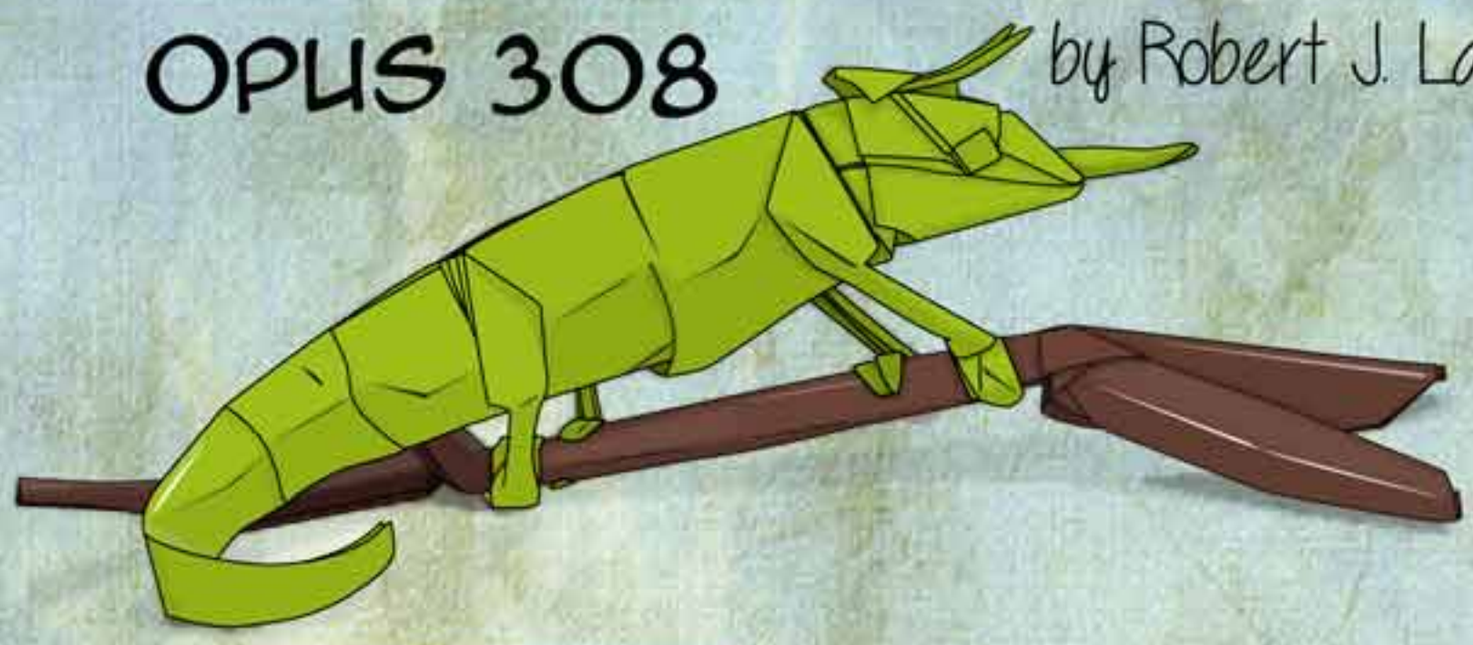

40
39-40
41
42
43
39
Hide this point.
44
45
47
46
50
48
49
Swivelfold the flaps
106

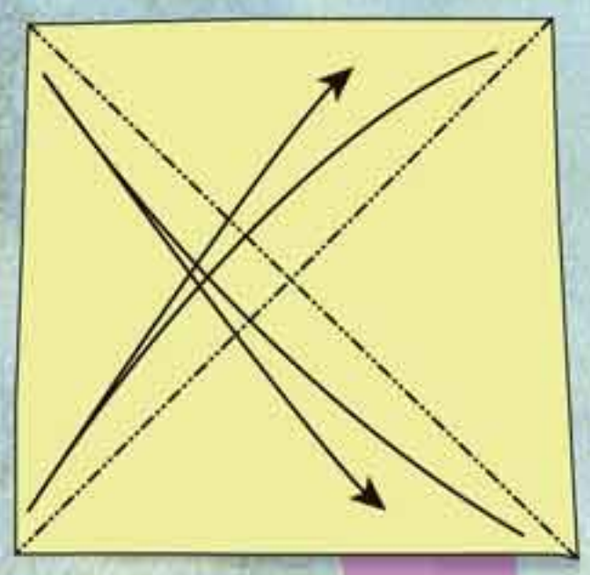

57
56
Designer: Vincent Achard
Photodiagrams: Nicolas Terry
Symbols: Pere Olivella
Diagrams: Halle
2013
55
Repeat on the other wing
54
51
53
52
107

JACKSON'S CHAMELEON

OPUS 308

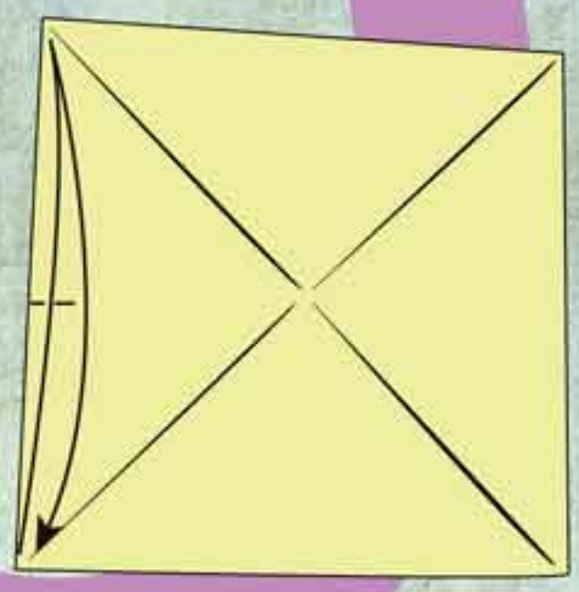
by Robert J. Lang



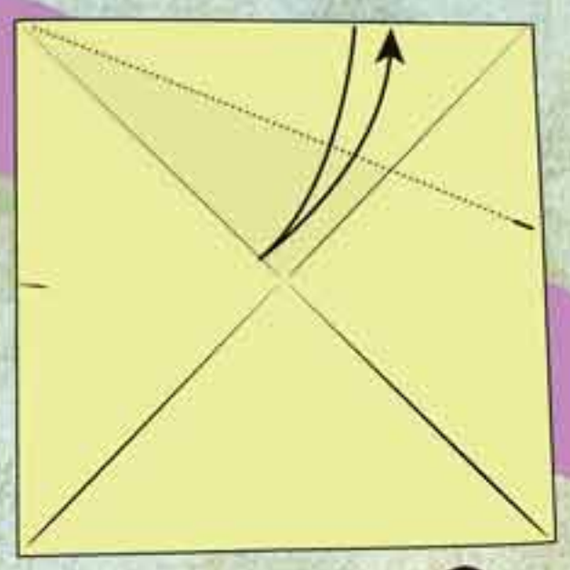


1

35x35cm

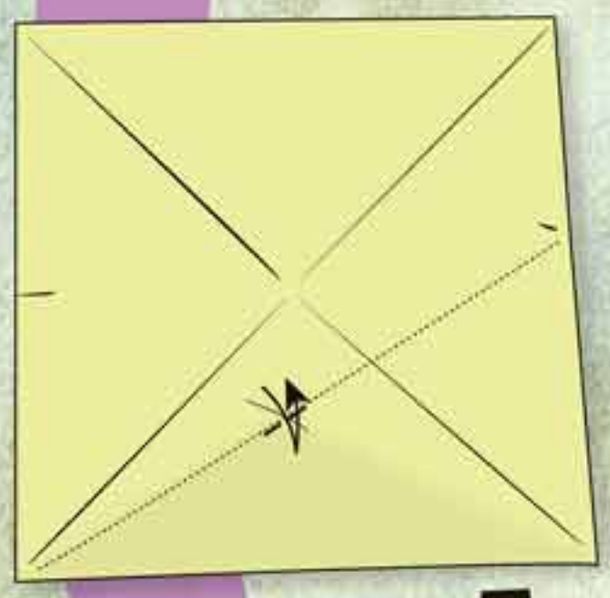


2

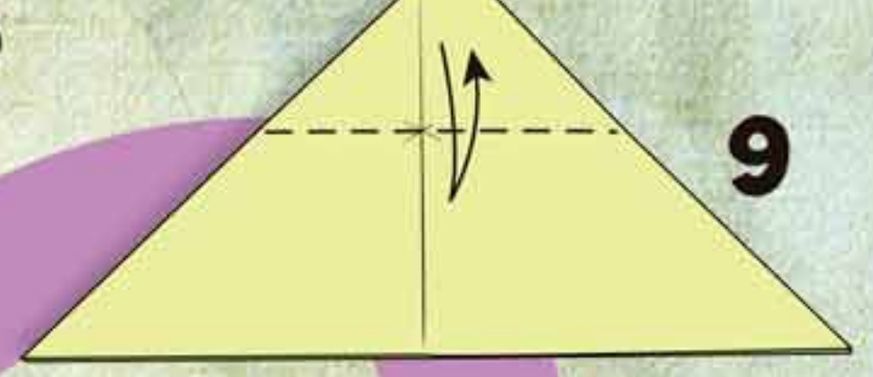


3

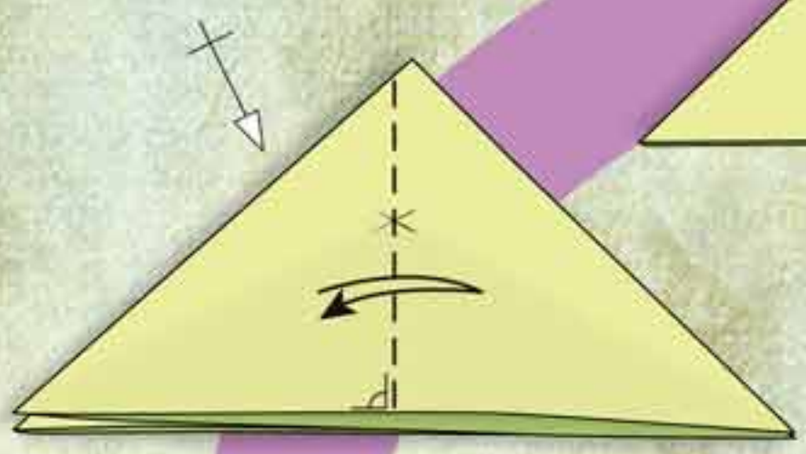
4



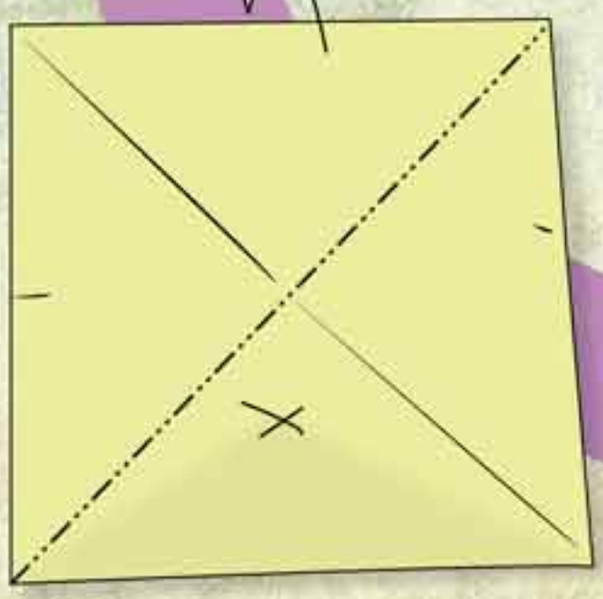
5



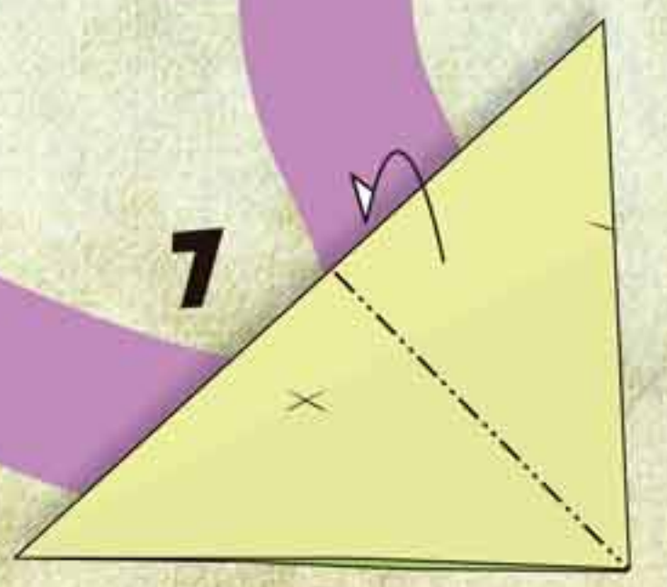
9



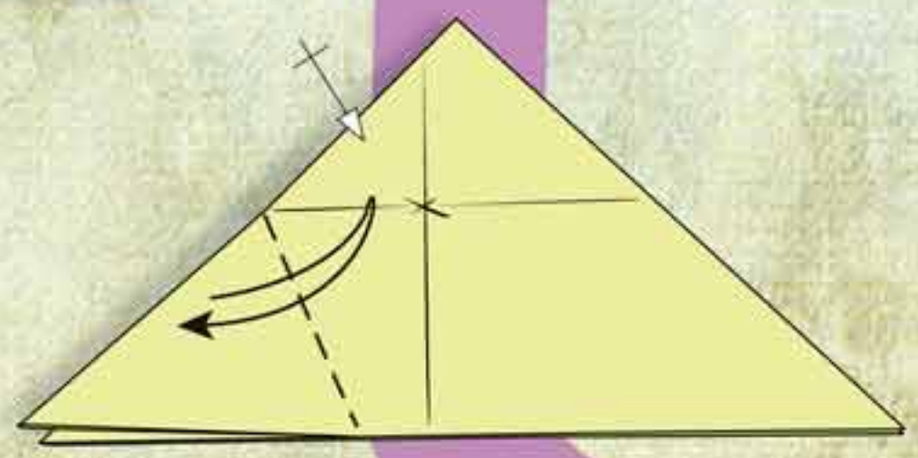
8



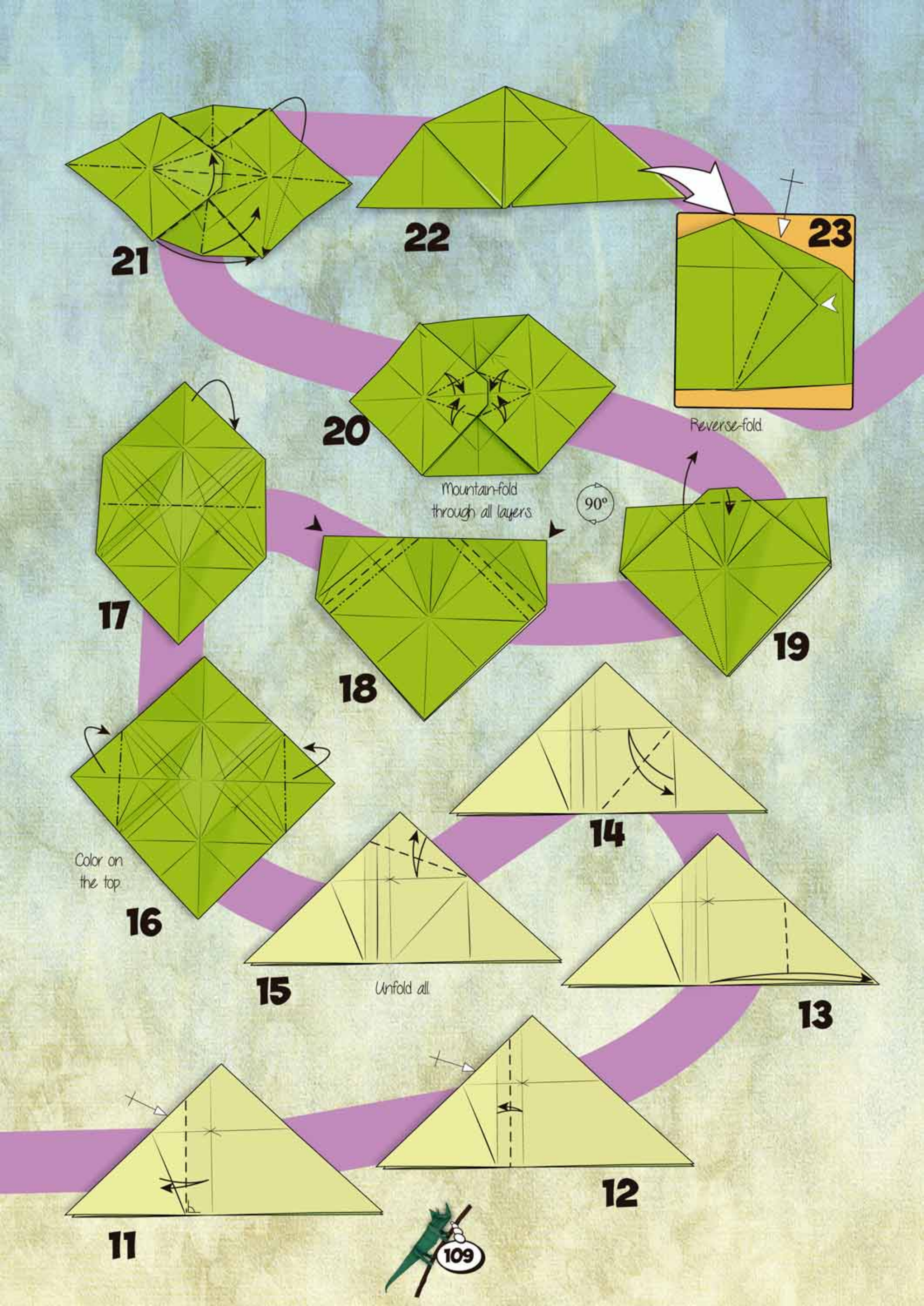
6

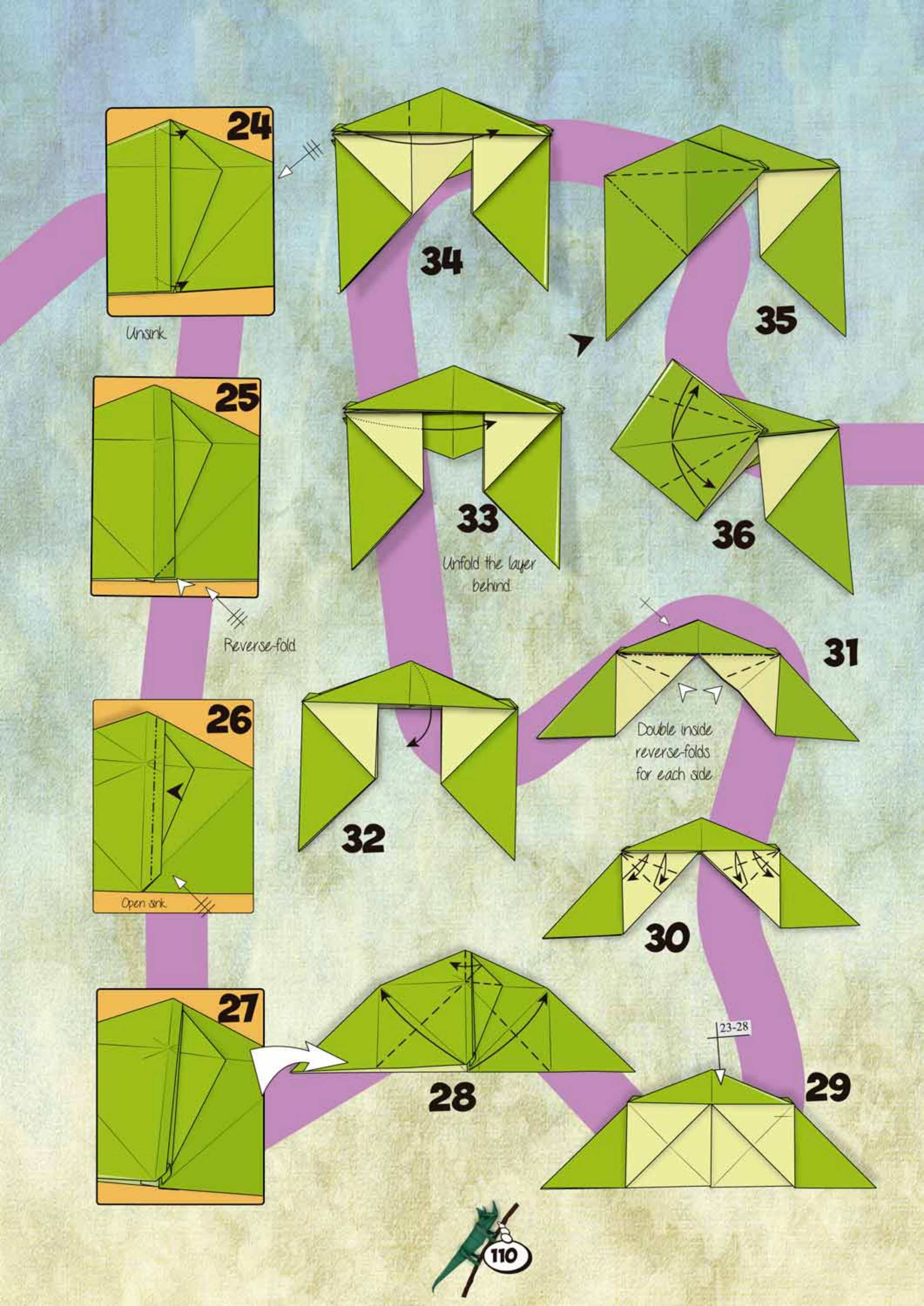


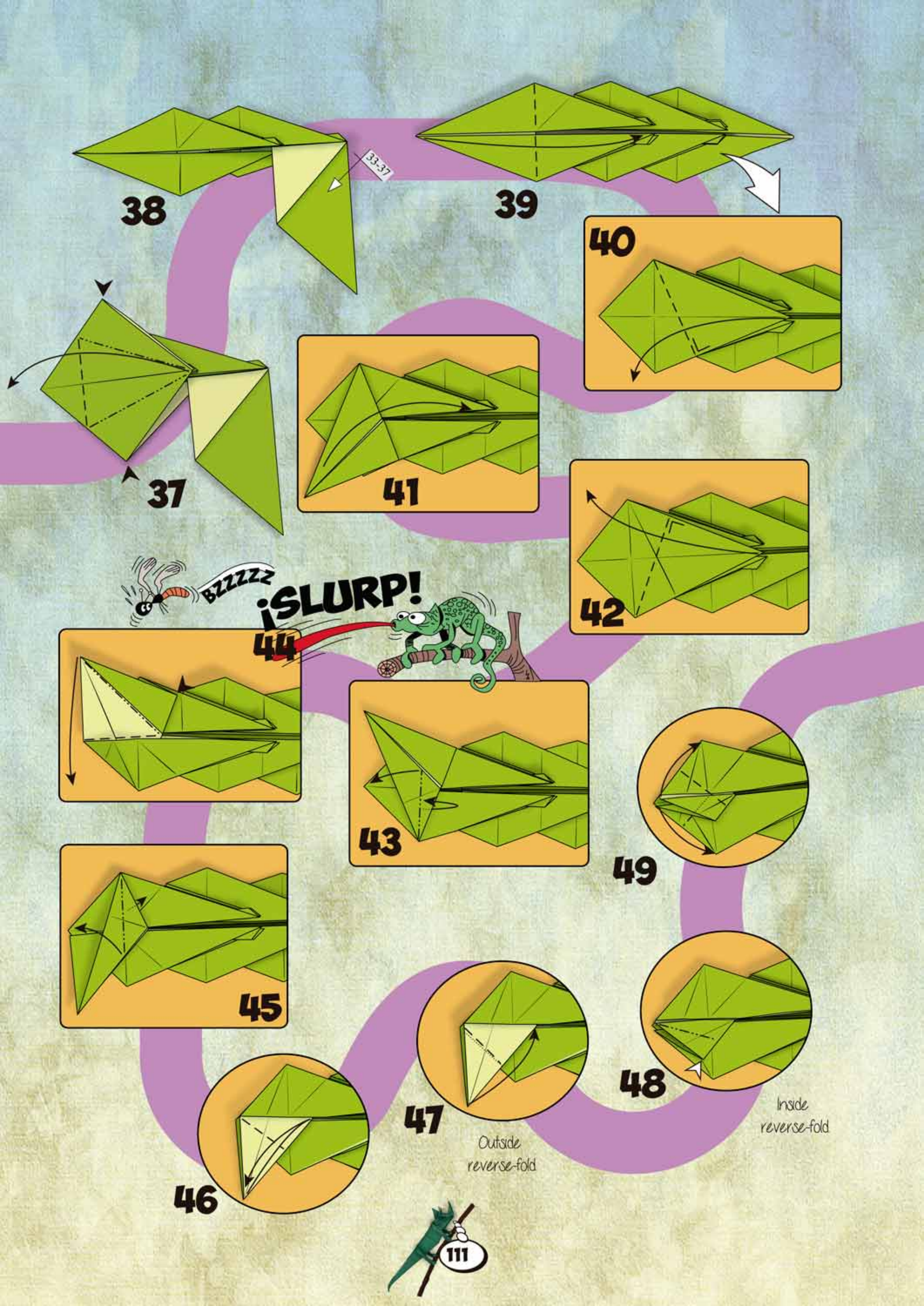
7

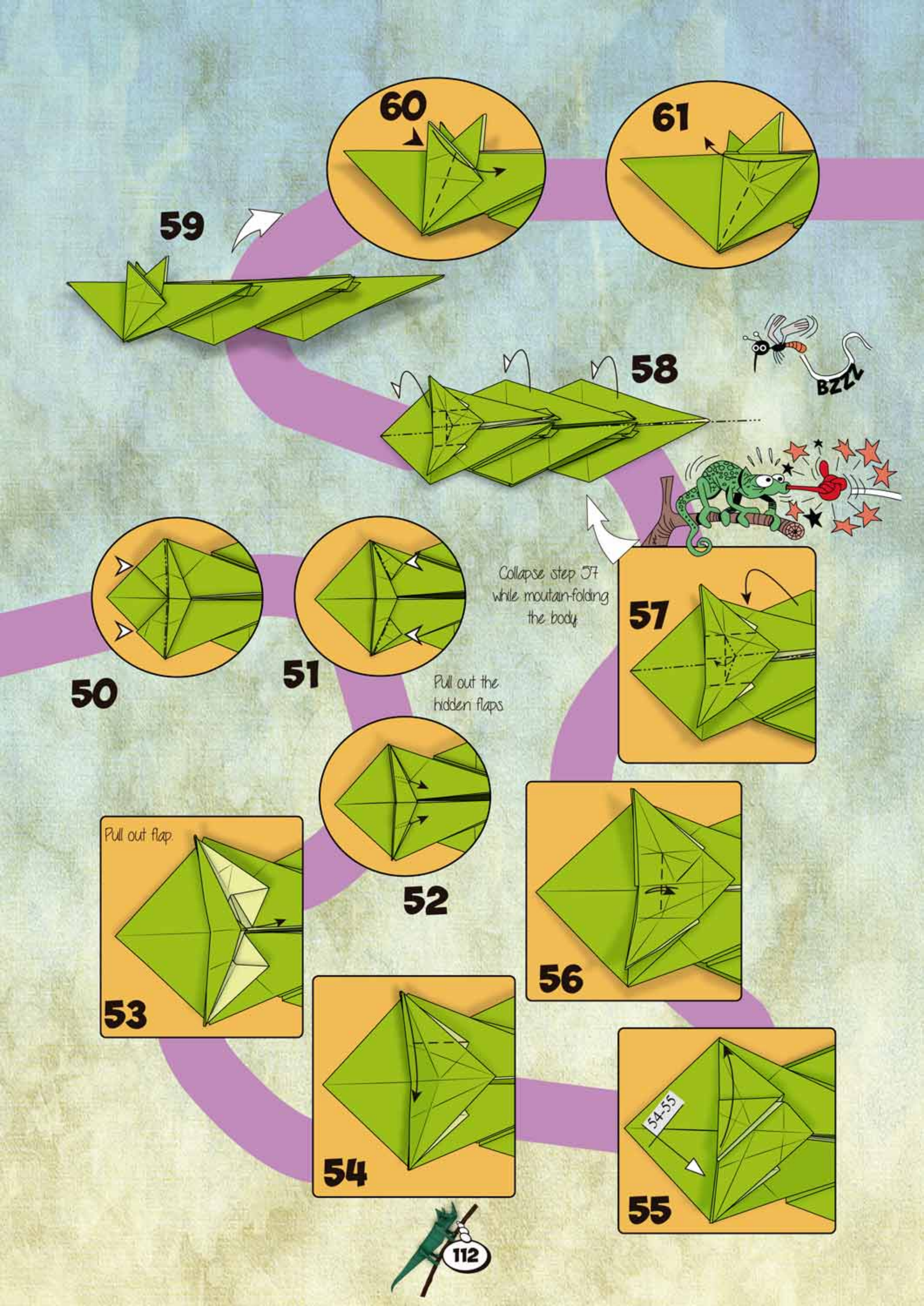


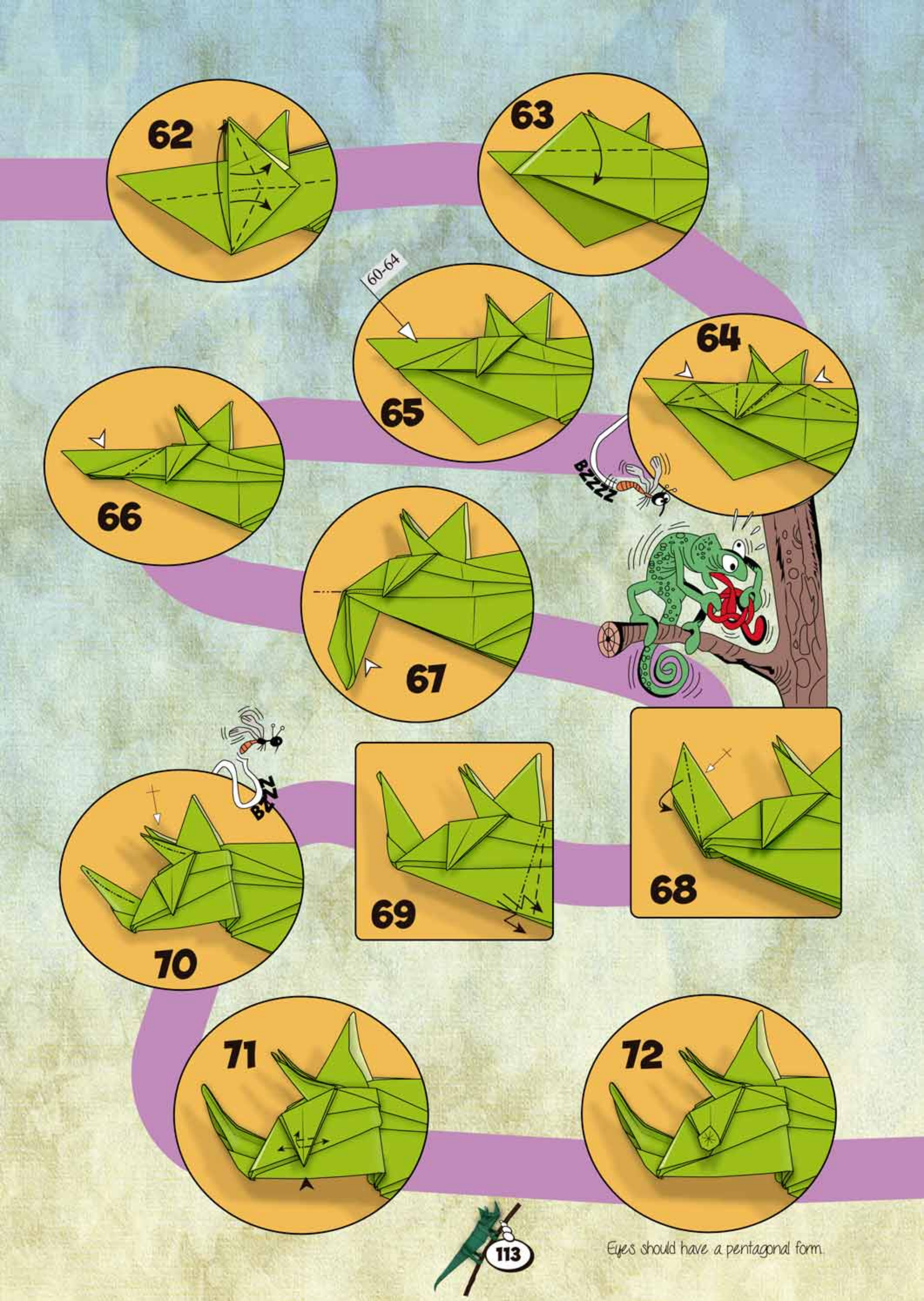
10


21
22
23
Reverse-fold
20
Mountain-fold
through all layers
90°
17
19
18
16
Color on
the top
14
15
Unfold all
13
12
11
109

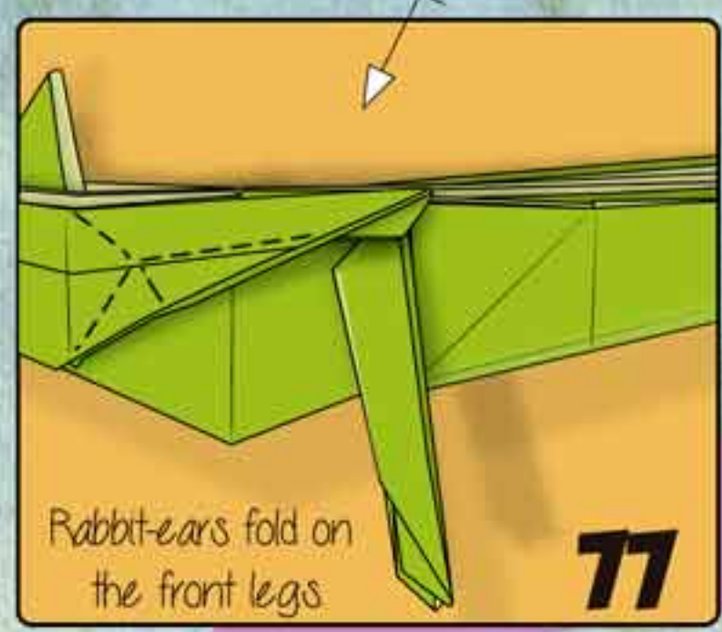

24
Unsink
34
35
25
33
Unfold the layer behind
36
Reverse-fold
31
26
32
Double inside reverse-folds for each side
Open sink
30
27
28
23-28
29

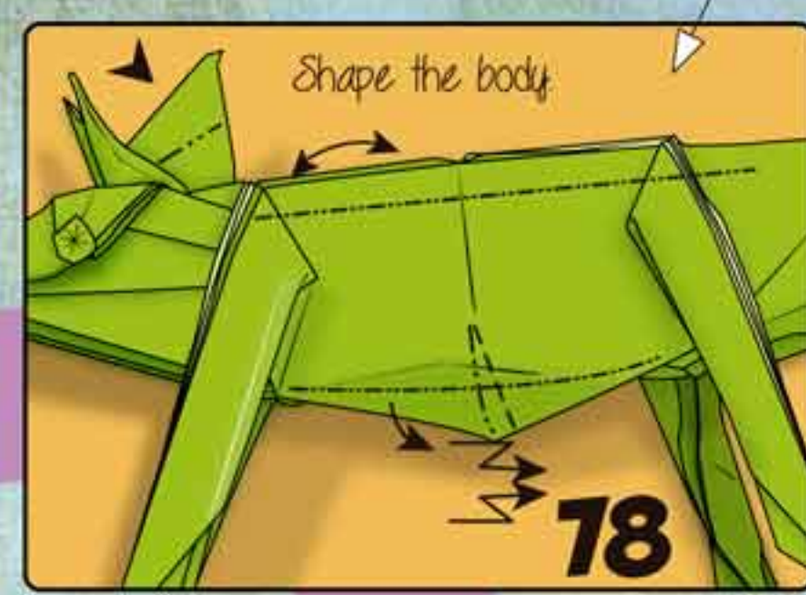

38
33-37
39
40
37
41
42
BZZZZZ
¡SLURP!
44
43
49
45
47
48
46
Outside reverse-fold
Inside reverse-fold

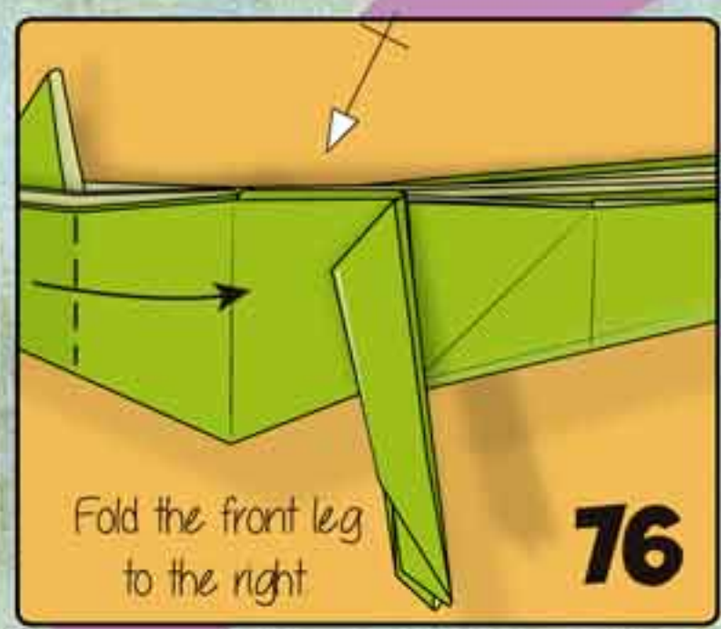

60
61
59
58
BZZZ
Collapse step 57 while moutain-folding the body
57
50
51
Pull out the hidden flaps
52
Pull out flap
53
56
54
54-55
55
112

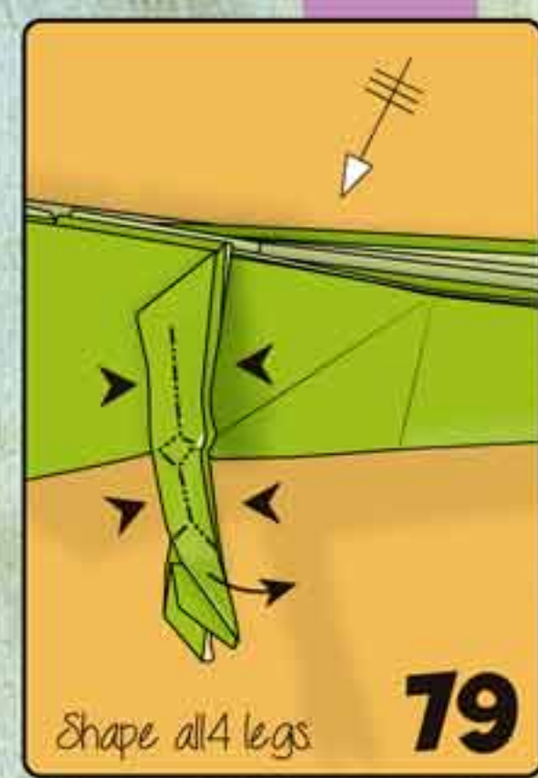


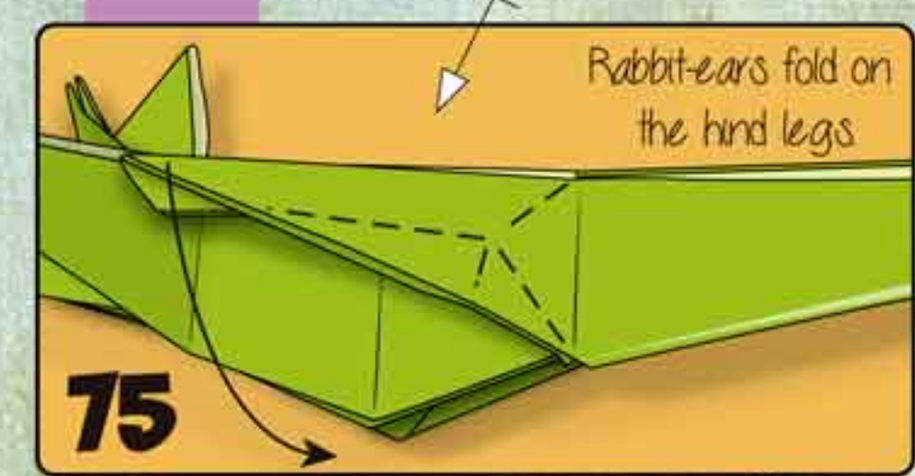
Eyes should have a pentagonal form.



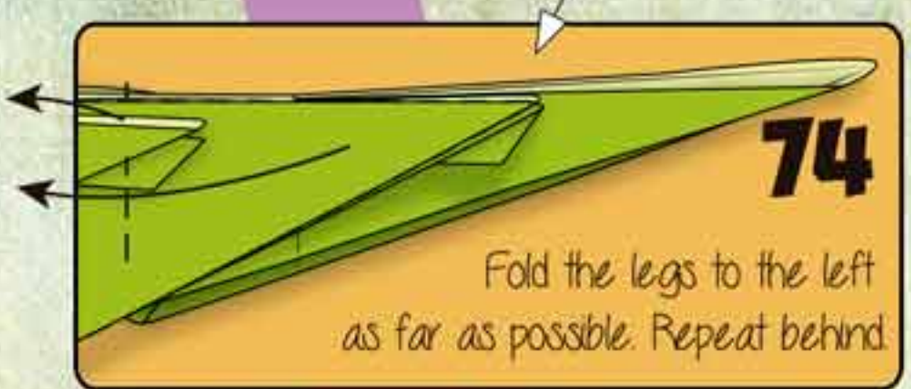


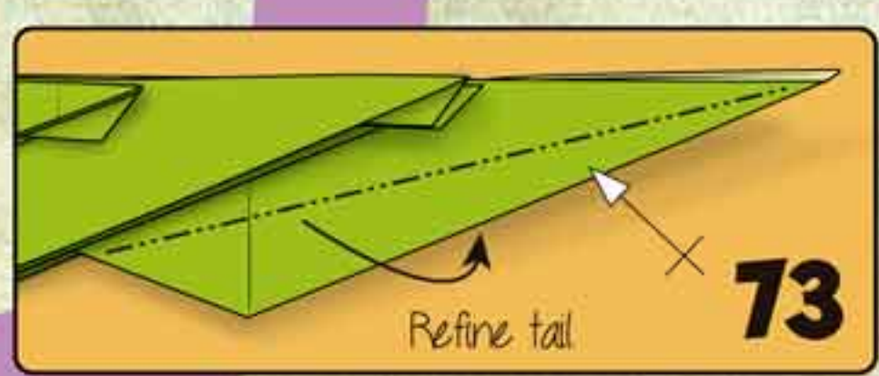


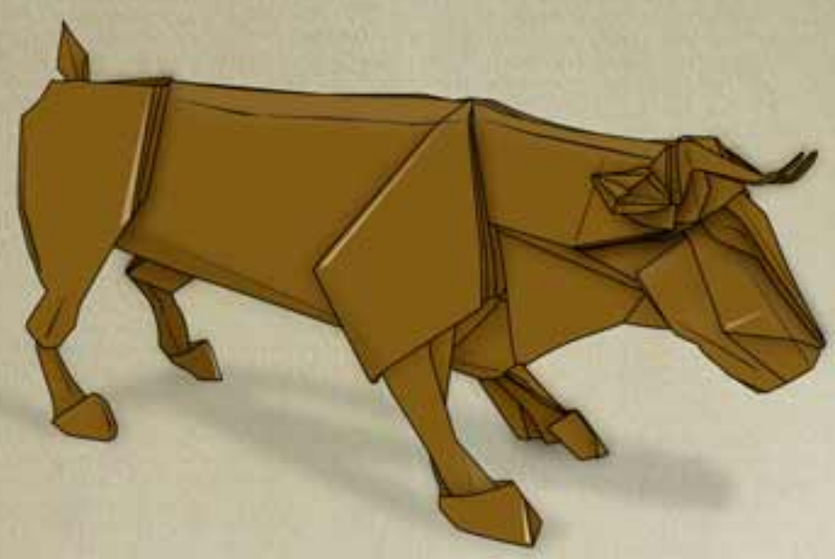




Design: Robert J. Lang
Photodiagrams: Pere Olivella
Diagrams: Halle
2013

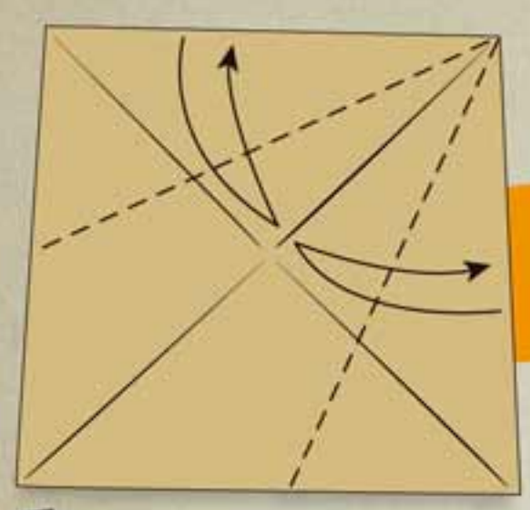






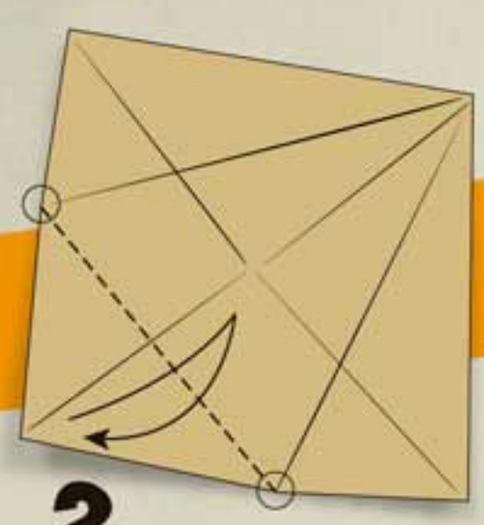
Bull

by Richard Ojeda Soto



1

24 X 24 CM
Tissue foil



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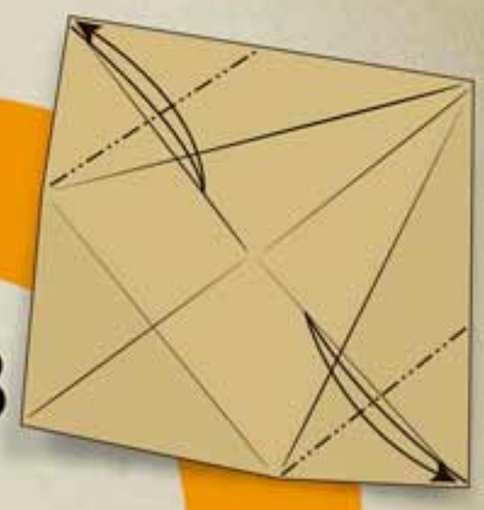

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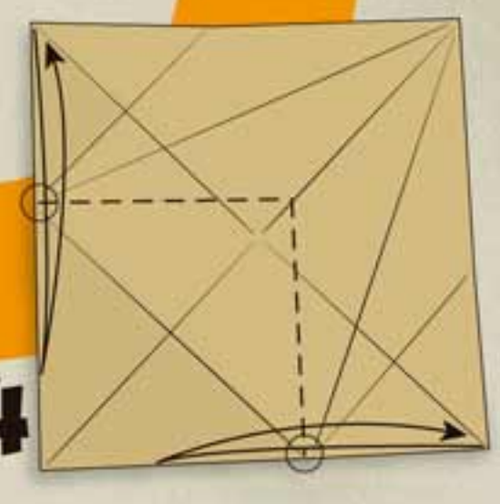

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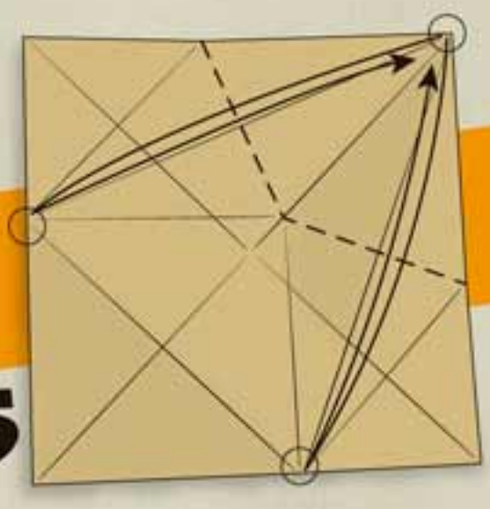

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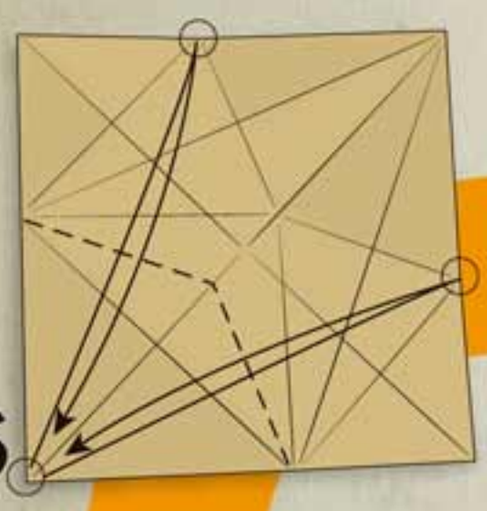

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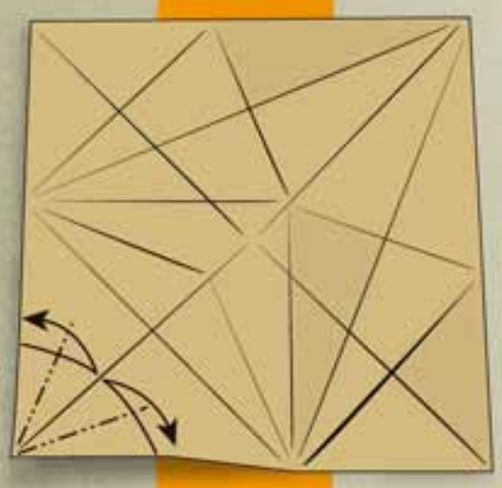

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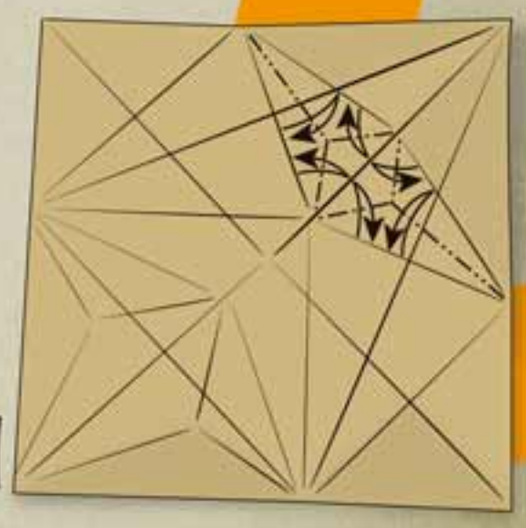
9

10

8



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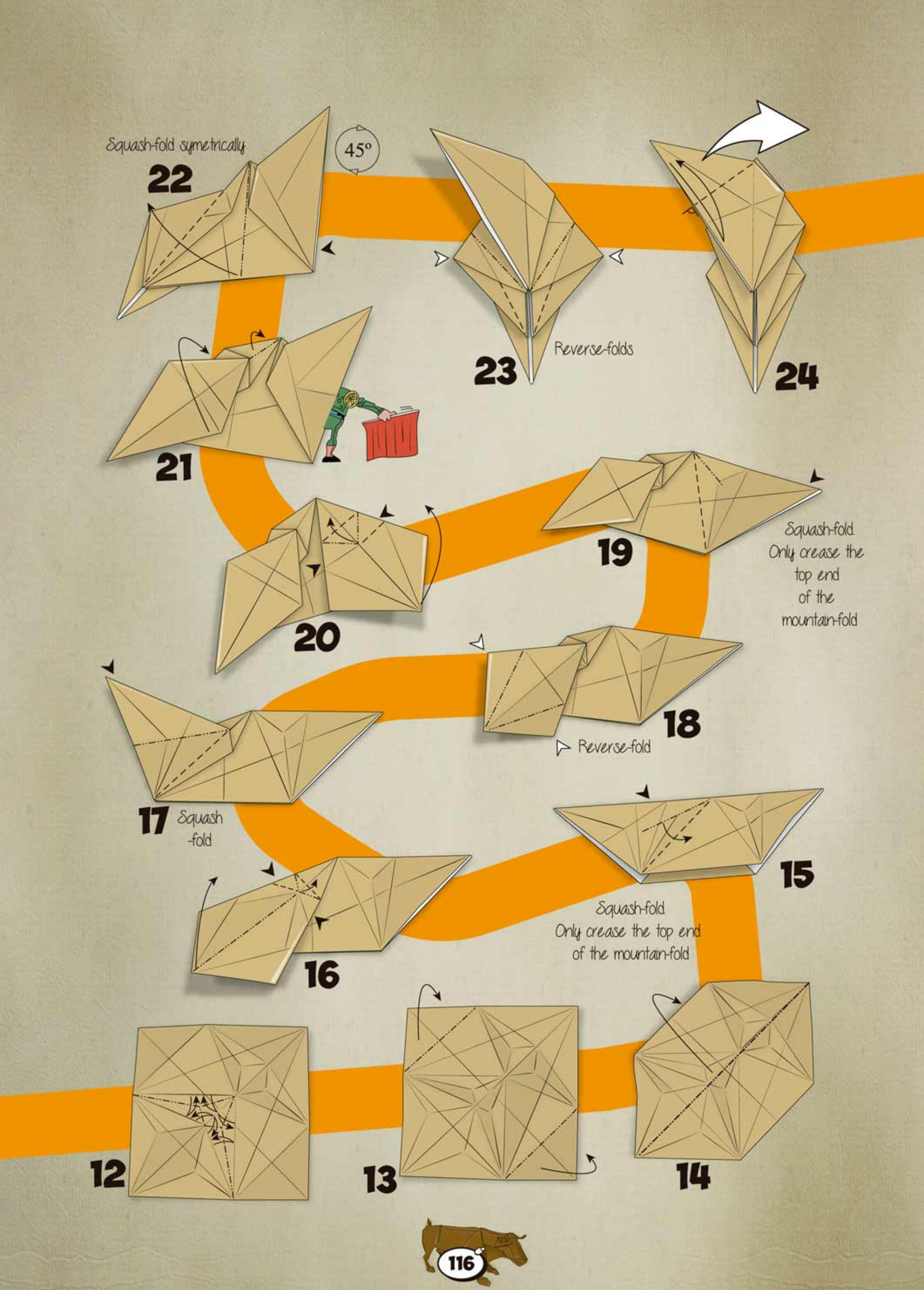
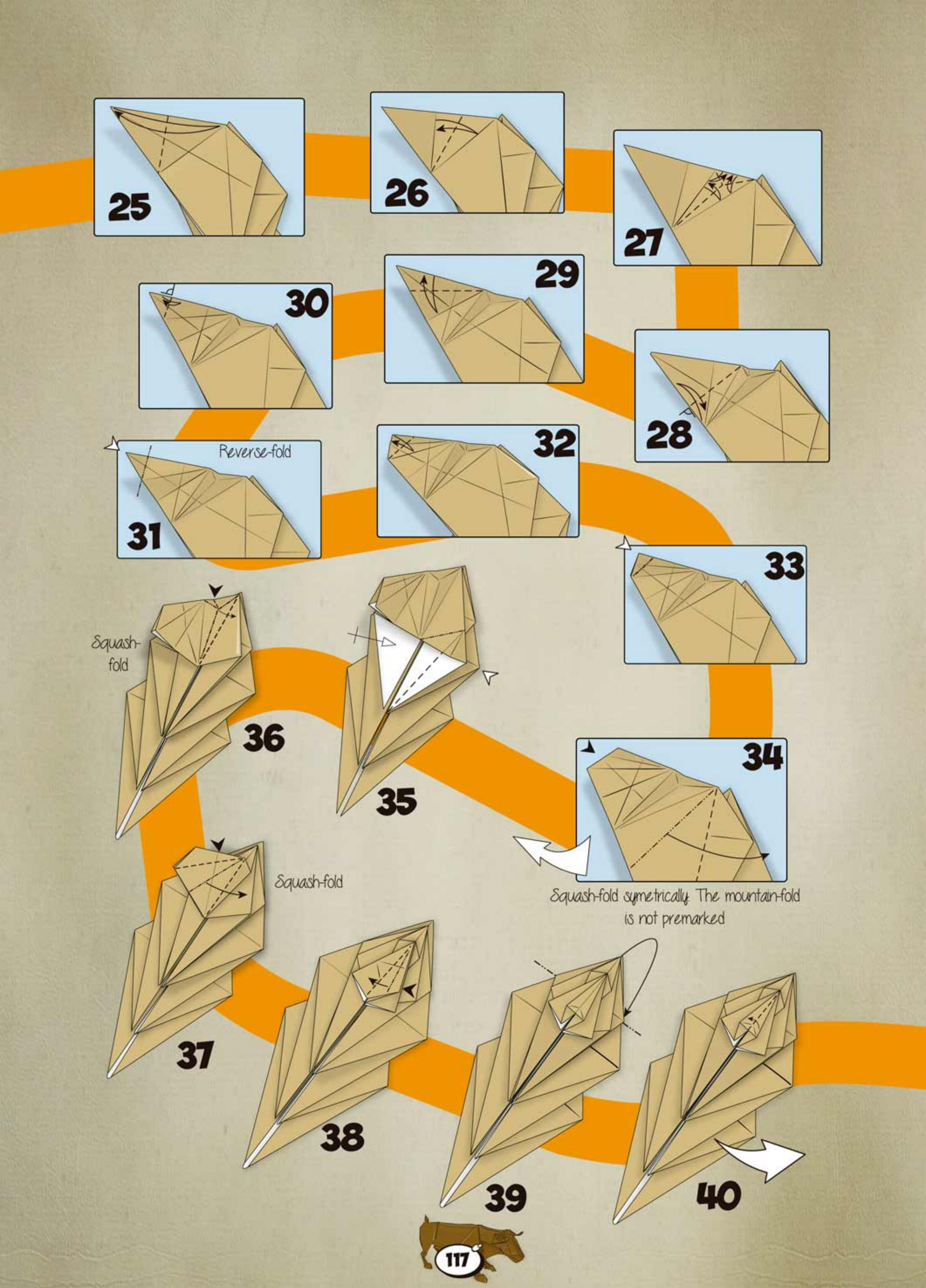
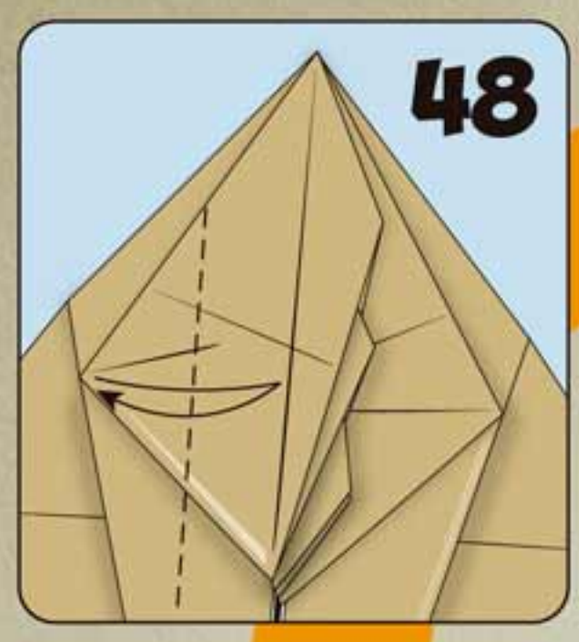
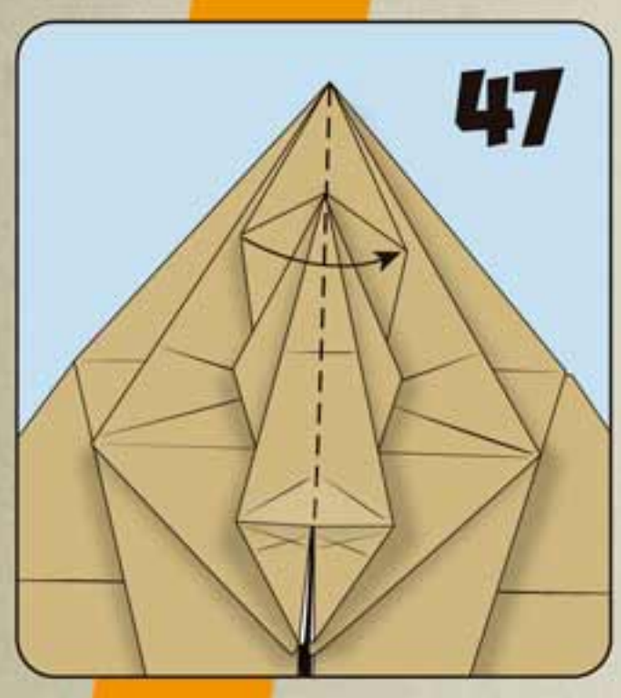

Squash-fold symetrically
22
45º
23
Reverse-folds
24
21
19
Squash-fold
Only crease the
top end
of the
mountain-fold
20
18
Reverse-fold
17
Squash
-fold
15
Squash-fold
Only crease the top end
of the mountain-fold
16
12
13
14


25
26
27
28
29
30
Reverse-fold
31
32
33
34
Squash-fold symetrically. The mountain-fold is not premarked
35
36
Squash-fold
37
Squash-fold
38
39
40


48

Open sink
49

Closed sink
50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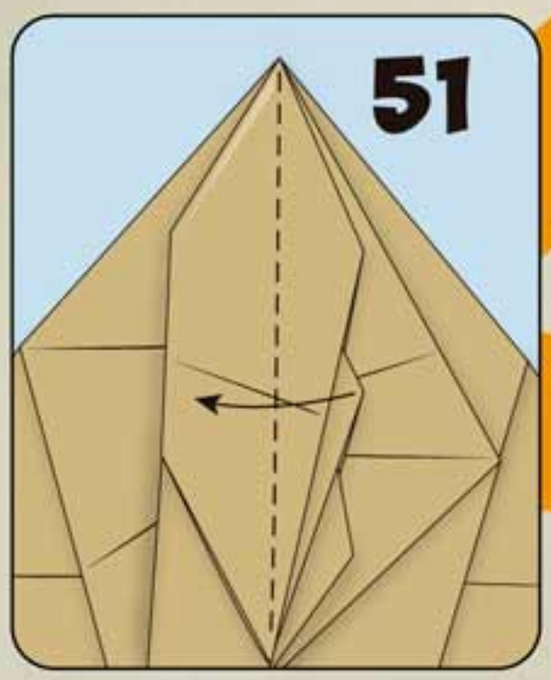
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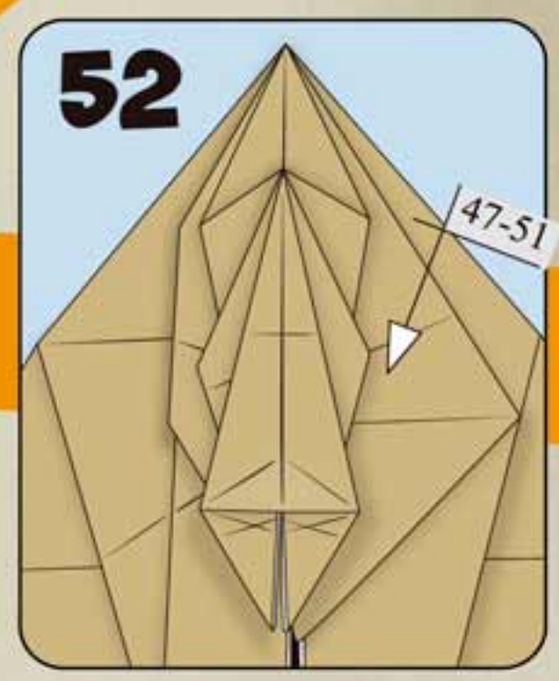
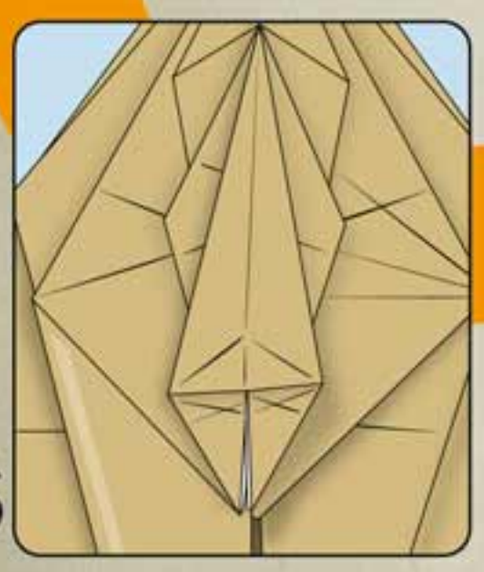

52
47-51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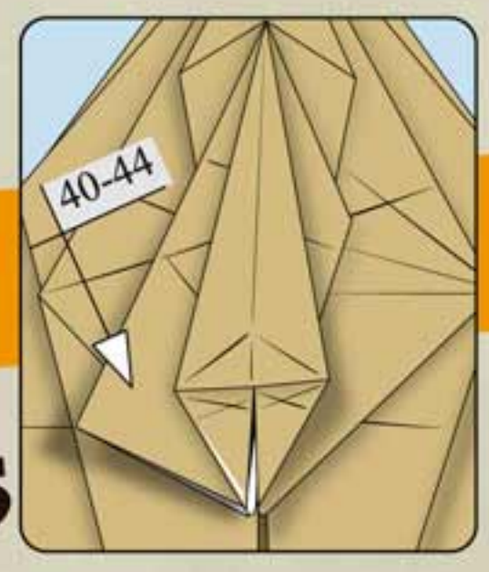
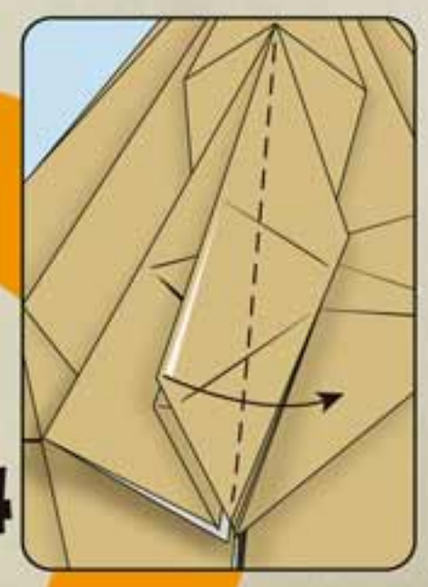

40-44
45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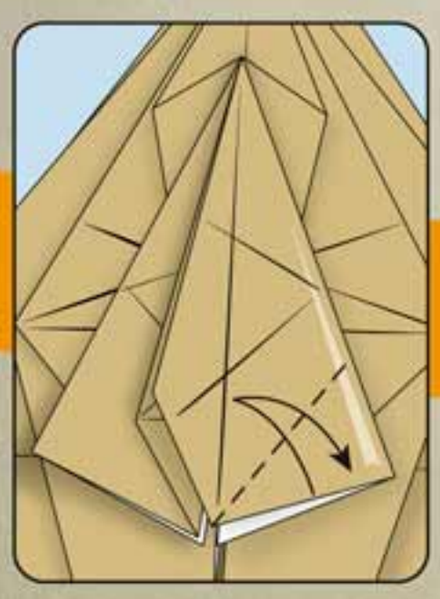
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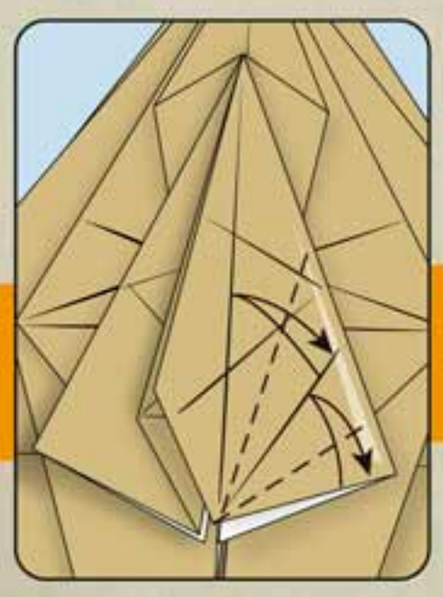
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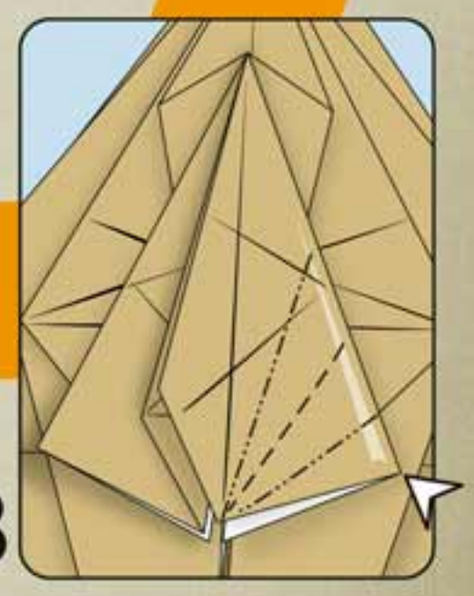
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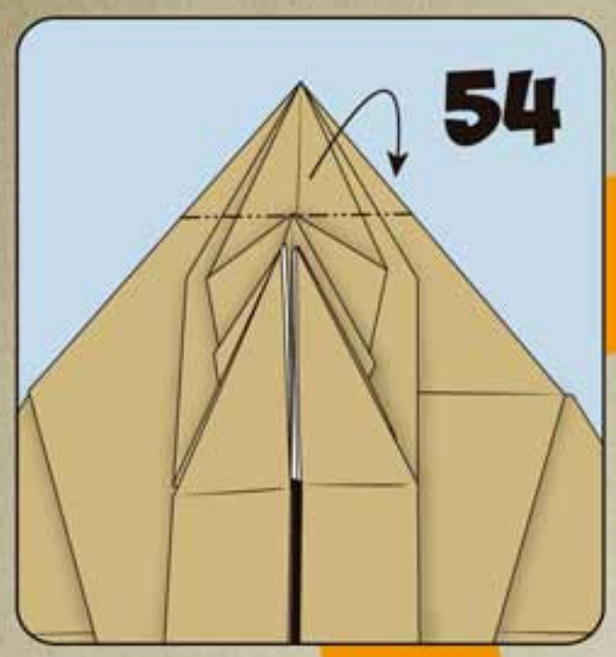
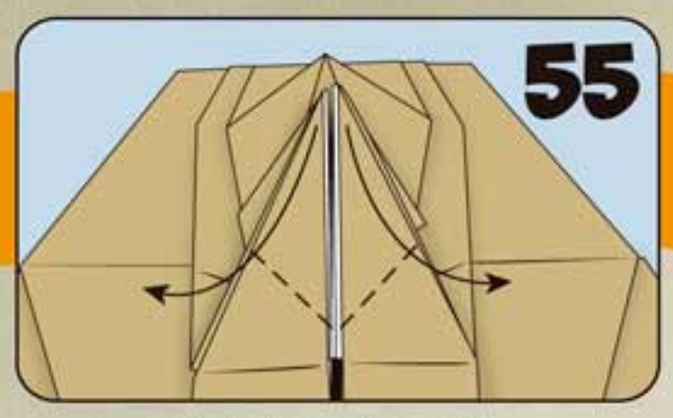
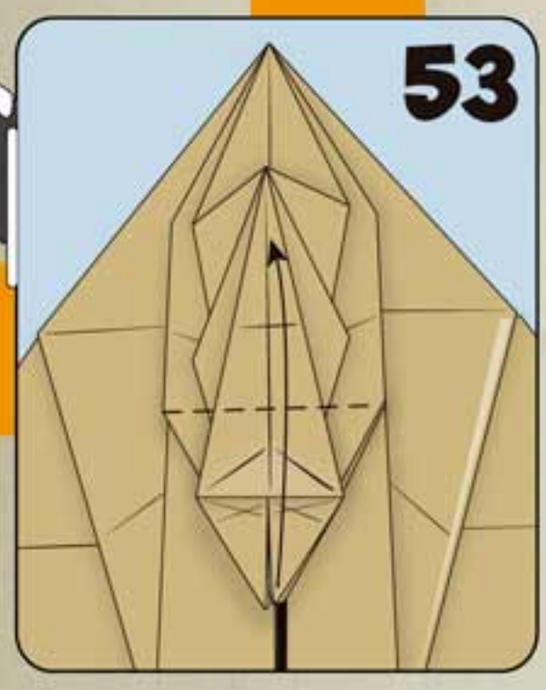
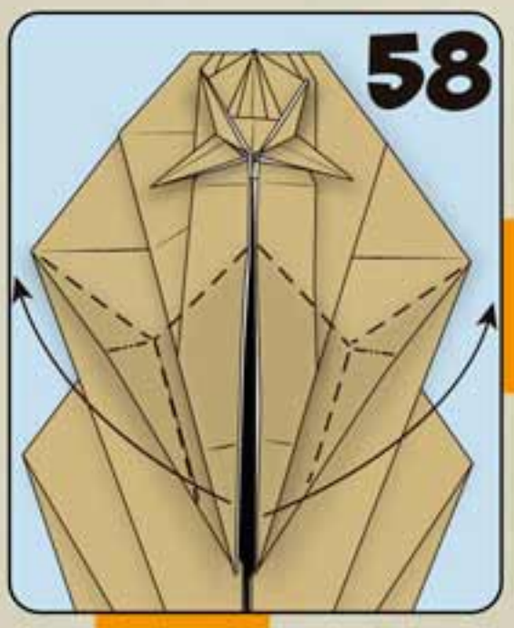
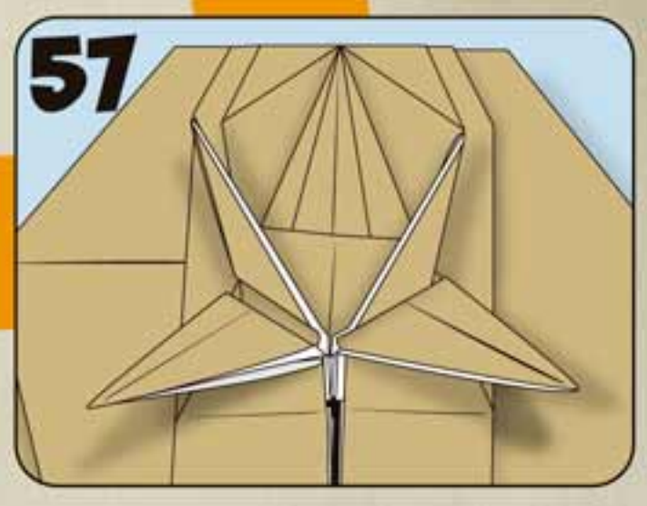


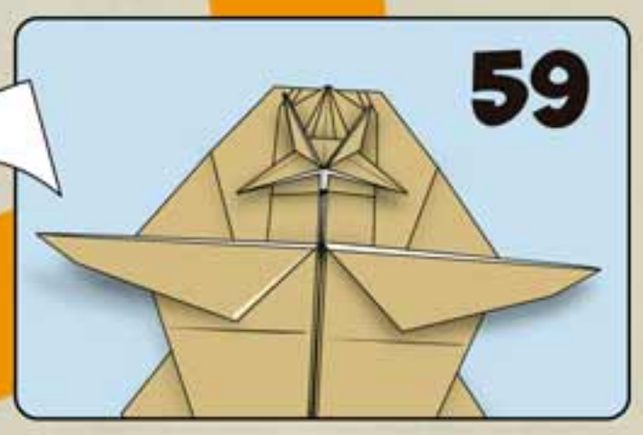


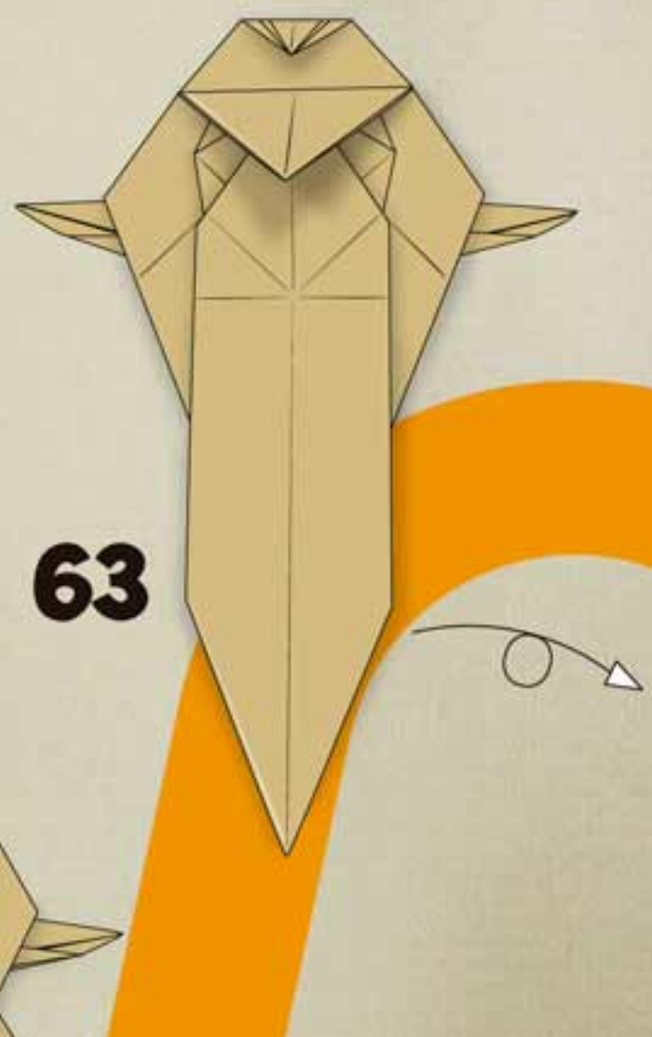
Fold down two points



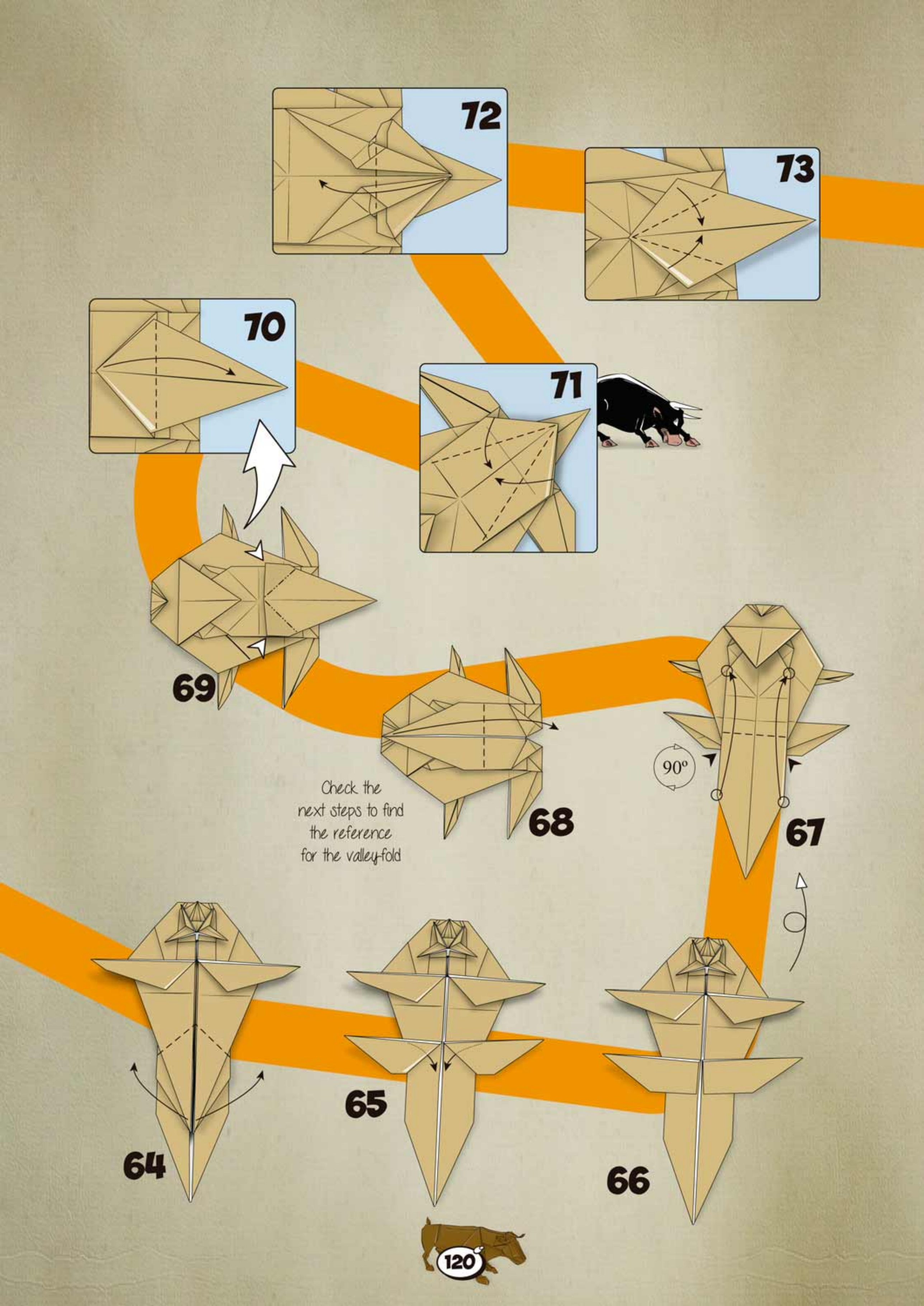


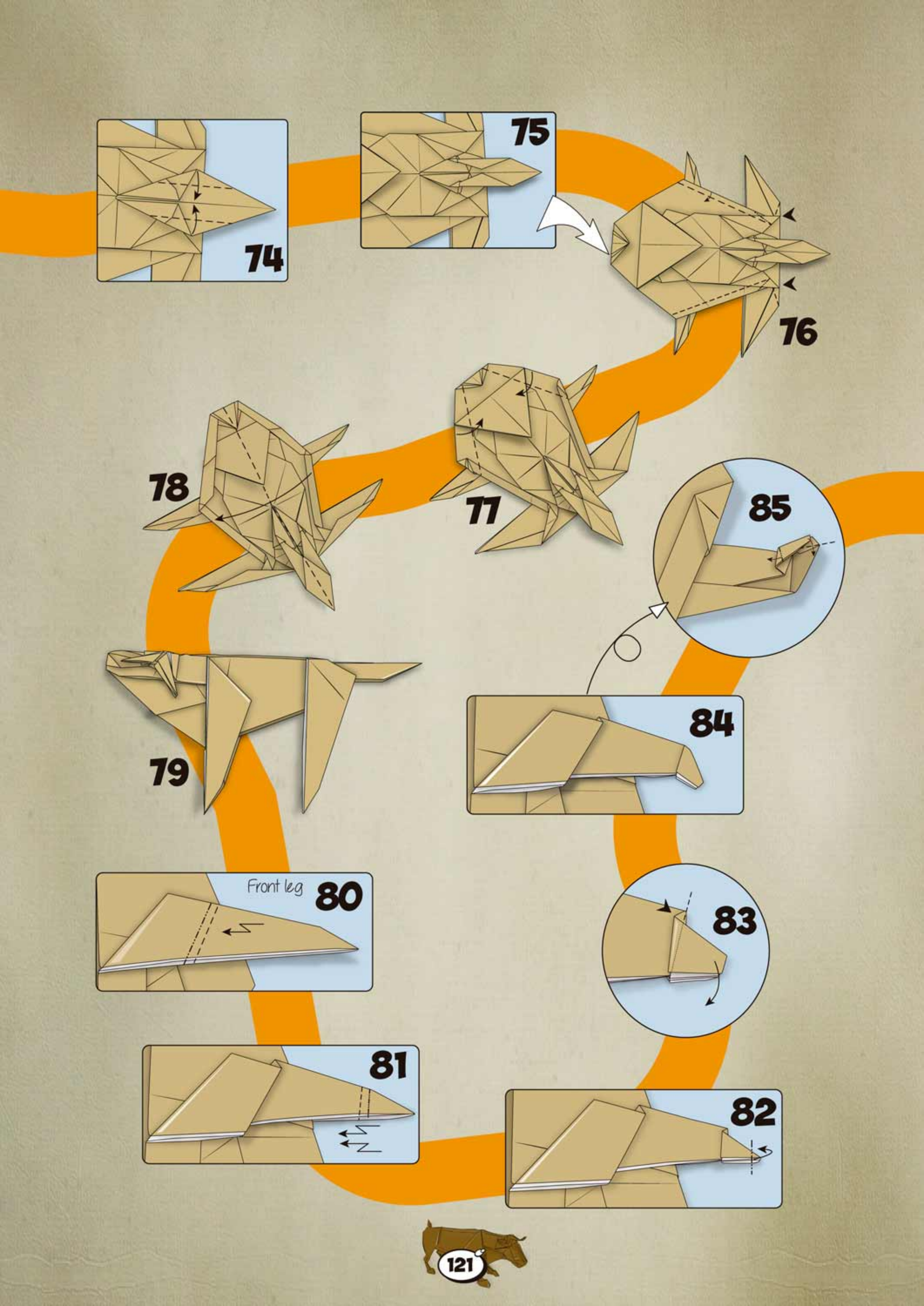


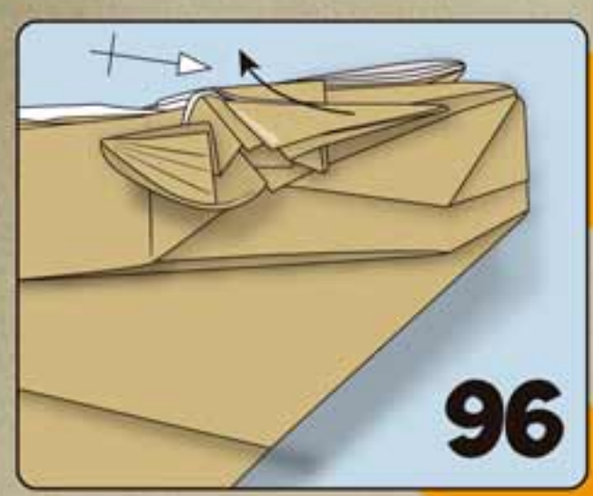


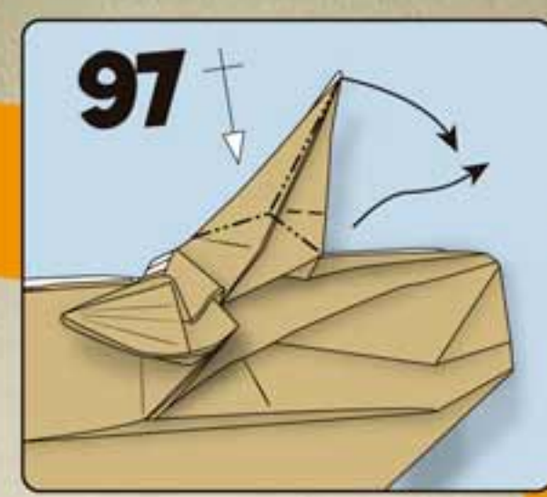


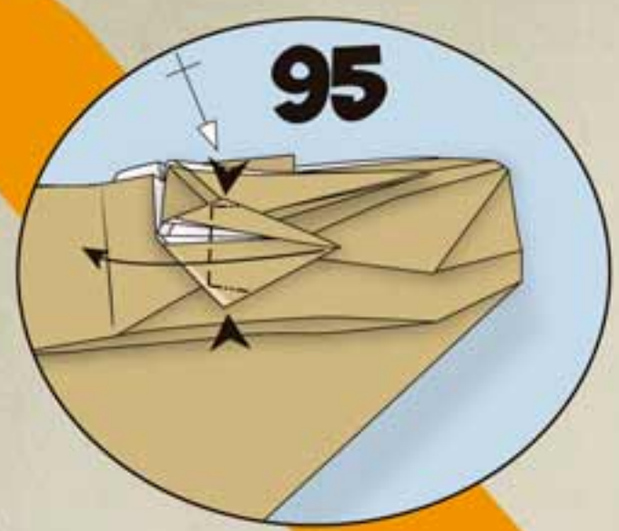
Open sinks

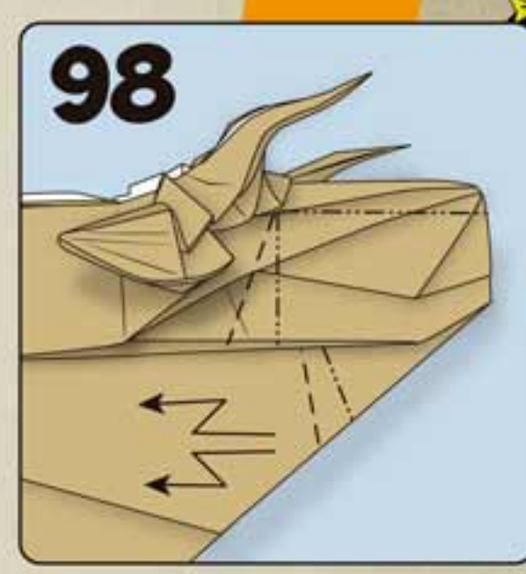

72
73
70
71
69
68
Check the next steps to find the reference for the valley-fold
90º
67
64
65
66
120º


74
75
76
77
78
79
80
Front leg
81
82
83
84
85

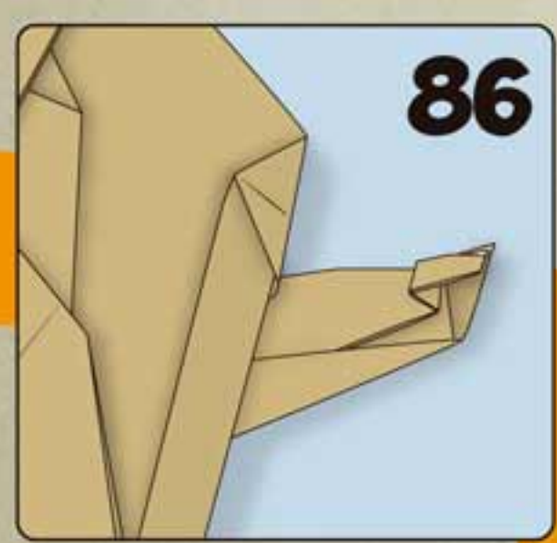


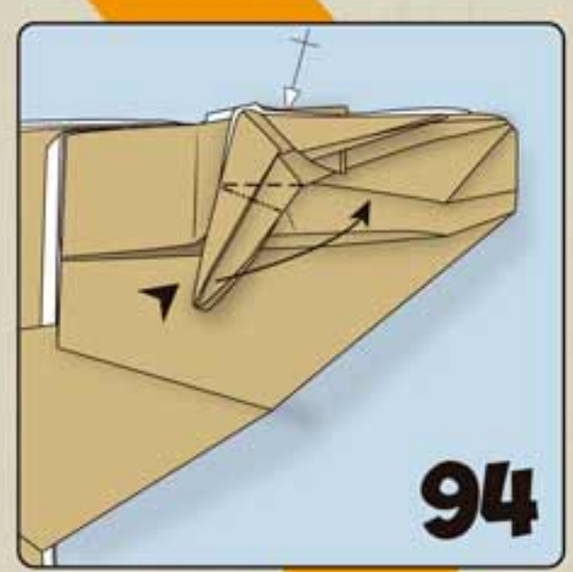




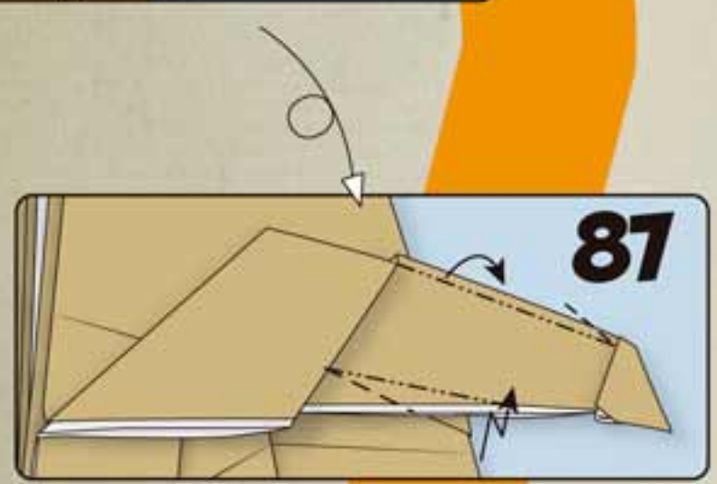


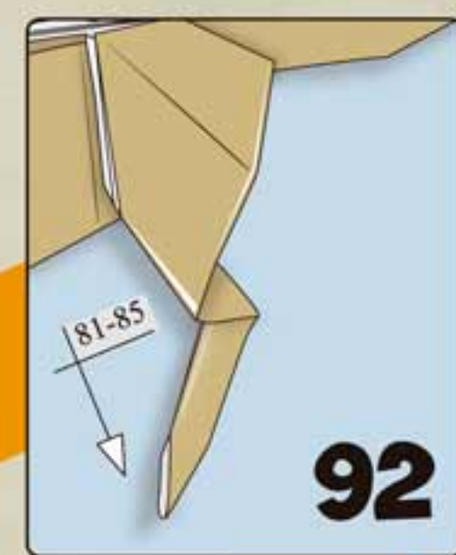
Shape the head

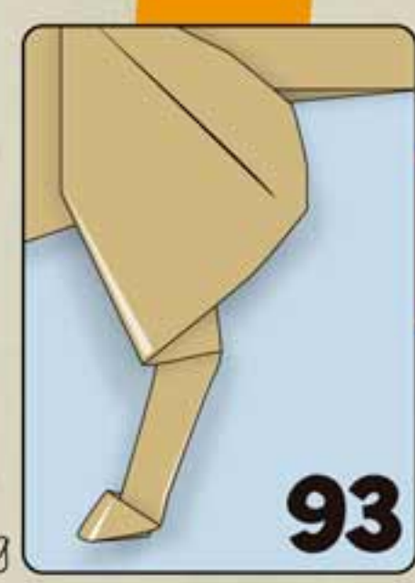




Squash-fold

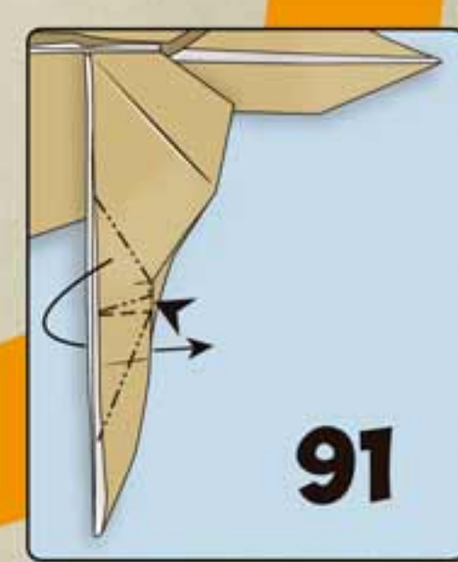






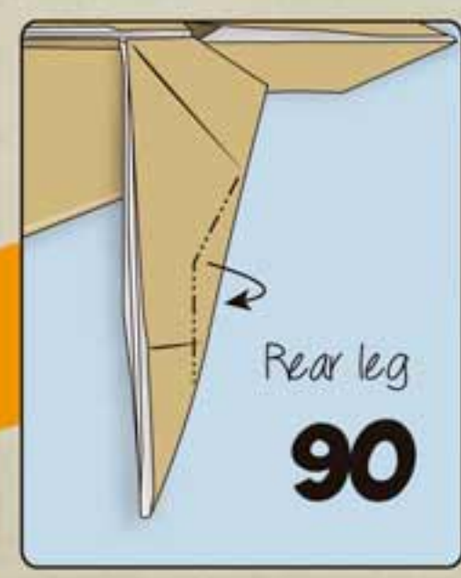
Repeat on the other leg

Shape the leg

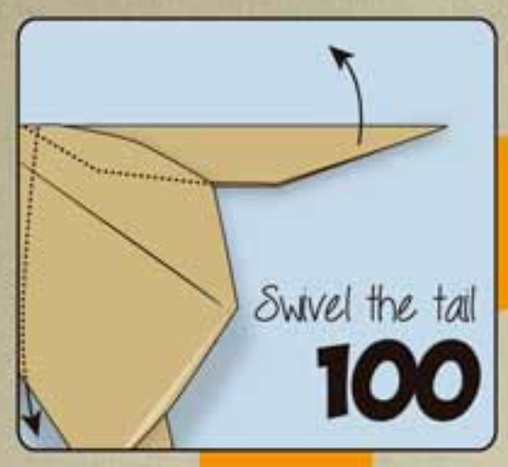


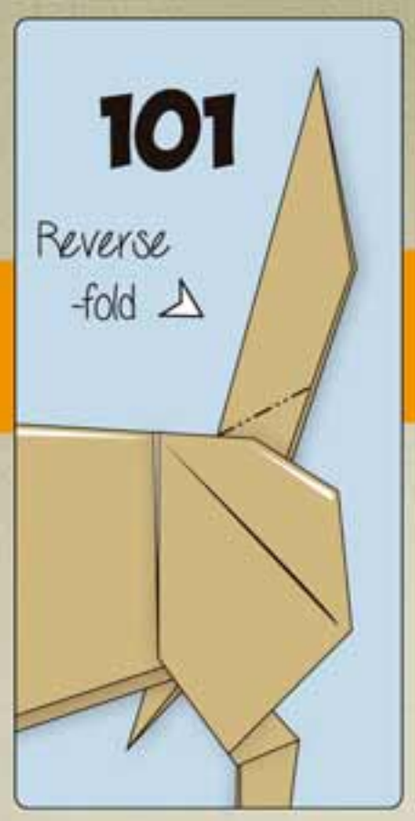
No reference points

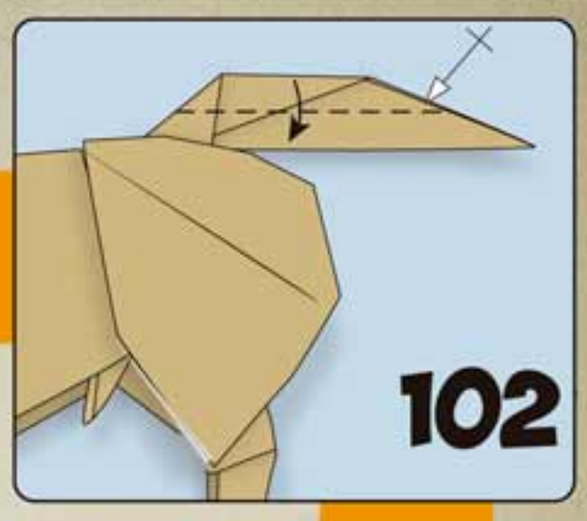
Repeat on the other leg



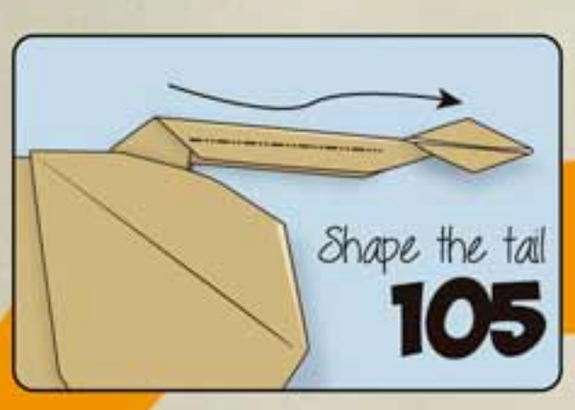
Rear leg

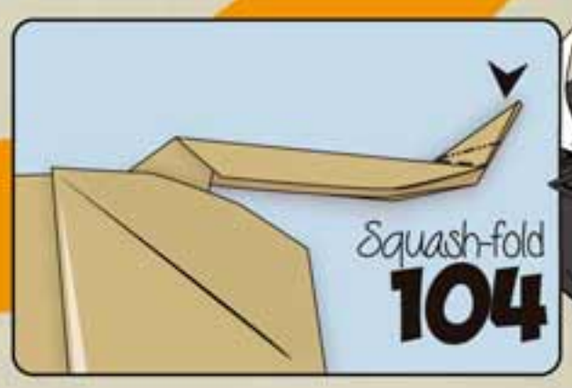


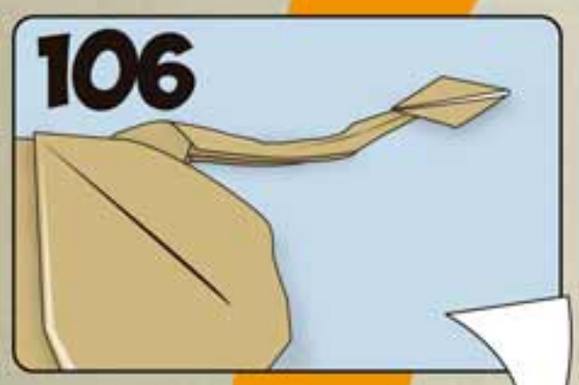


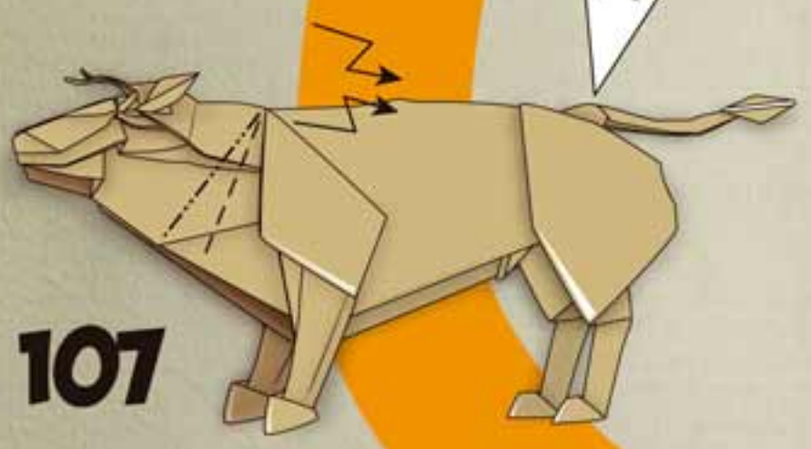


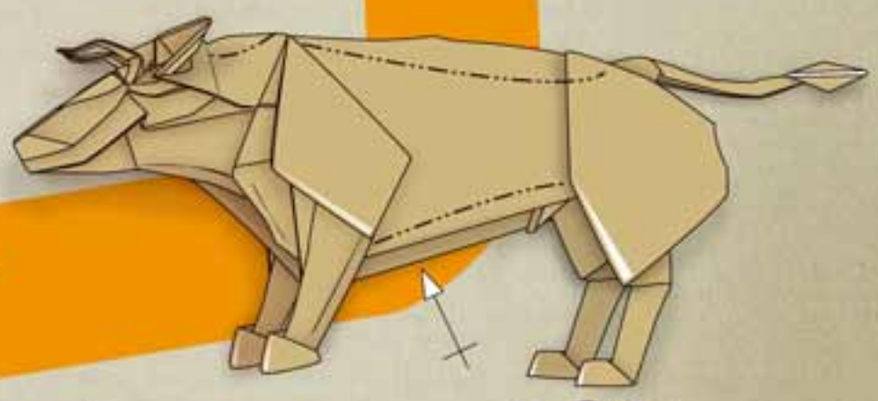
Designer: Richard Ojeda Soto
Symbols: Pere Olivella
Diagrams: Halle 2013

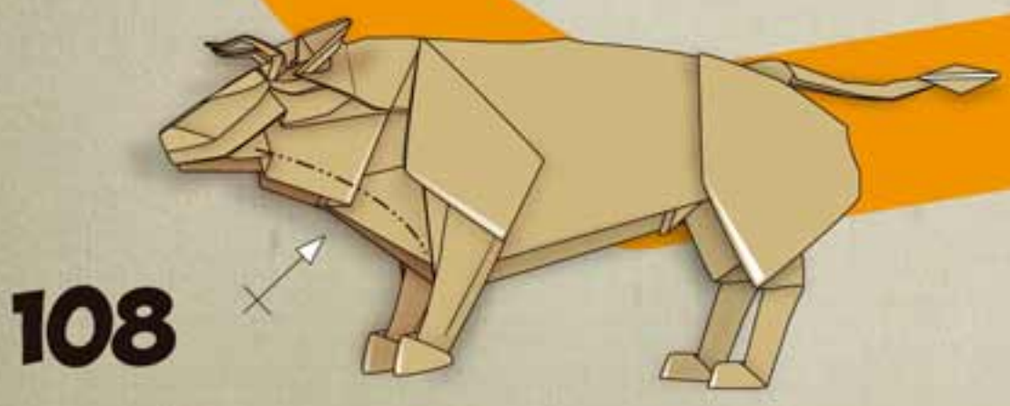






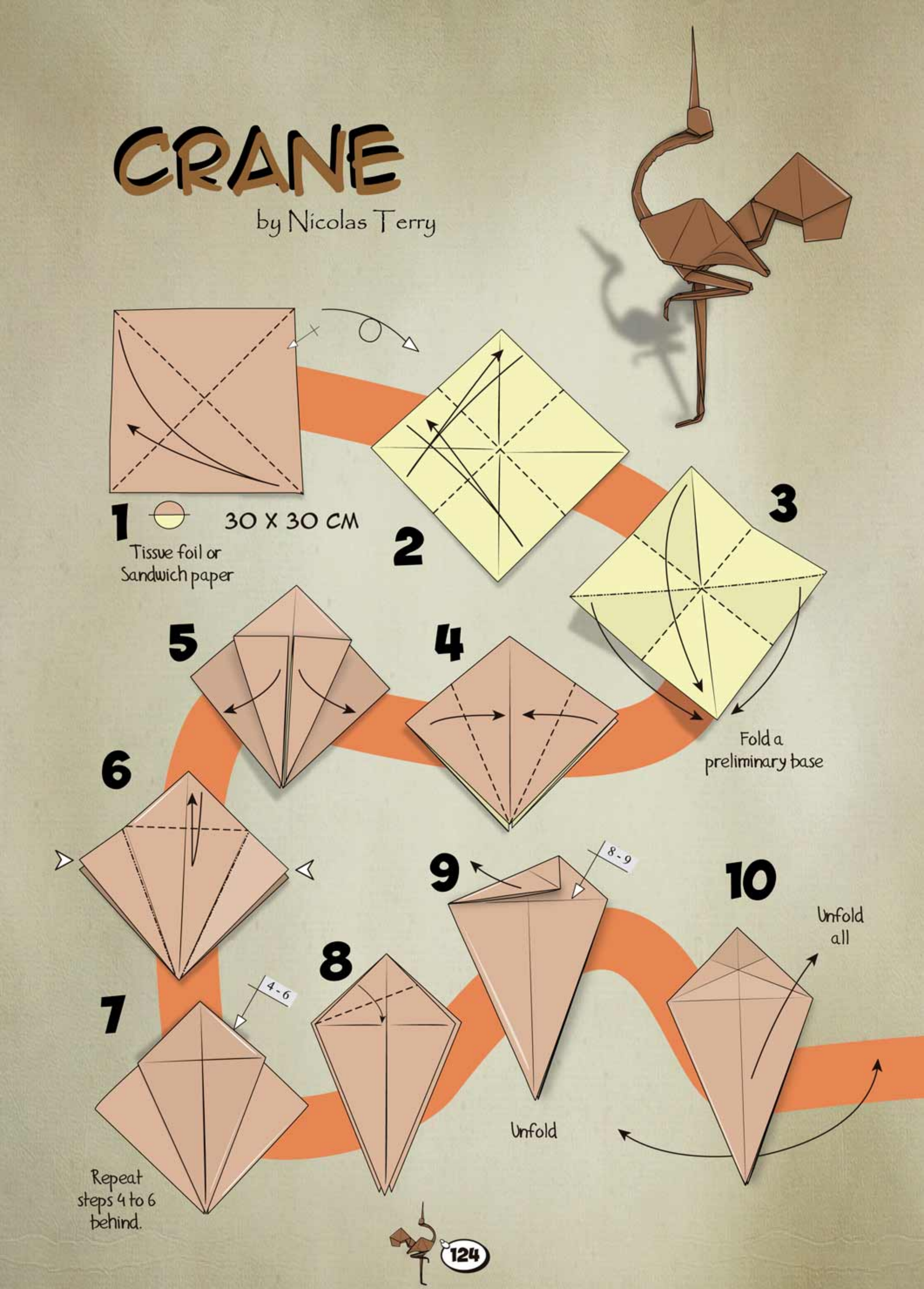


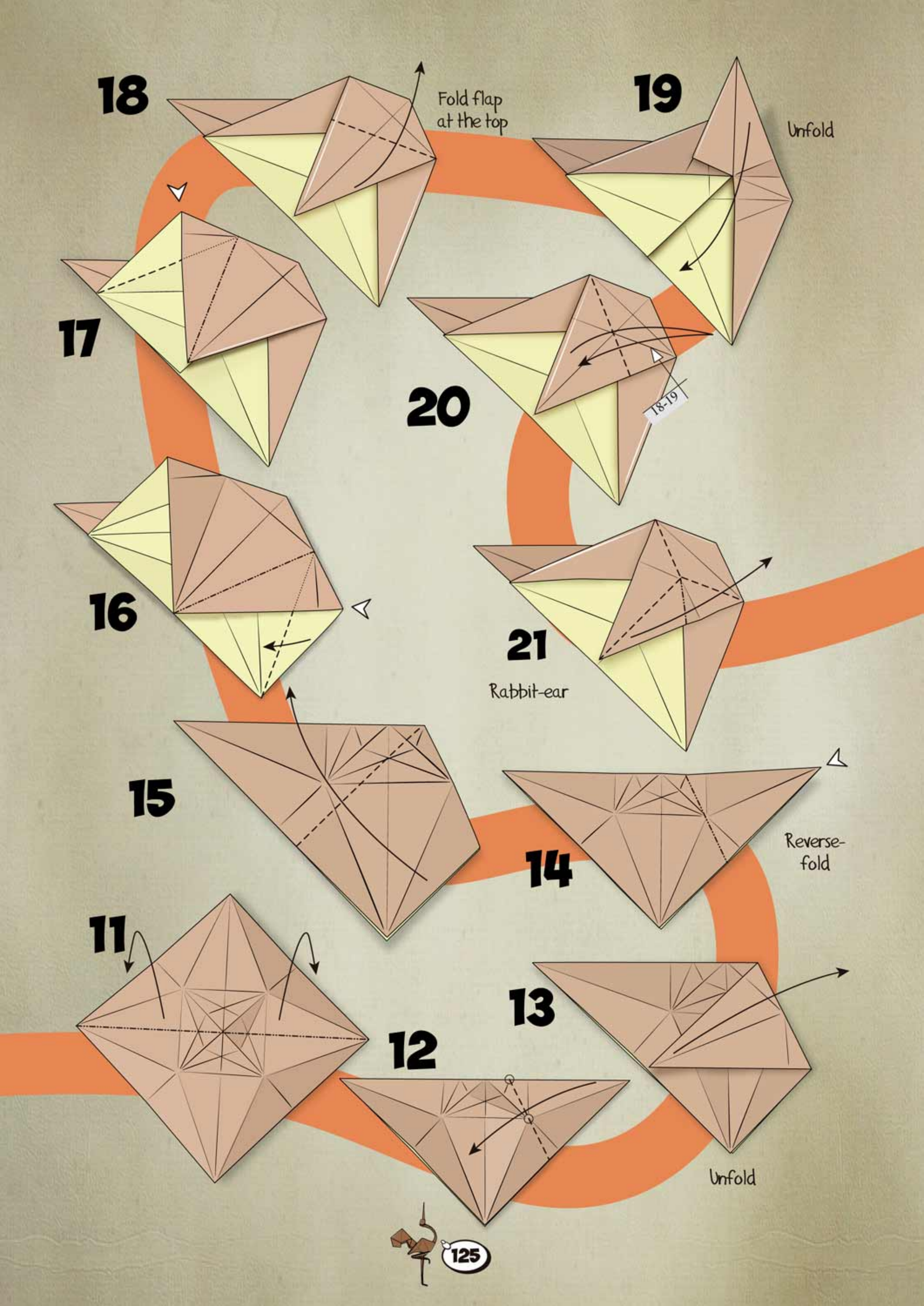


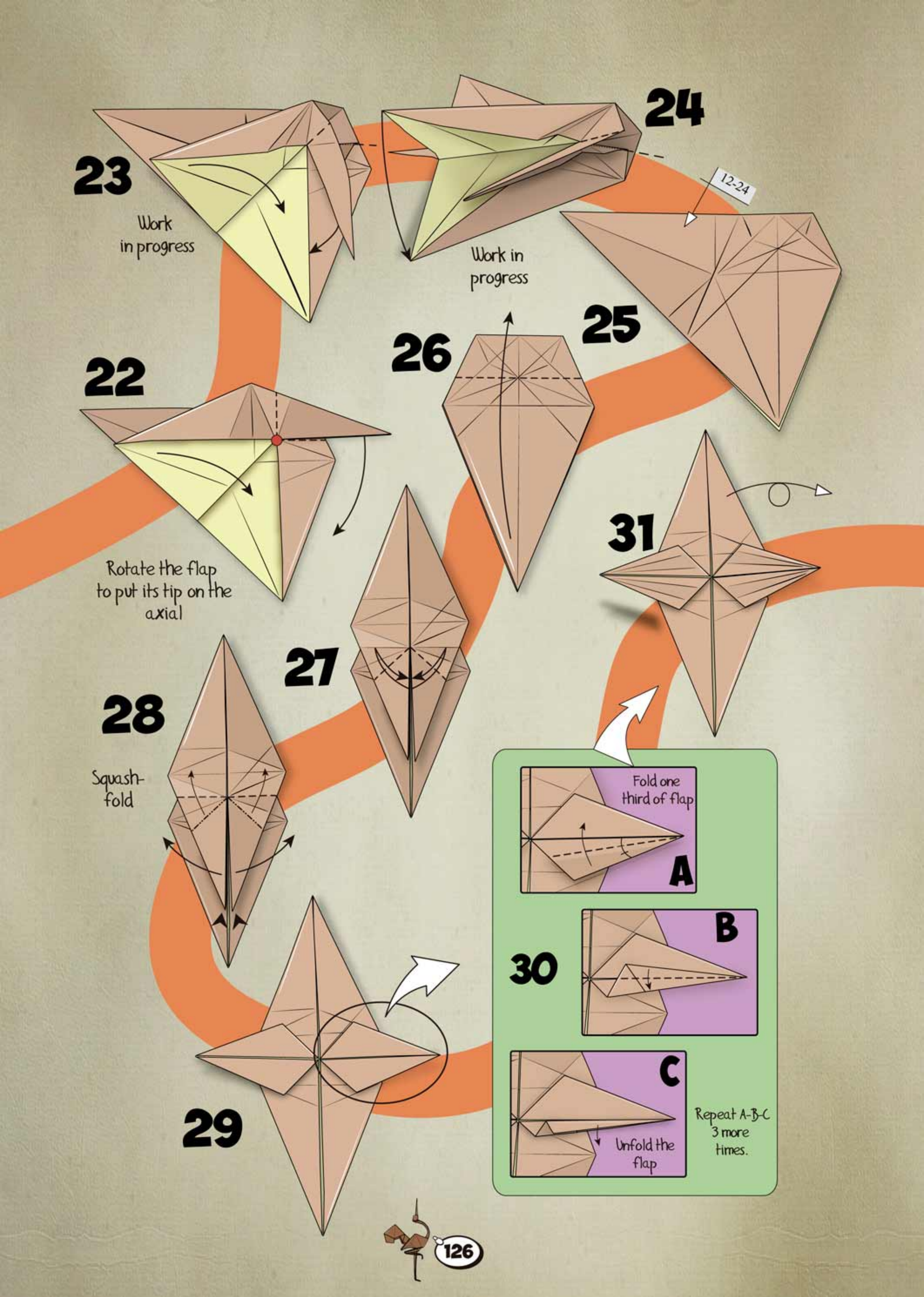


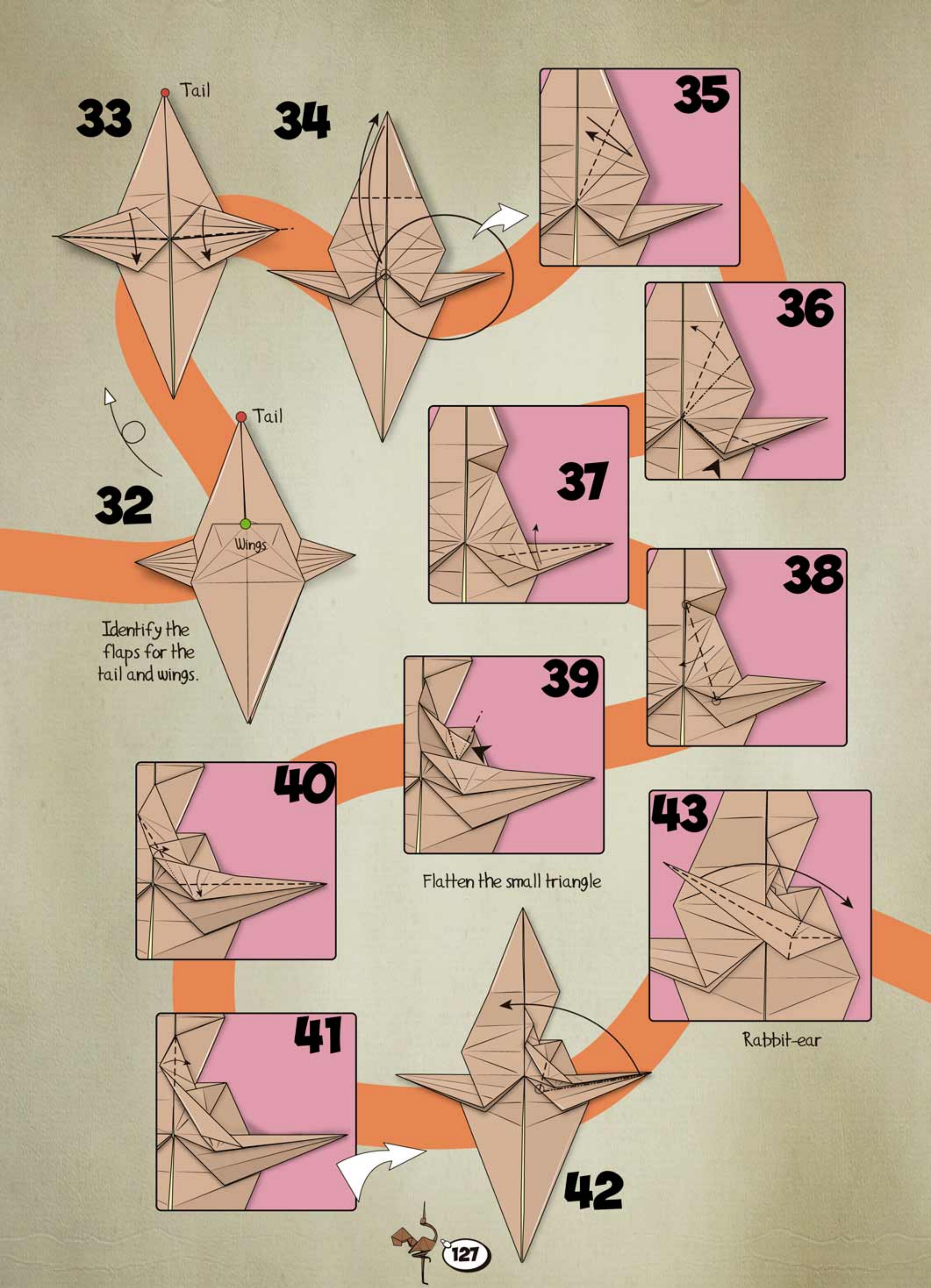
CRANE

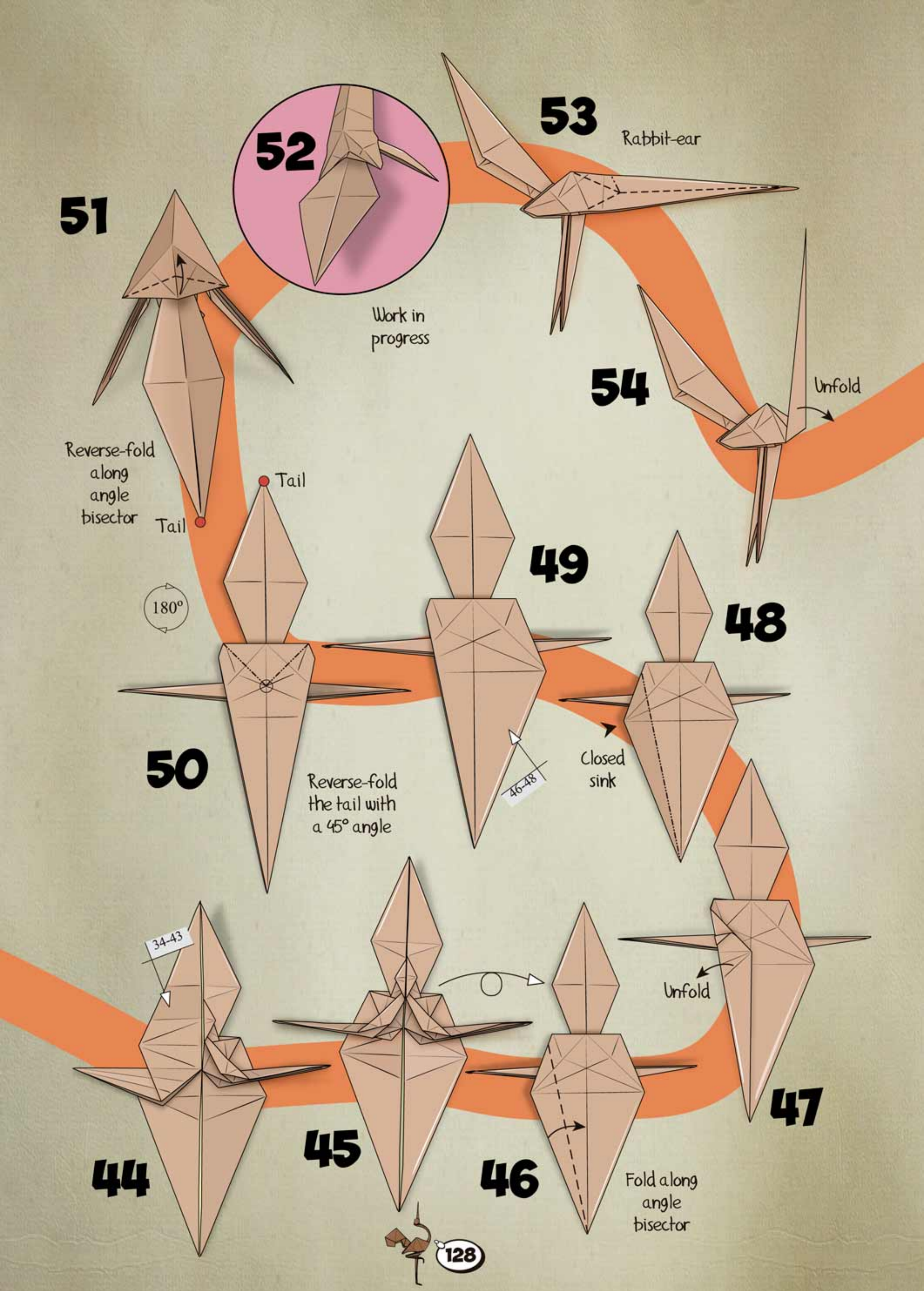
by Nicolas Terry

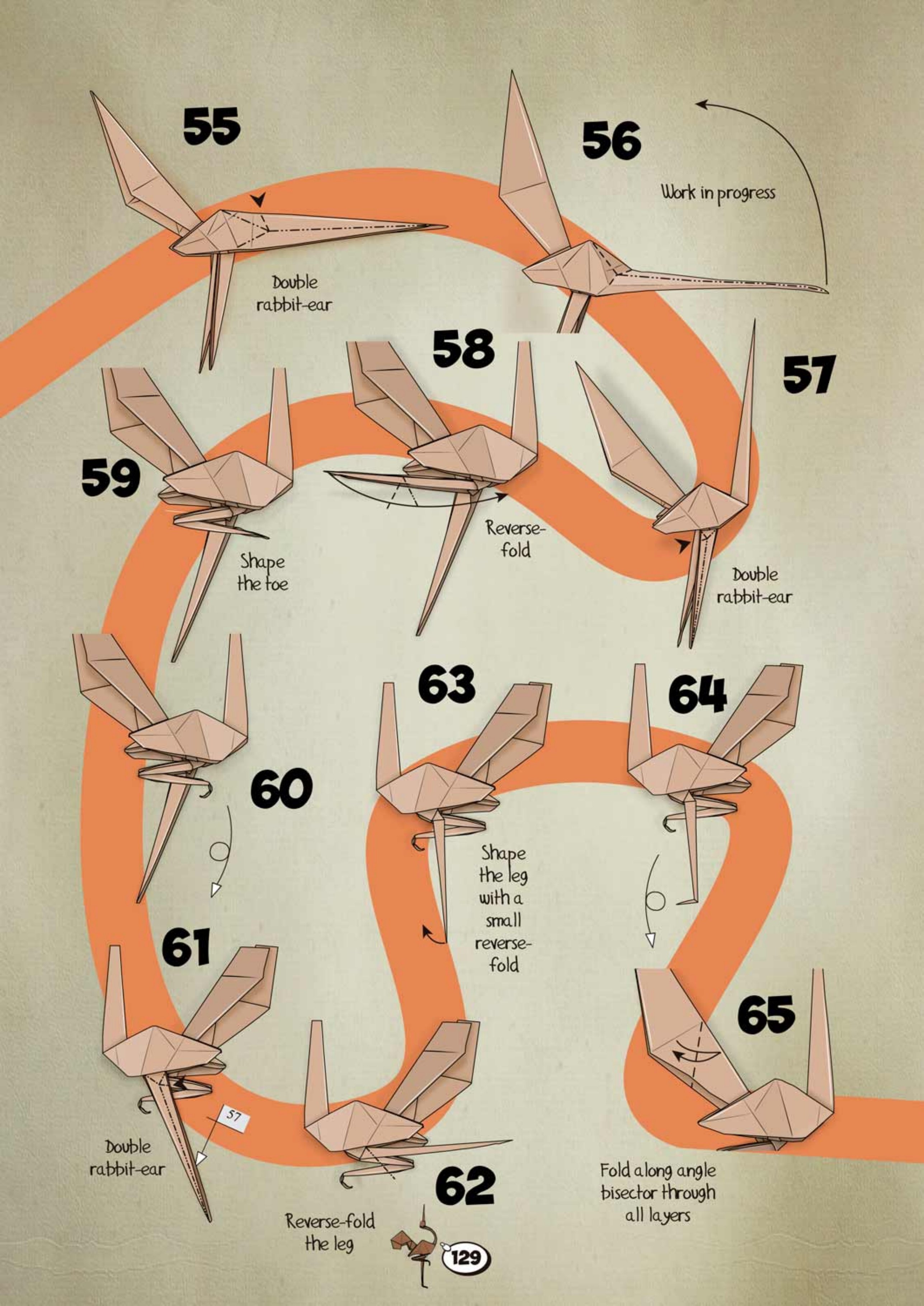


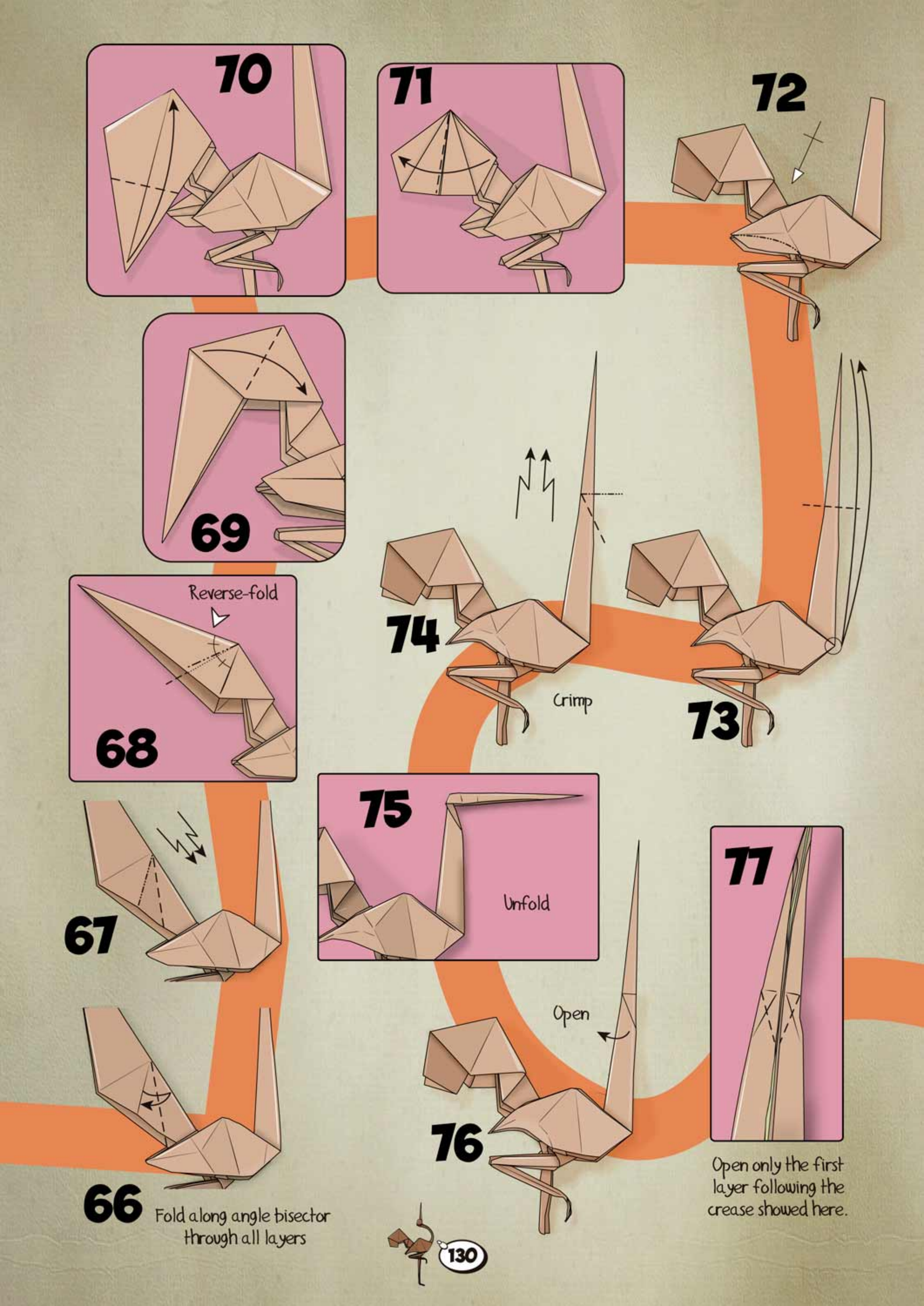

18
Fold flap
at the top
19
Unfold
17
20
18-19
16
21
Rabbit-ear
15
14
Reverse-
fold
11
13
12
Unfold

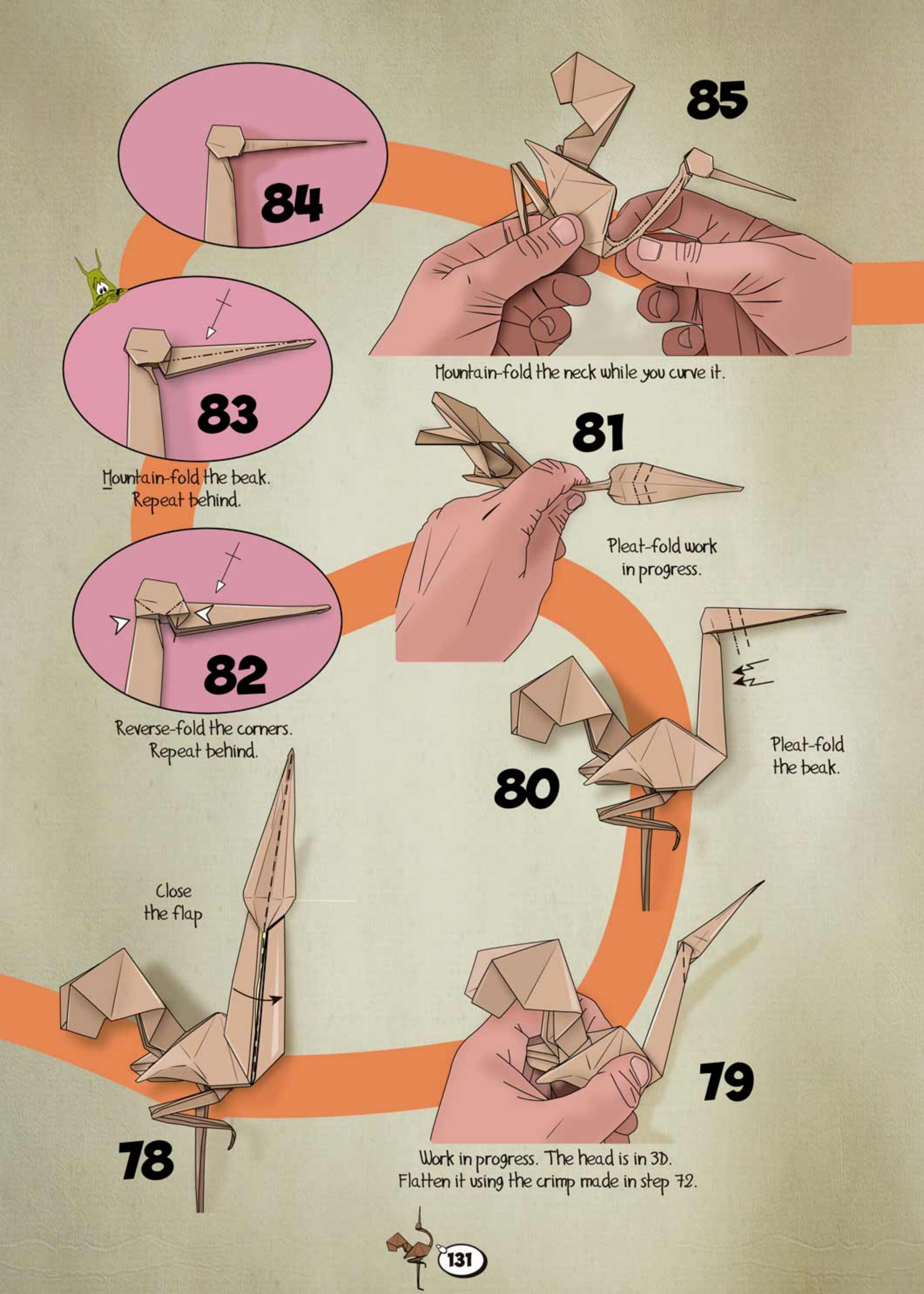

23
Work in progress
24
Work in progress
12-24
25
26
22
Rotate the flap to put its tip on the axial
31
27
28
Squash-fold
Fold one third of flap
A
B
30
C
Unfold the flap
Repeat A-B-C 3 more times.
29
126

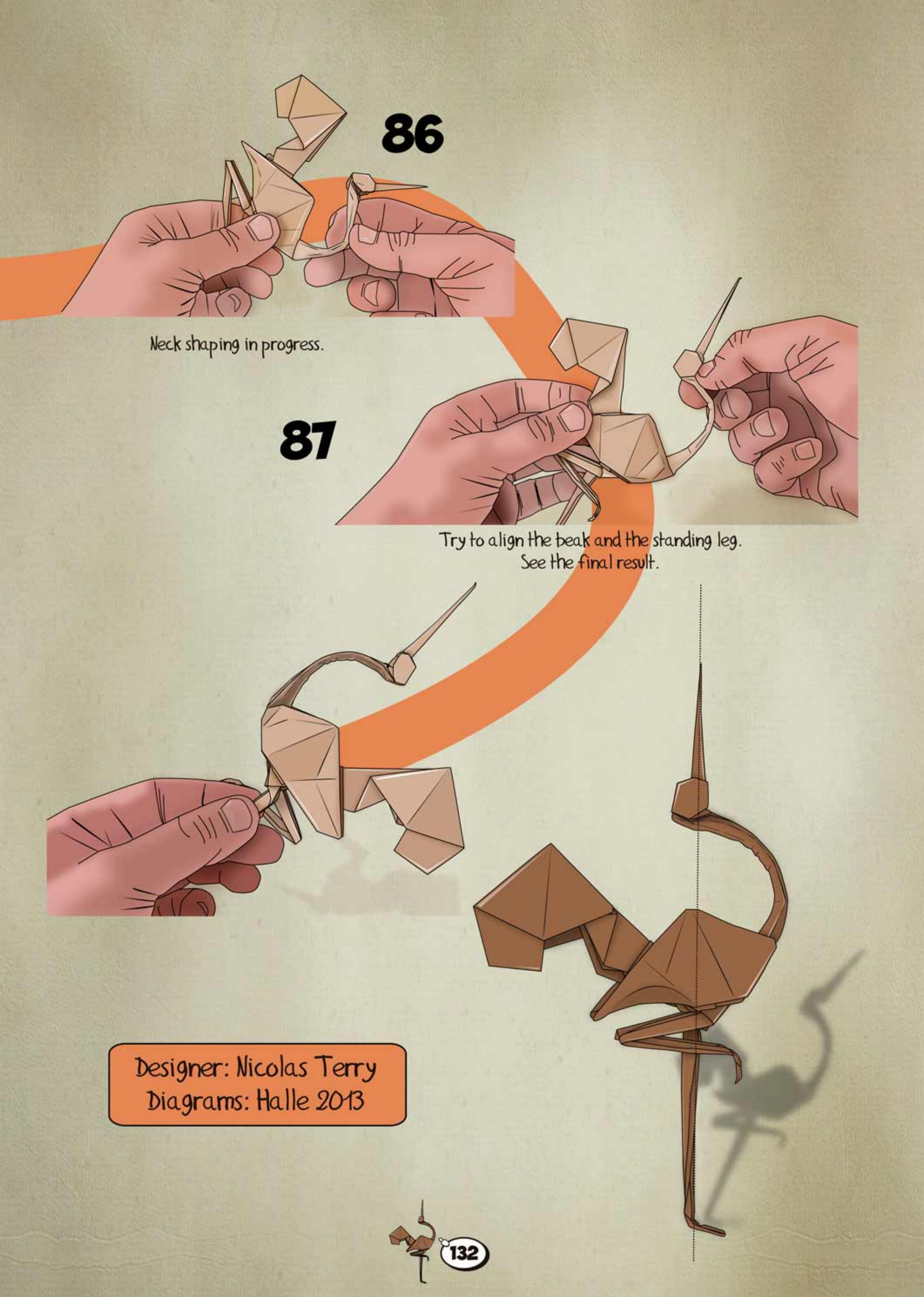

33
Tail
34
35
36
32
Tail
Wings
37
38
Identify the flaps for the tail and wings.
39
40
Flatten the small triangle
43
Rabbit-ear
41
42
127


51
52
53
Rabbit-ear
Work in progress
54
Unfold
Reverse-fold along angle bisector
Tail
Tail
180°
49
48
50
Reverse-fold the tail with a 45° angle
46-48
Closed sink
34-43
Unfold
44
45
46
47
Fold along angle bisector
128


55
Double rabbit-ear
56
Work in progress
57
Double rabbit-ear
58
Reverse-fold
59
Shape the toe
60
61
57
Double rabbit-ear
62
Reverse-fold the leg
129
63
Shape the leg with a small reverse-fold
64
65
Fold along angle bisector through all layers

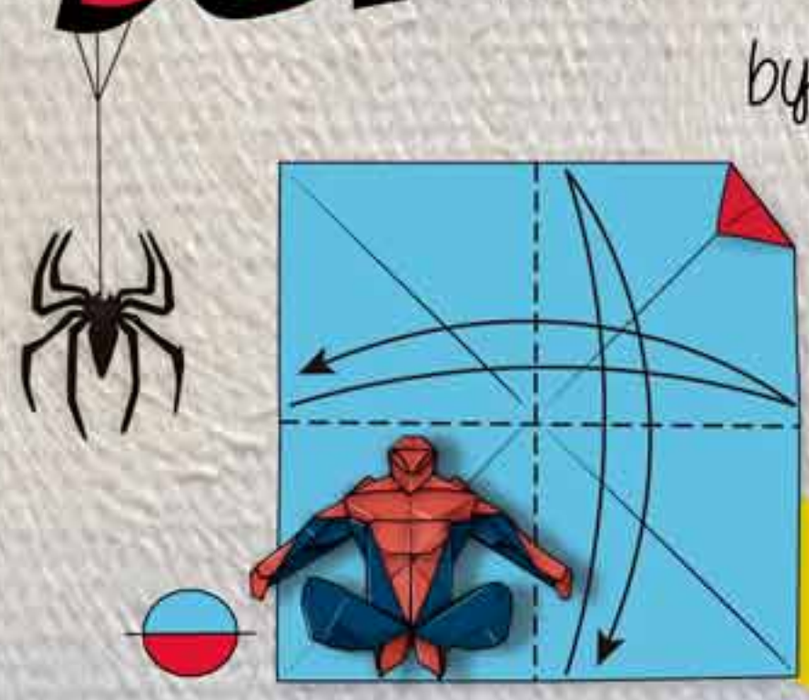

70
71
72
69
Reverse-fold
68
74
Crimp
73
75
Unfold
67
77
Open
76
66
Fold along angle bisector through all layers
Open only the first layer following the crease showed here.
130


84
85
Mountain-fold the neck while you curve it.
83
Mountain-fold the beak.
Repeat behind.
81
Pleat-fold work
in progress.
82
Reverse-fold the corners.
Repeat behind.
Pleat-fold
the beak.
80
Close
the flap
79
78
Work in progress. The head is in 3D.
Flatten it using the crimp made in step 72.


86
Neck shaping in progress.
87
Try to align the beak and the standing leg.
See the final result.
Designer: Nicolas Terry
Diagrams: Halle 2013
132

SUPERHERO

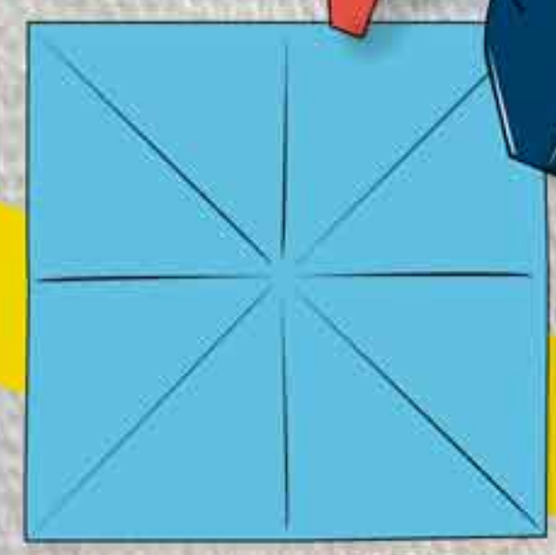
by Juanfran Carrillo



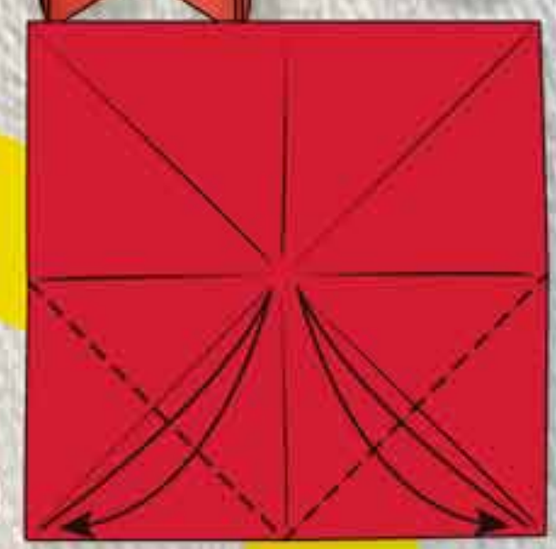
1

30x30cm

Blue Biotope with
Red Shin-danshi



2



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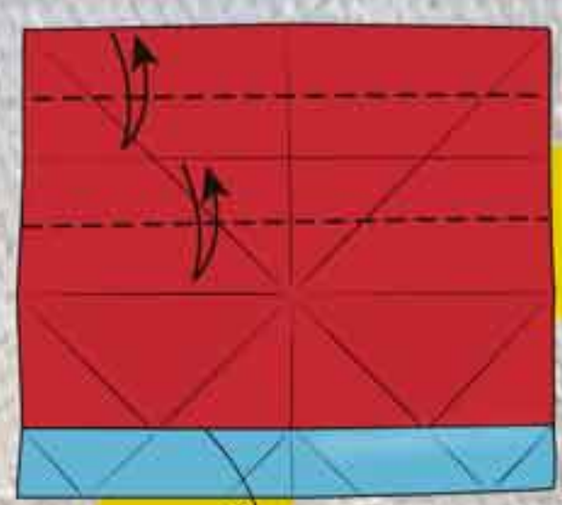

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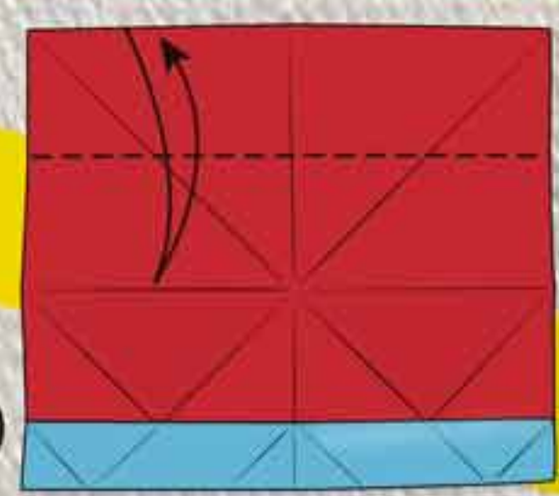

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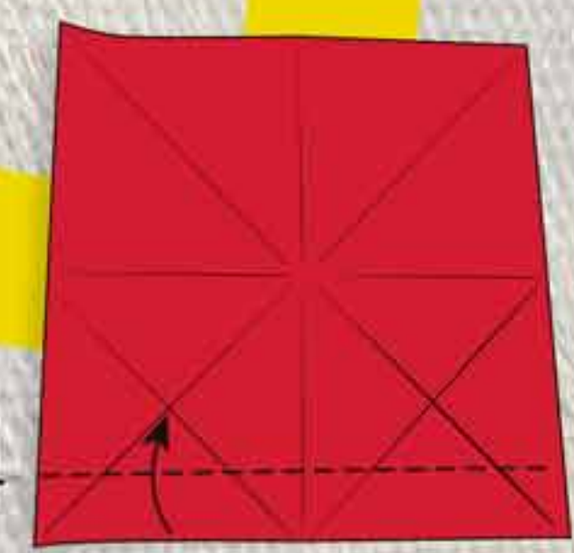
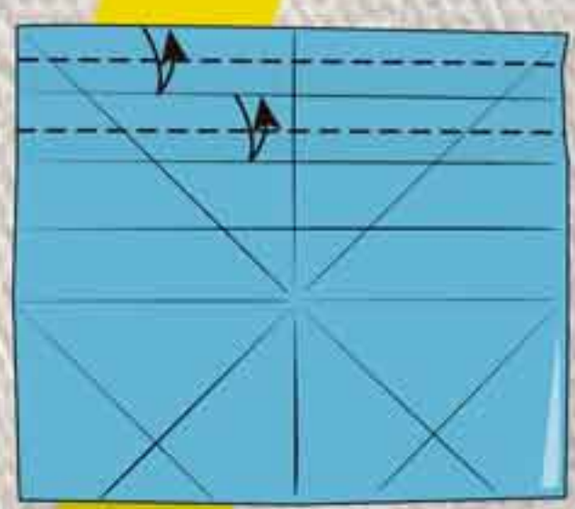


4



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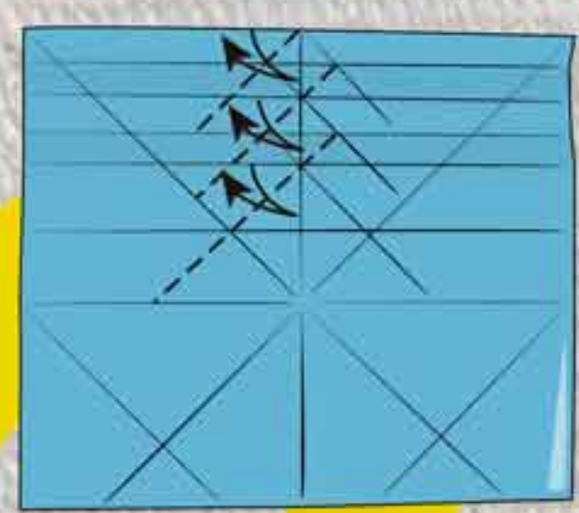
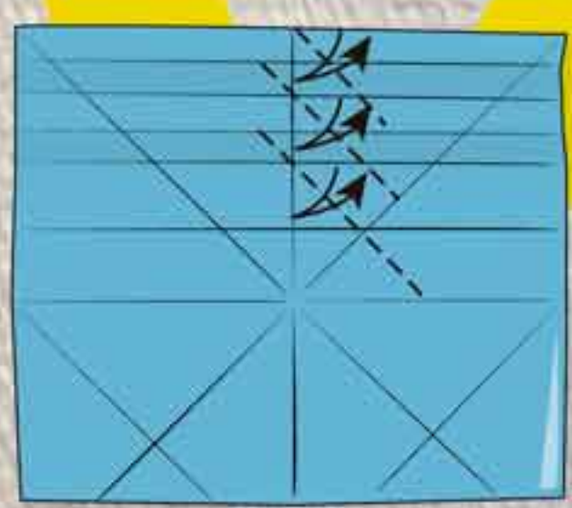
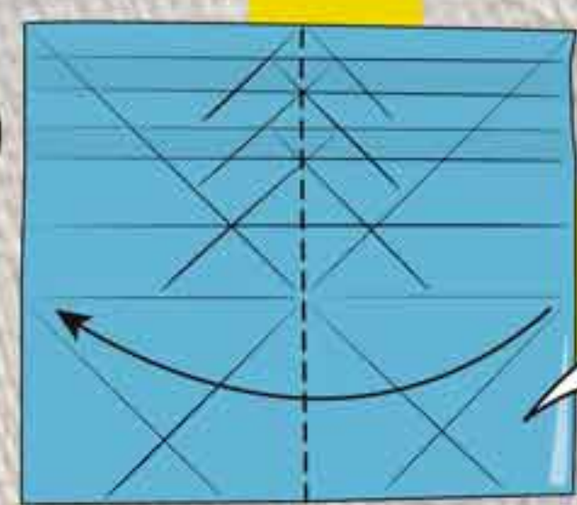


9



8



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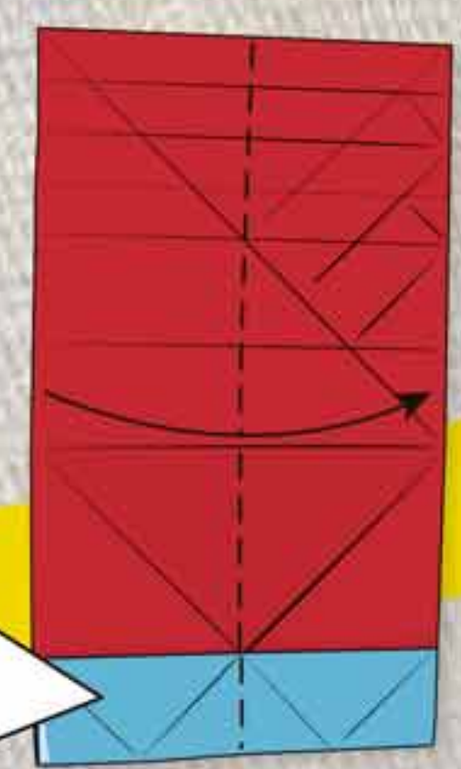
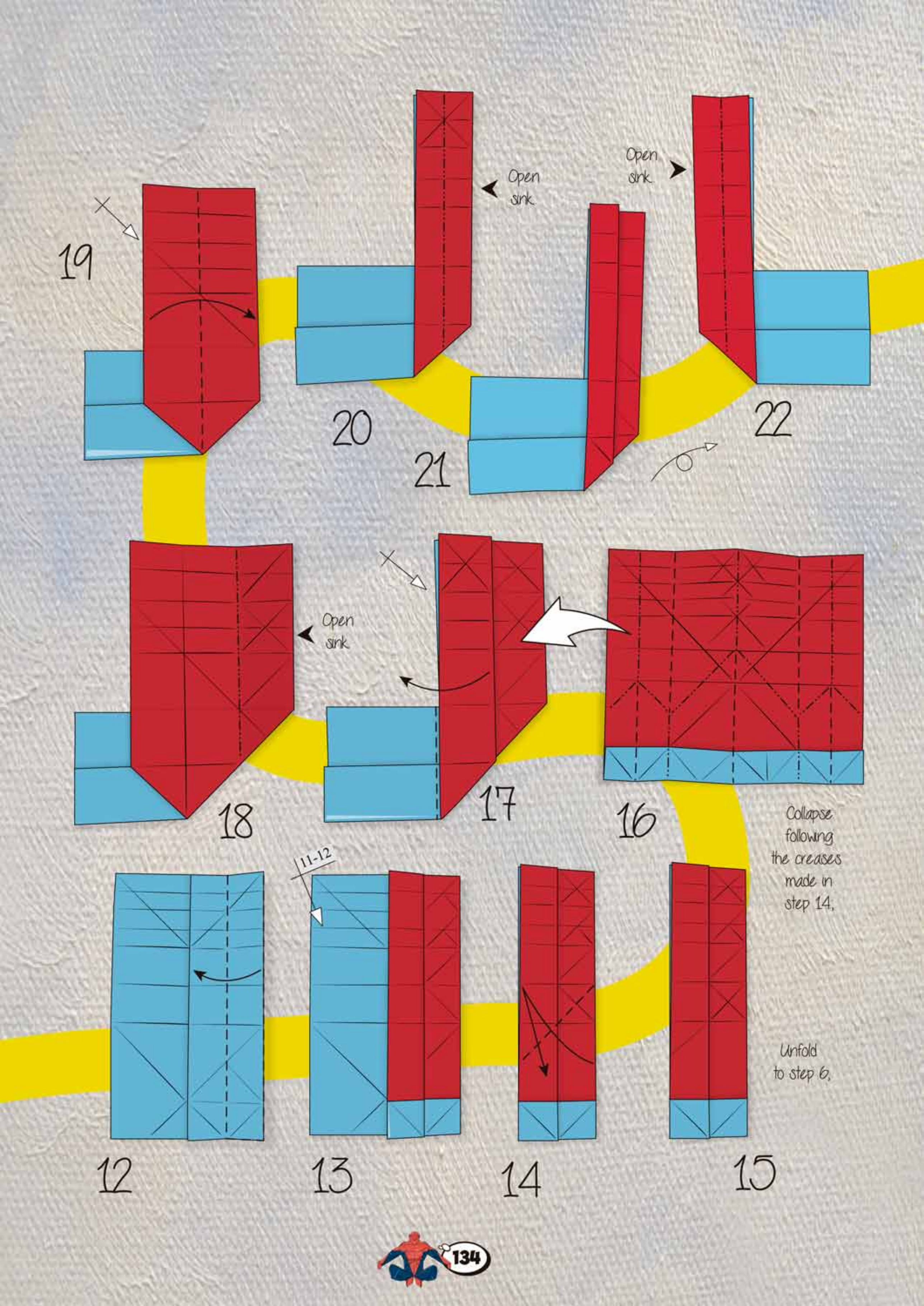
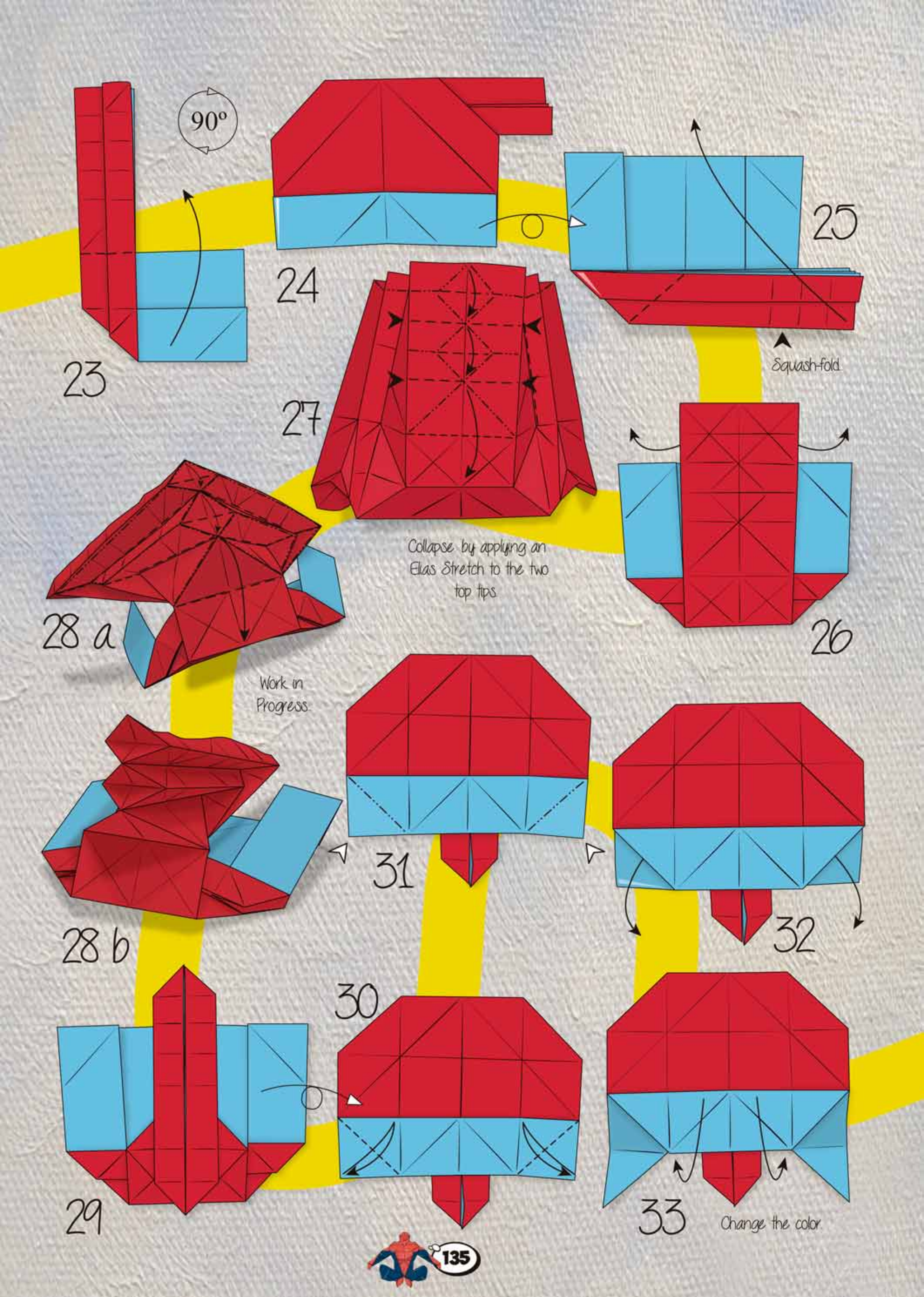
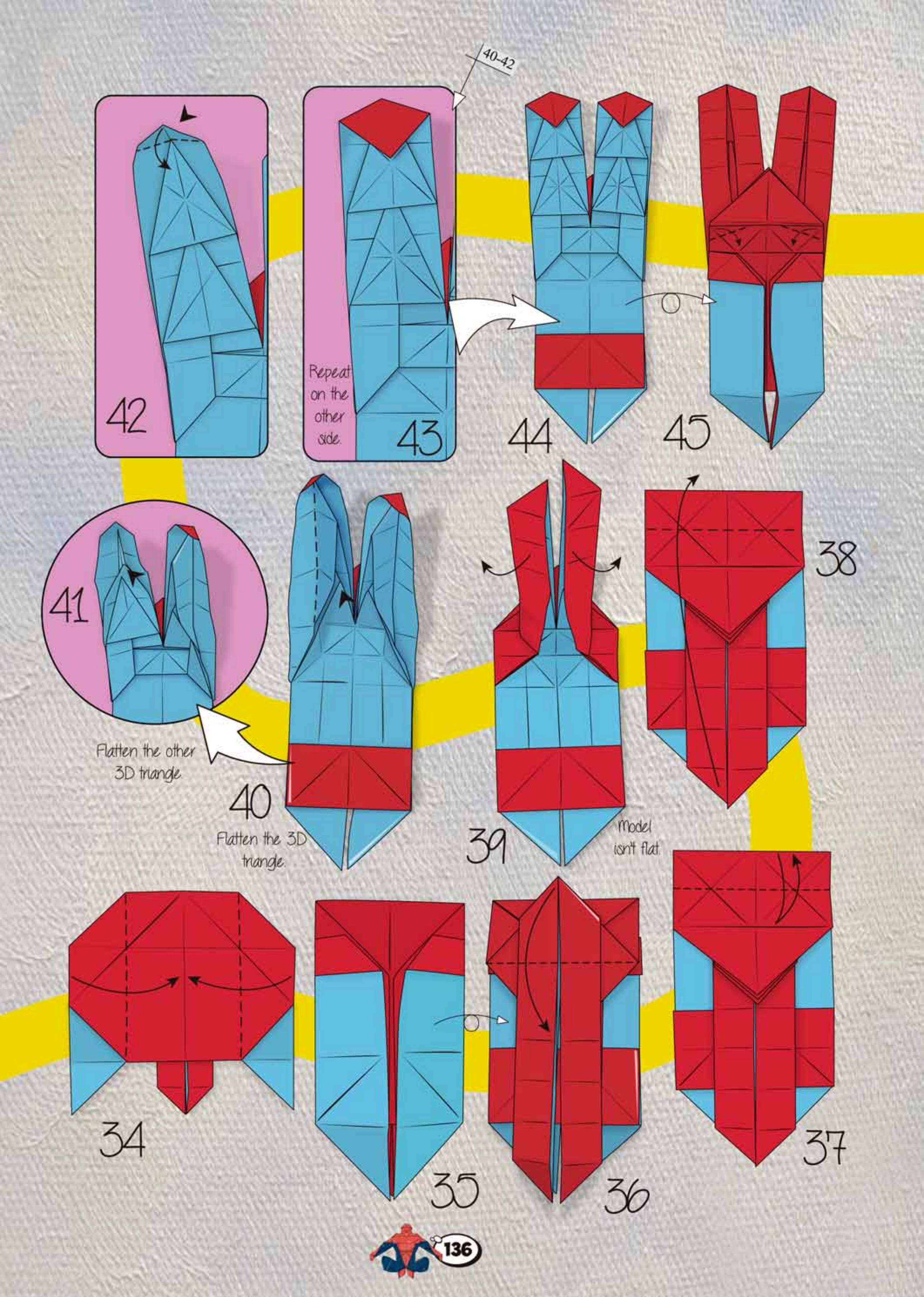
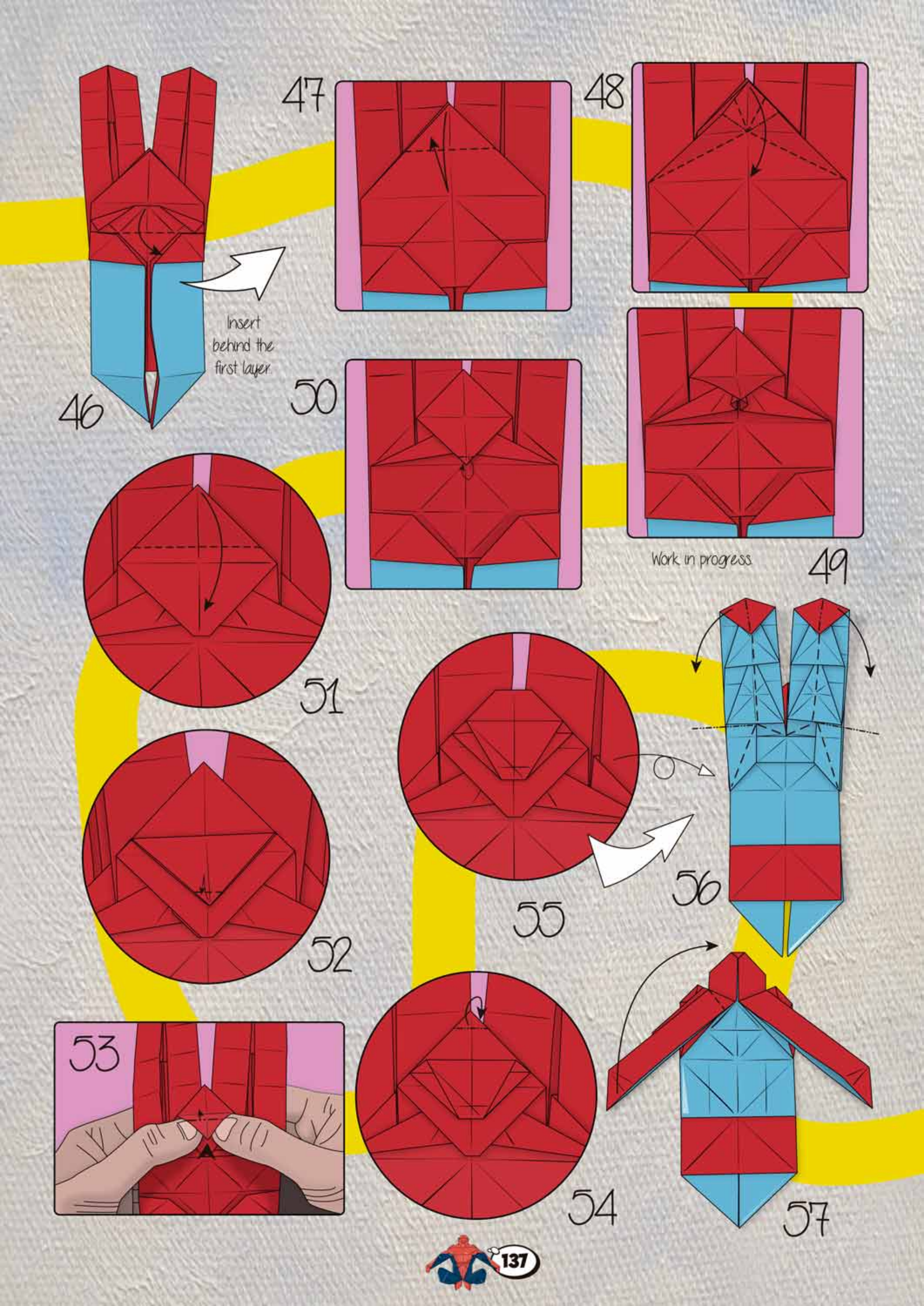


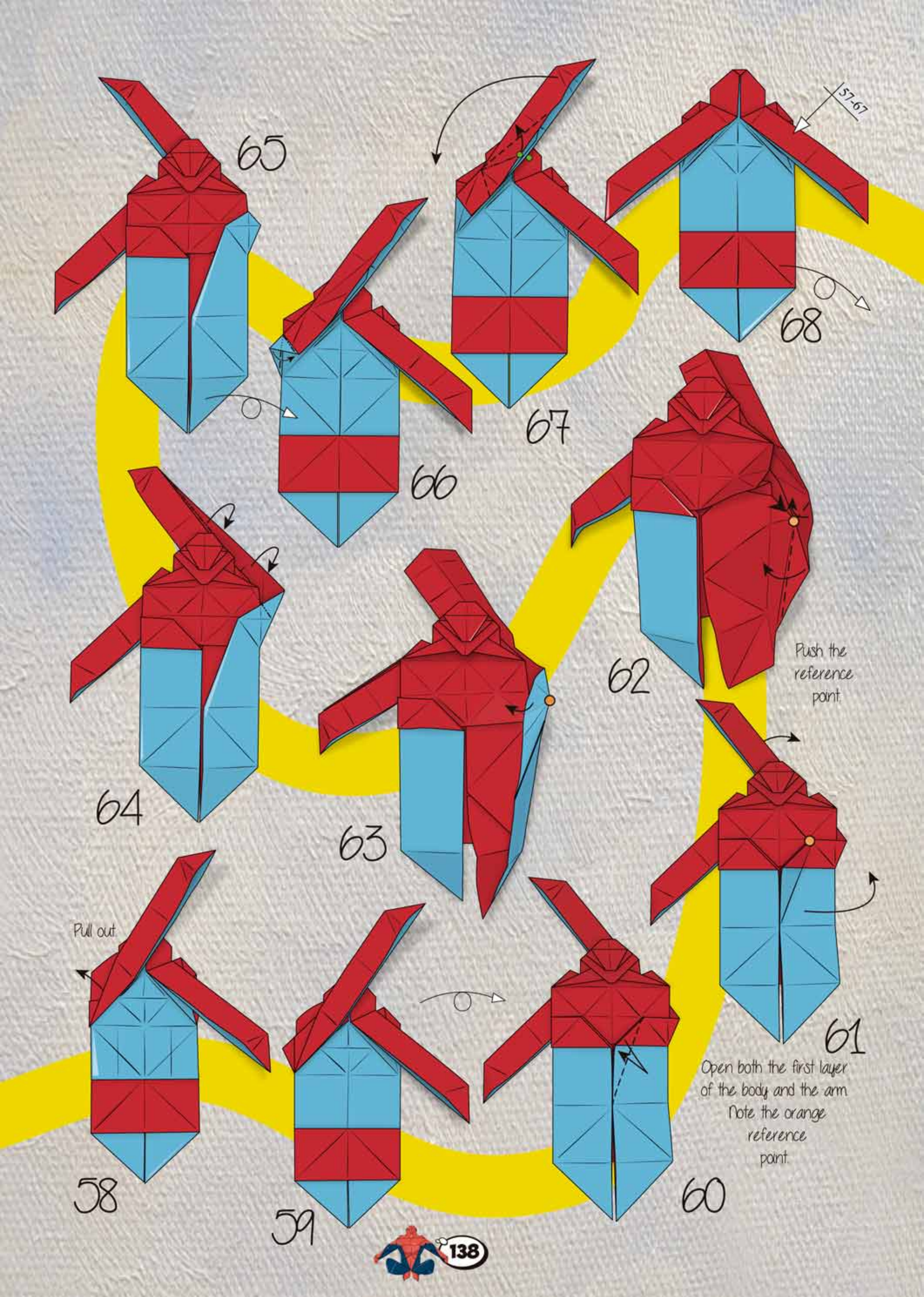
11

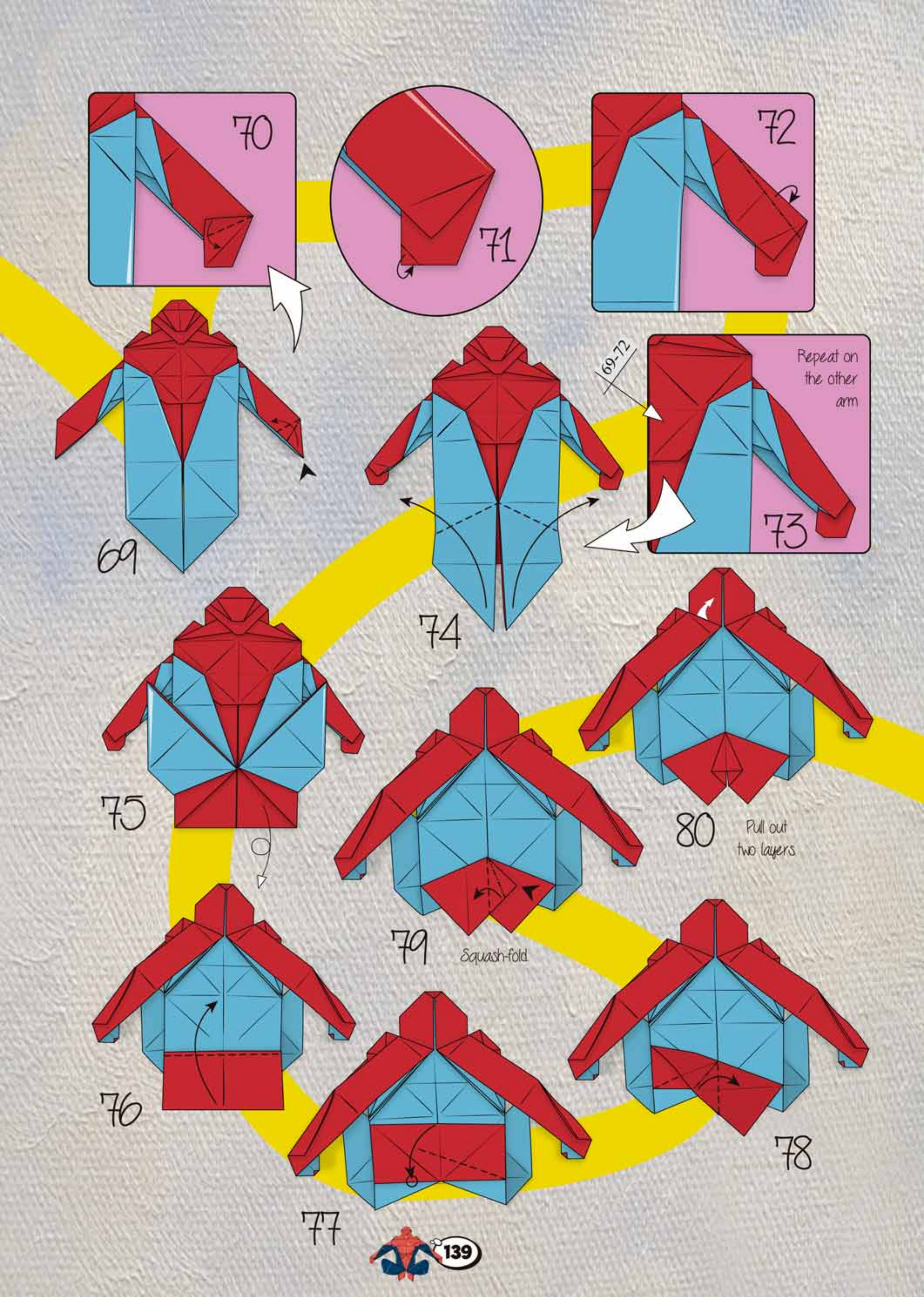

19
20
Open sink
21
Open sink
22
18
Open sink
17
16
Collapse following the creases made in step 14.
12
11-12
13
14
15
Unfold to step 6.

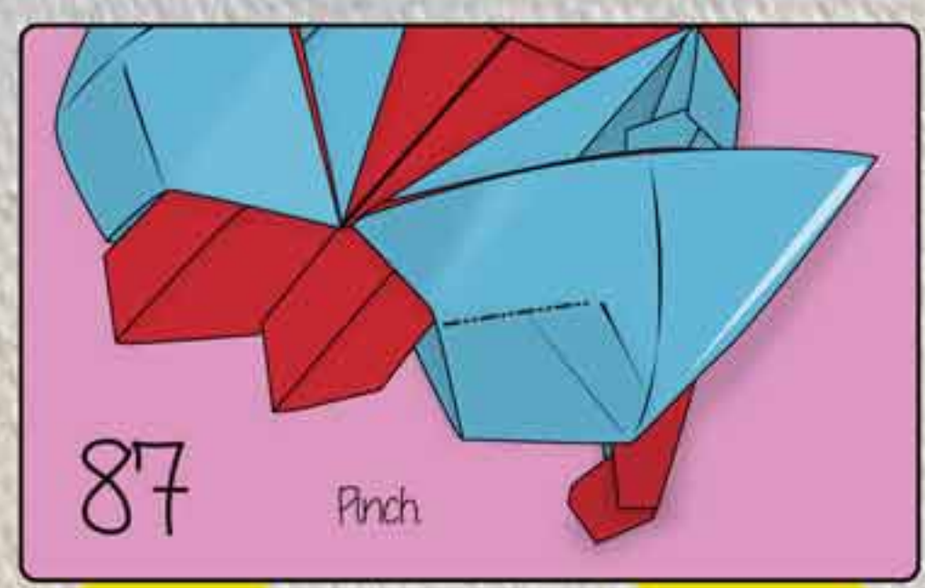

90º
23
24
25
Squash-fold
27
Collapse by applying an Elias Stretch to the two top tips
26
28 a
Work in Progress
28 b
31
32
29
30
33
Change the color


40-42
42
Repeat on the other side.
43
44
45
41
Flatten the other 3D triangle
40
Flatten the 3D triangle.
39
Model isn't flat.
38
34
35
36
37

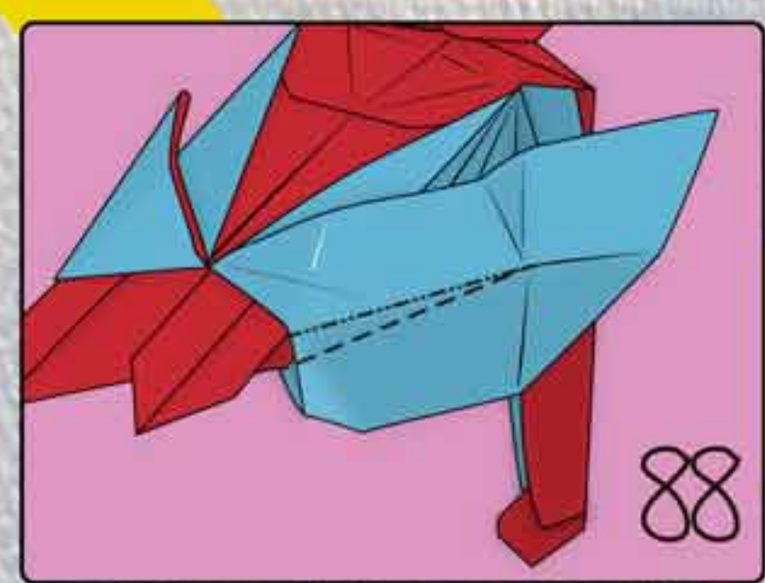

46
Insert behind the first layer
47
48
49
Work in progress
50
51
52
53
54
55
56
57

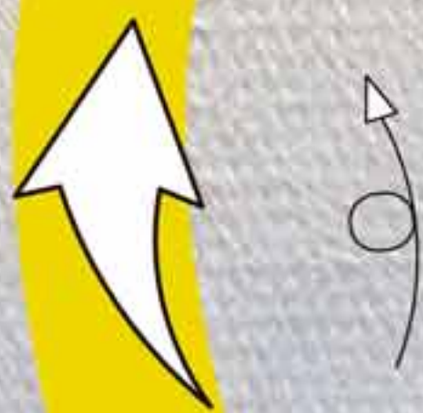

65
66
67
57-67
68
64
62
Push the reference point.
63
Pull out.
58
59
60
61
Open both the first layer of the body and the arm. Note the orange reference point.

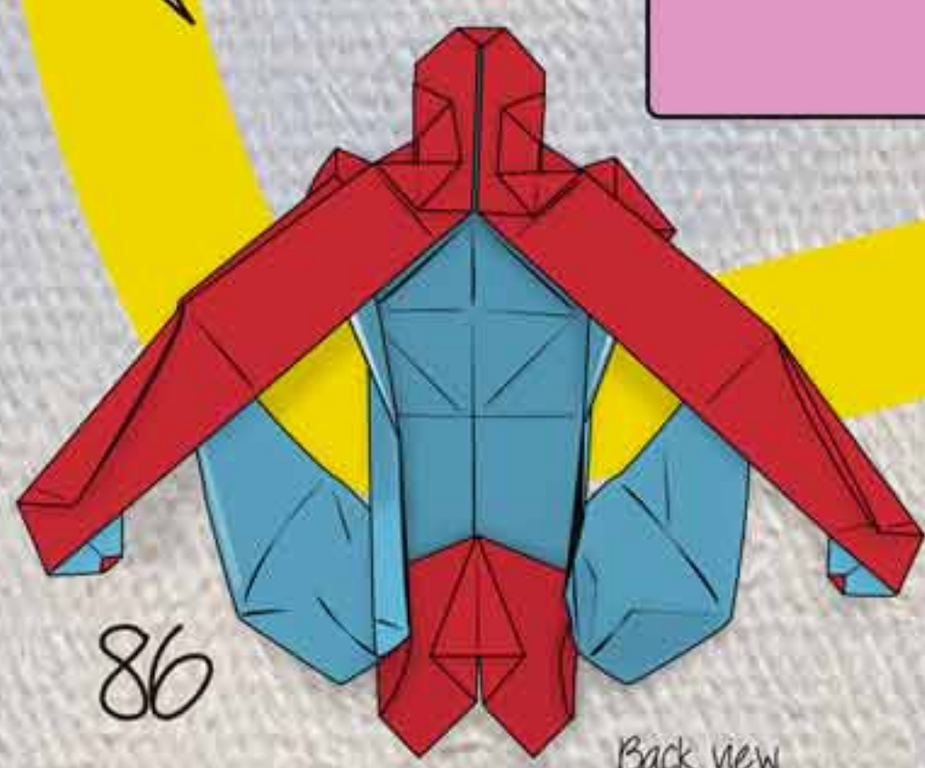

70
71
72
69-72
Repeat on the other arm
73
69
74
75
80
Pull out two layers
79
Squash-fold
76
78
77


87
Pinch

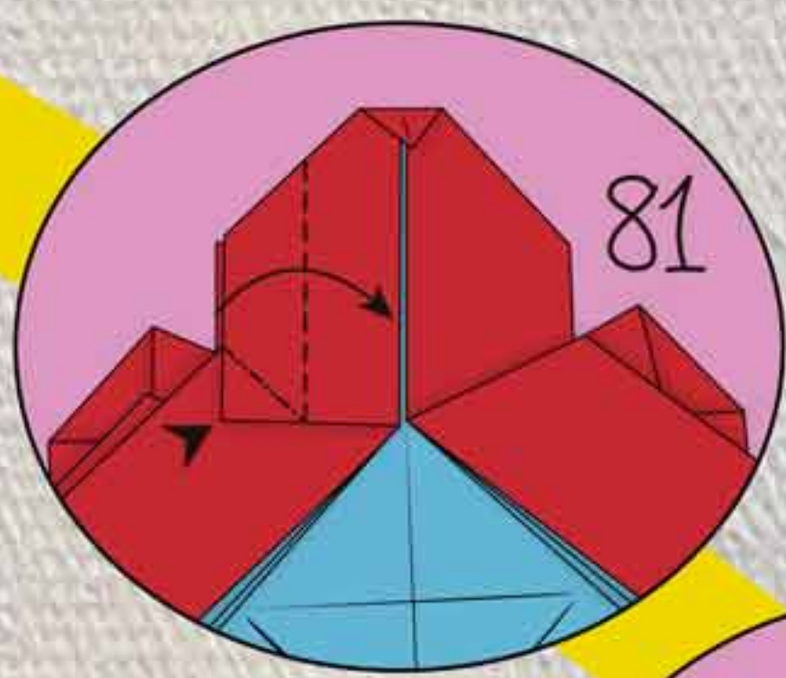
89

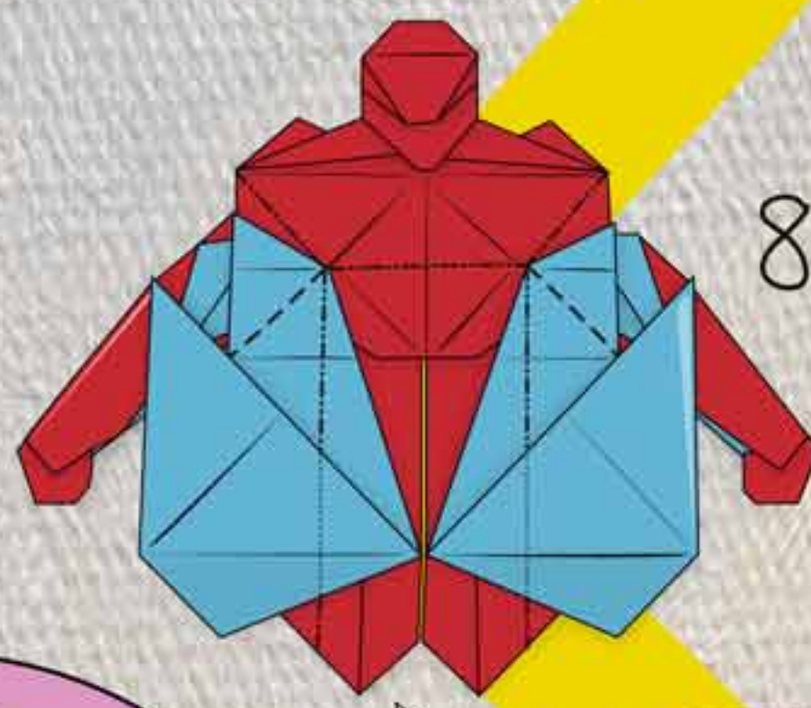

88

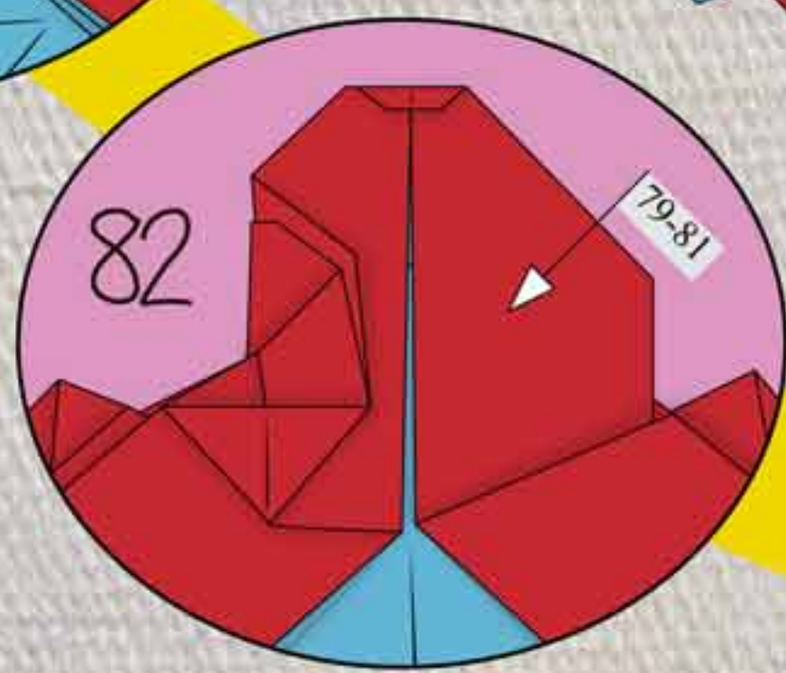


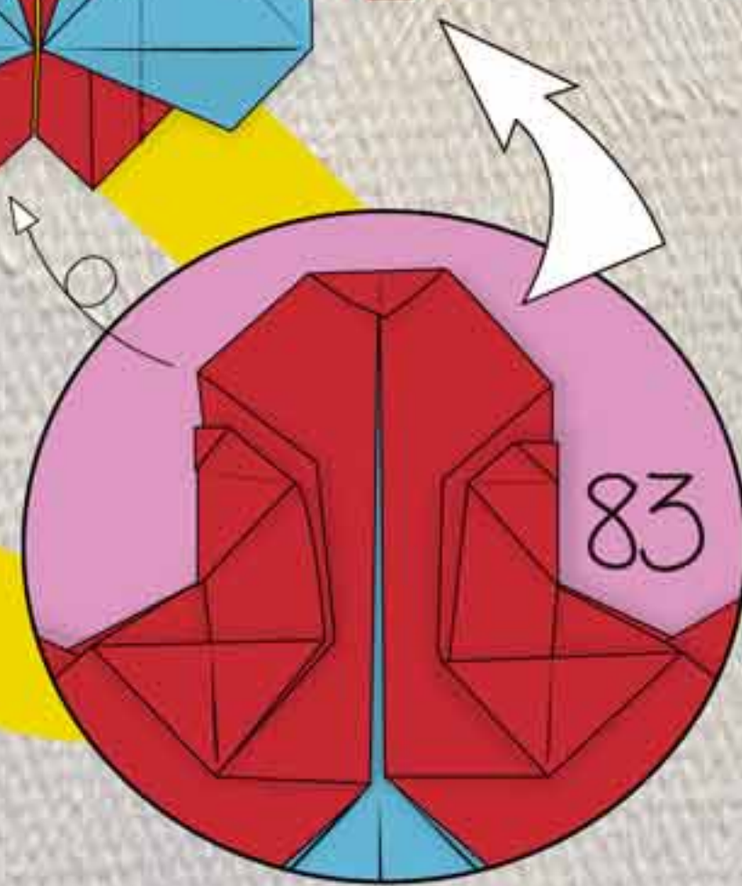

86
Back view

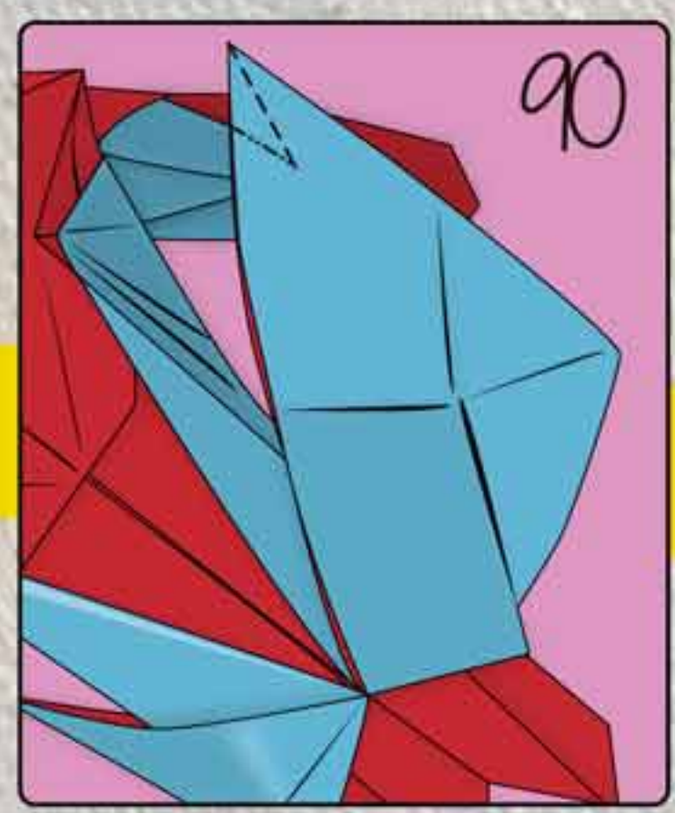
85
Front view
in 3D

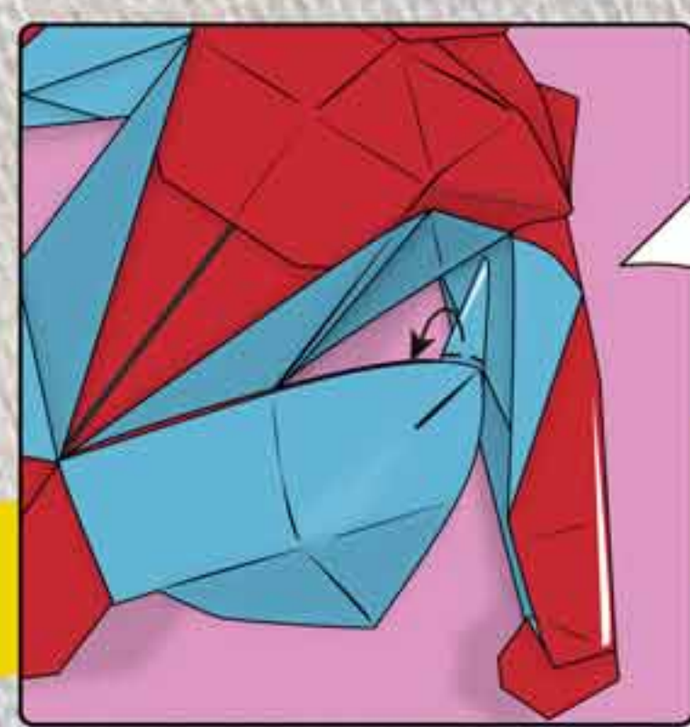

81
Squash-fold
two layers simultaneously


84
Model will
not stay flat

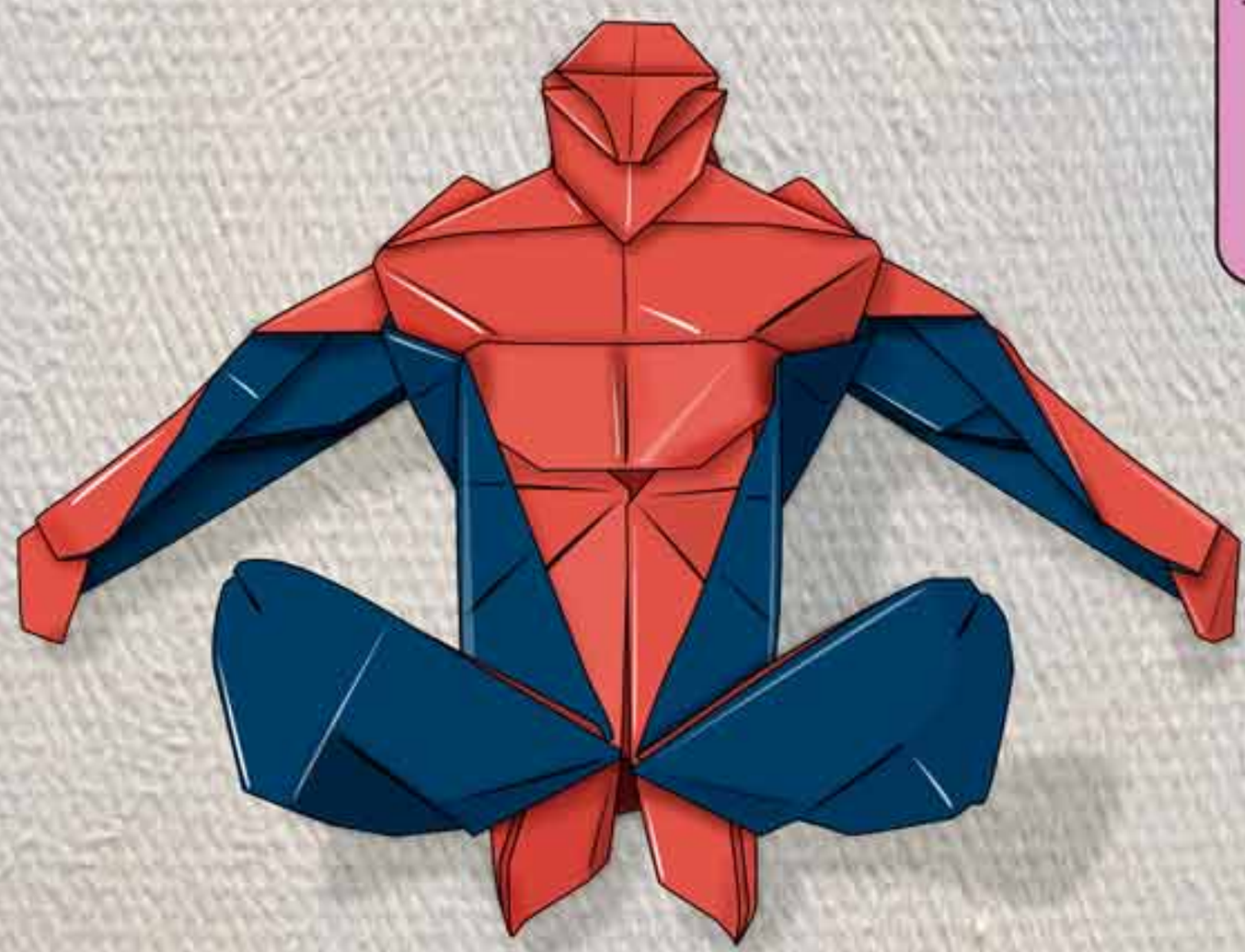

82
79-81


83



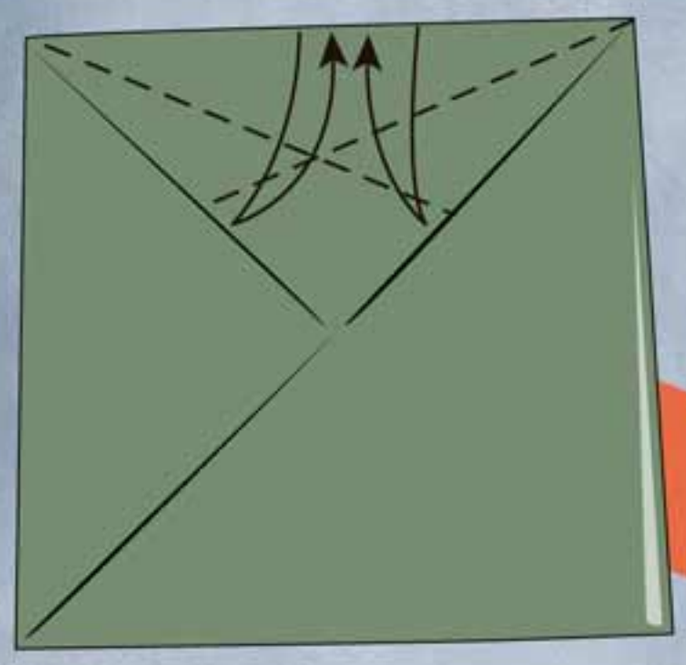


Designer: Juanfran Carrillo
Símbols: Pere Olivella
Diagrams: Halle
2013

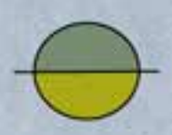


Sea Turtle

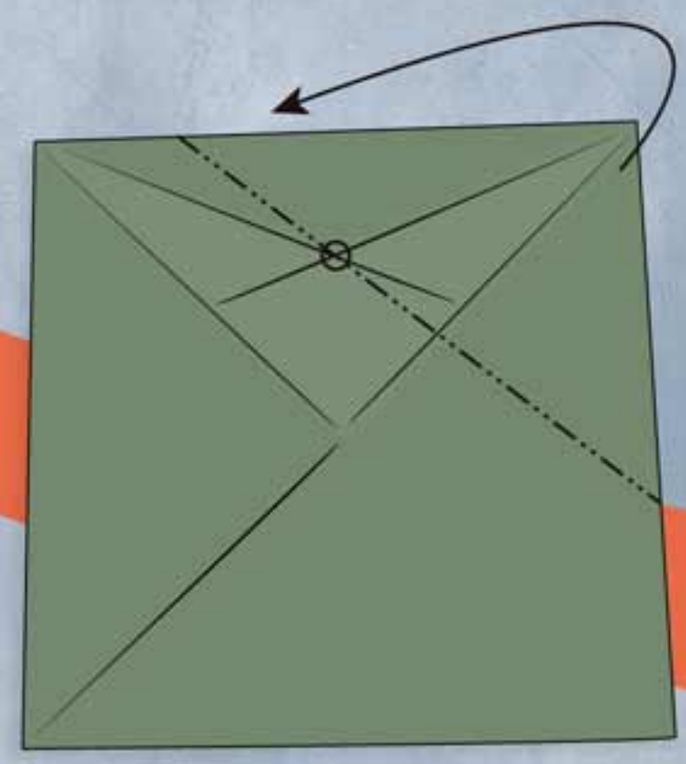
by Nguyễn Ngọc Vũ



1



25 x 25 cm
Wet folding



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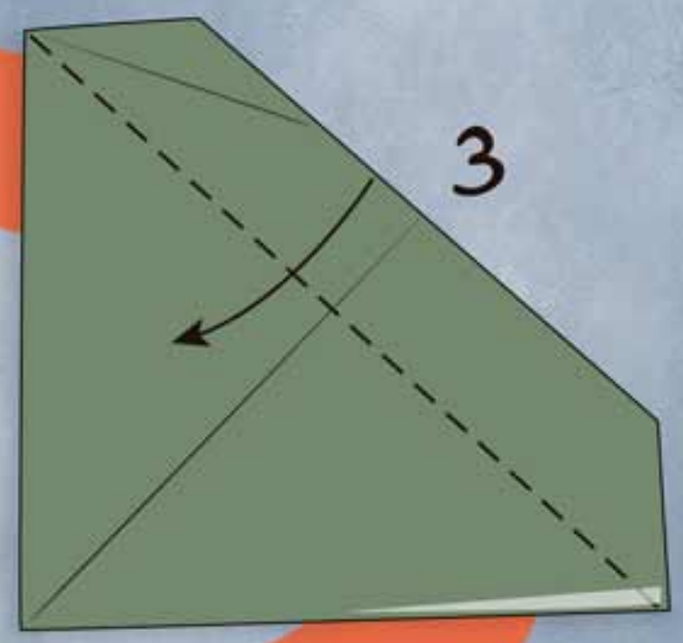
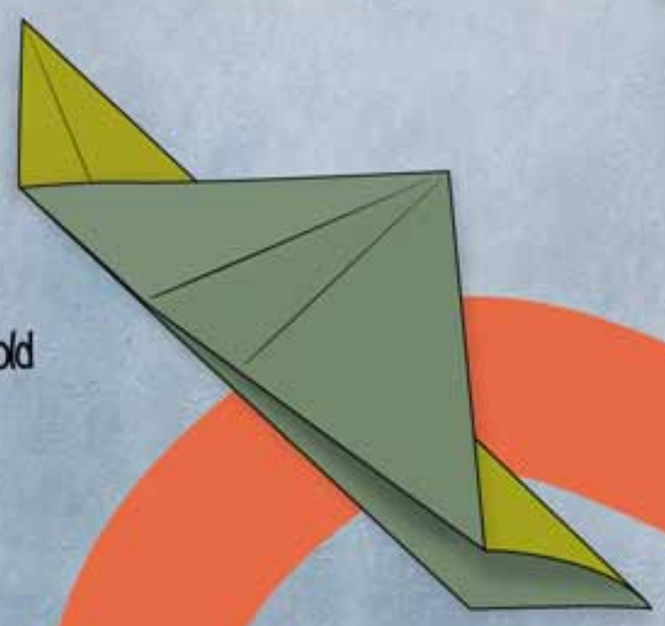
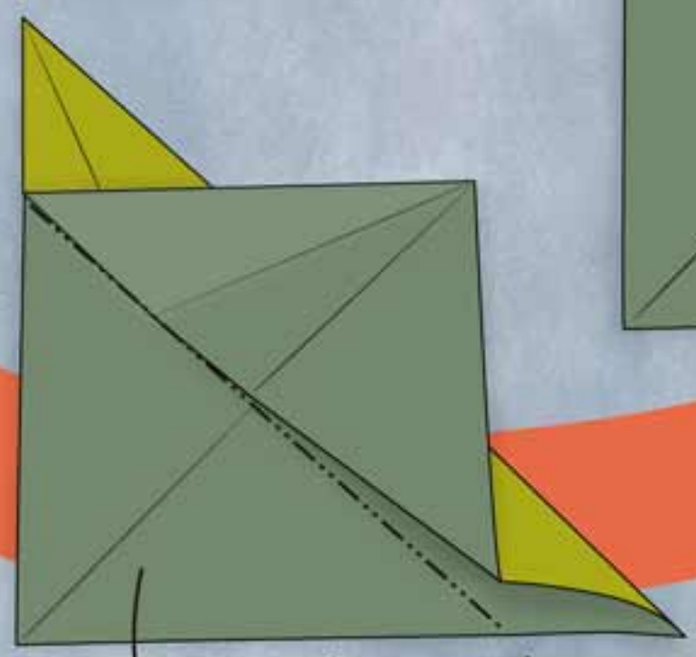


3



5
Unfold



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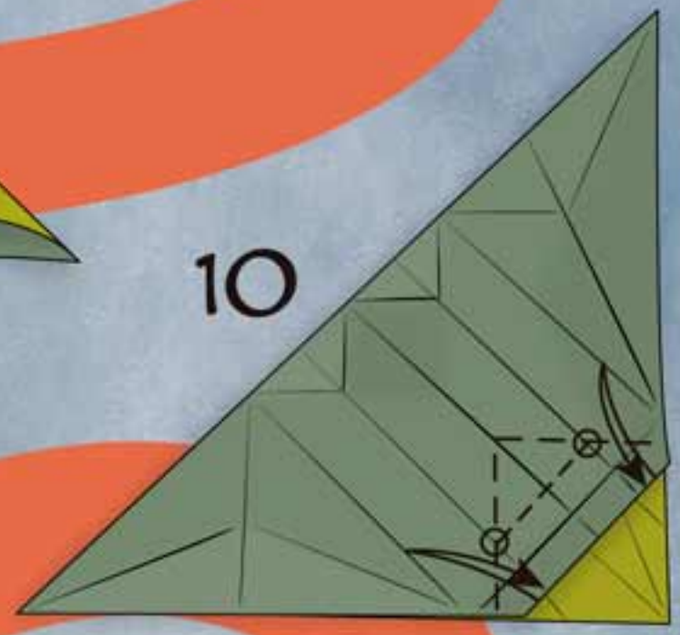
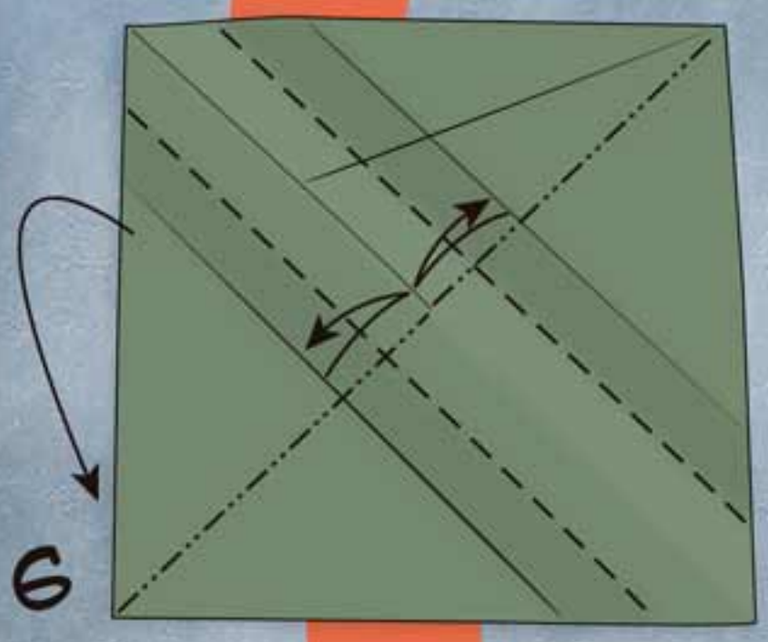


10



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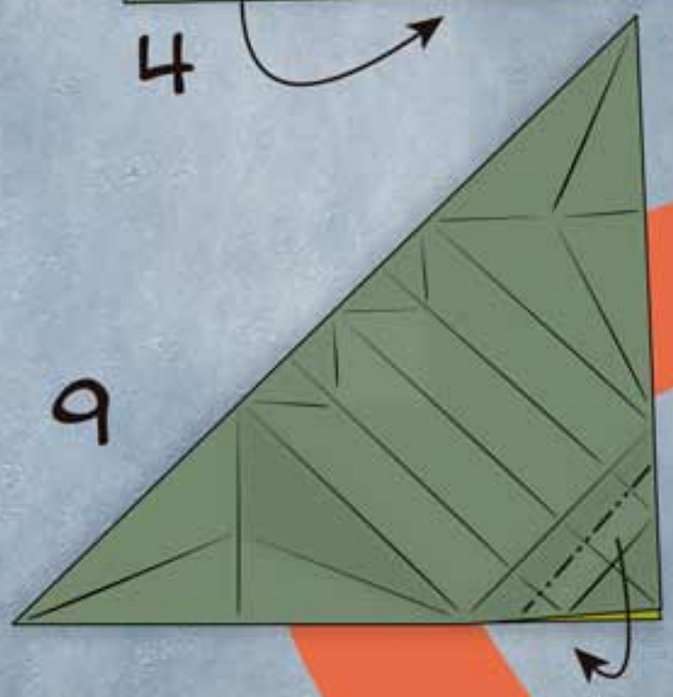
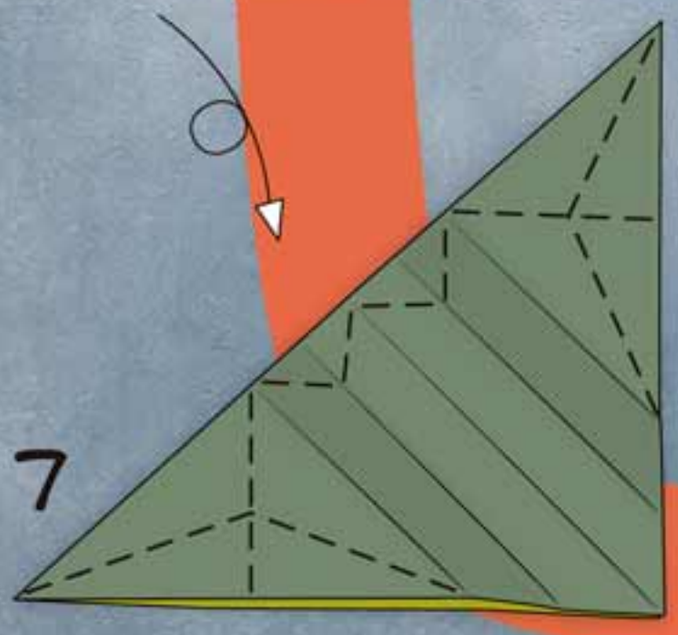


9

90º



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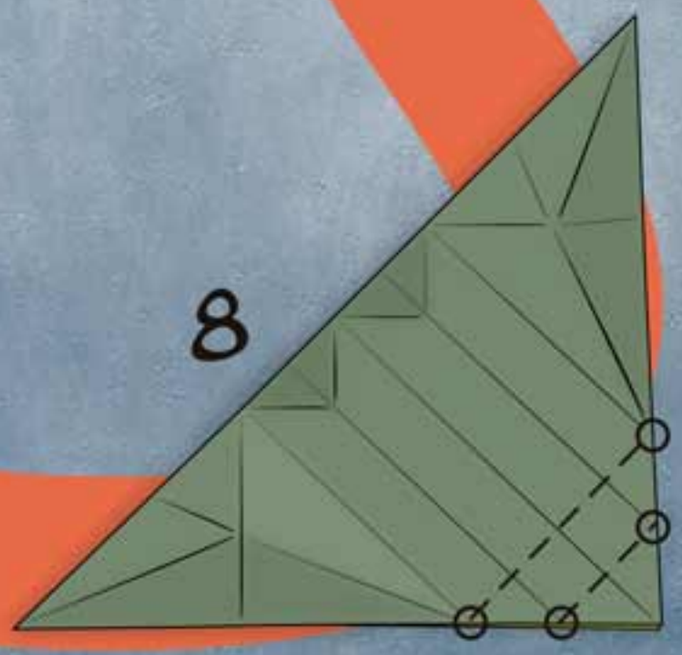

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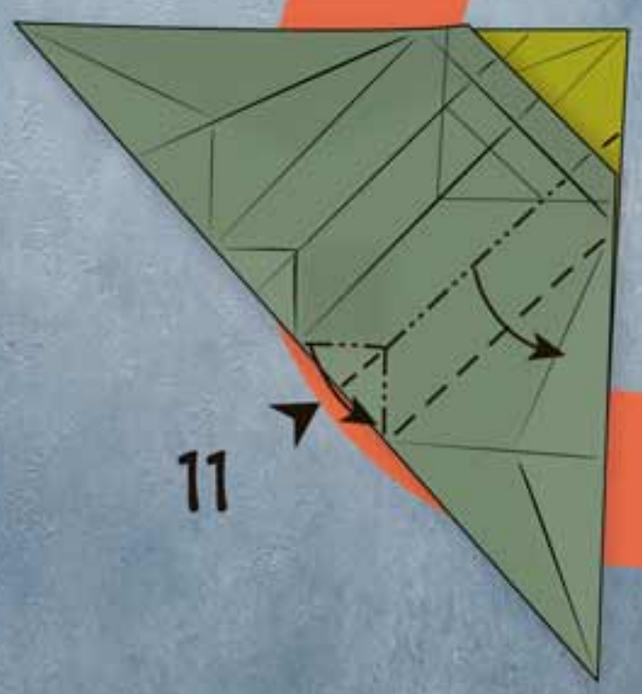

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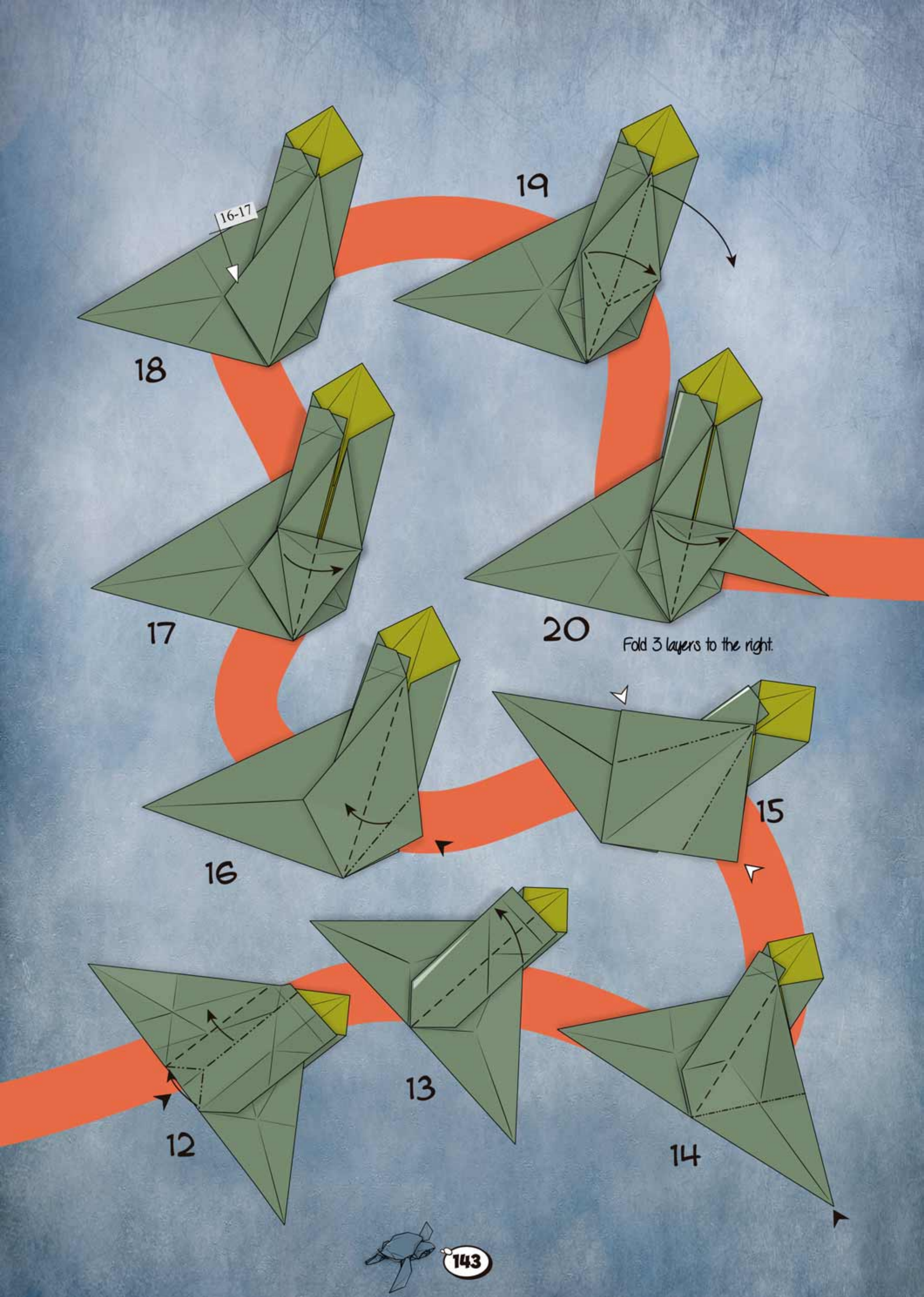
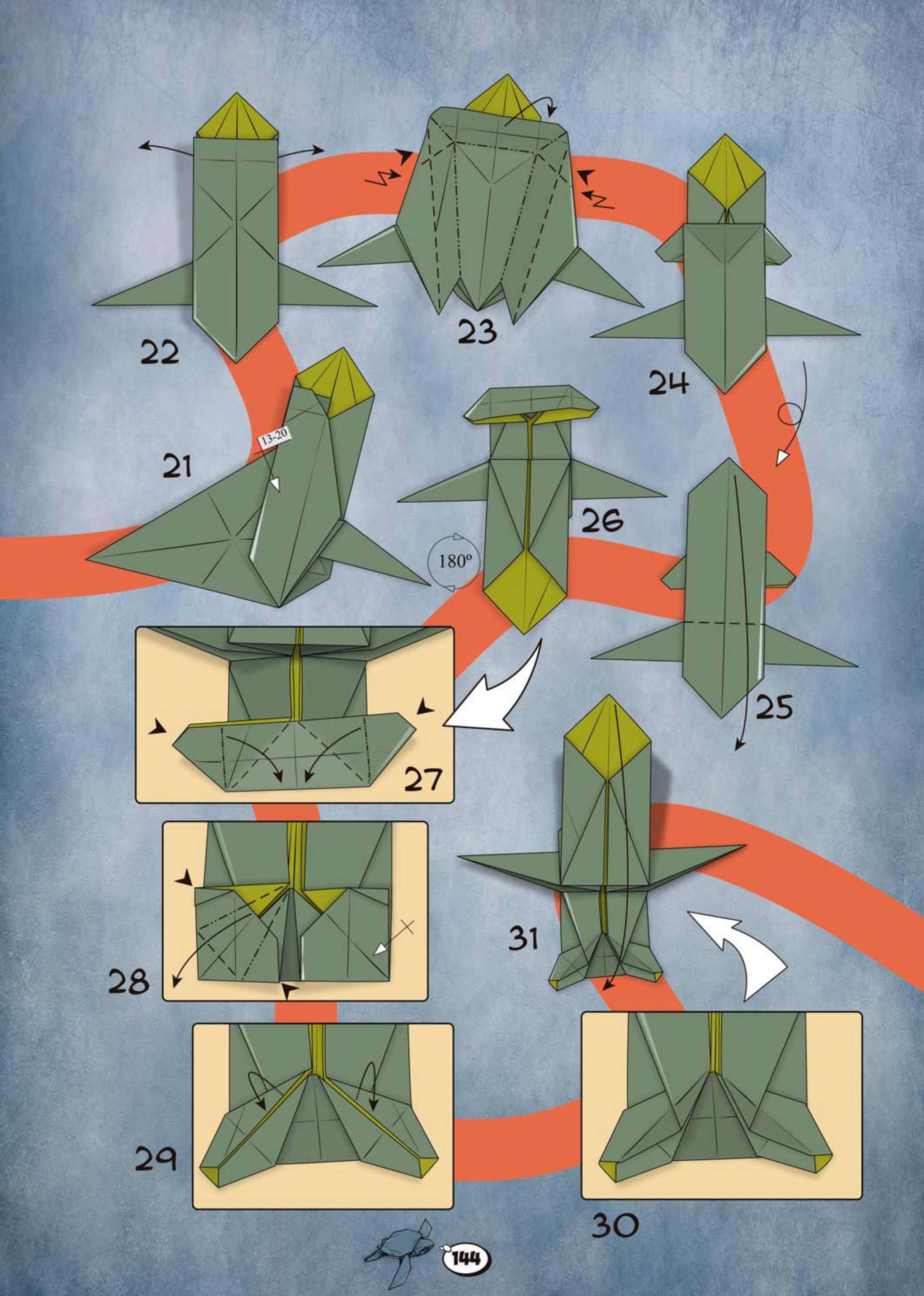
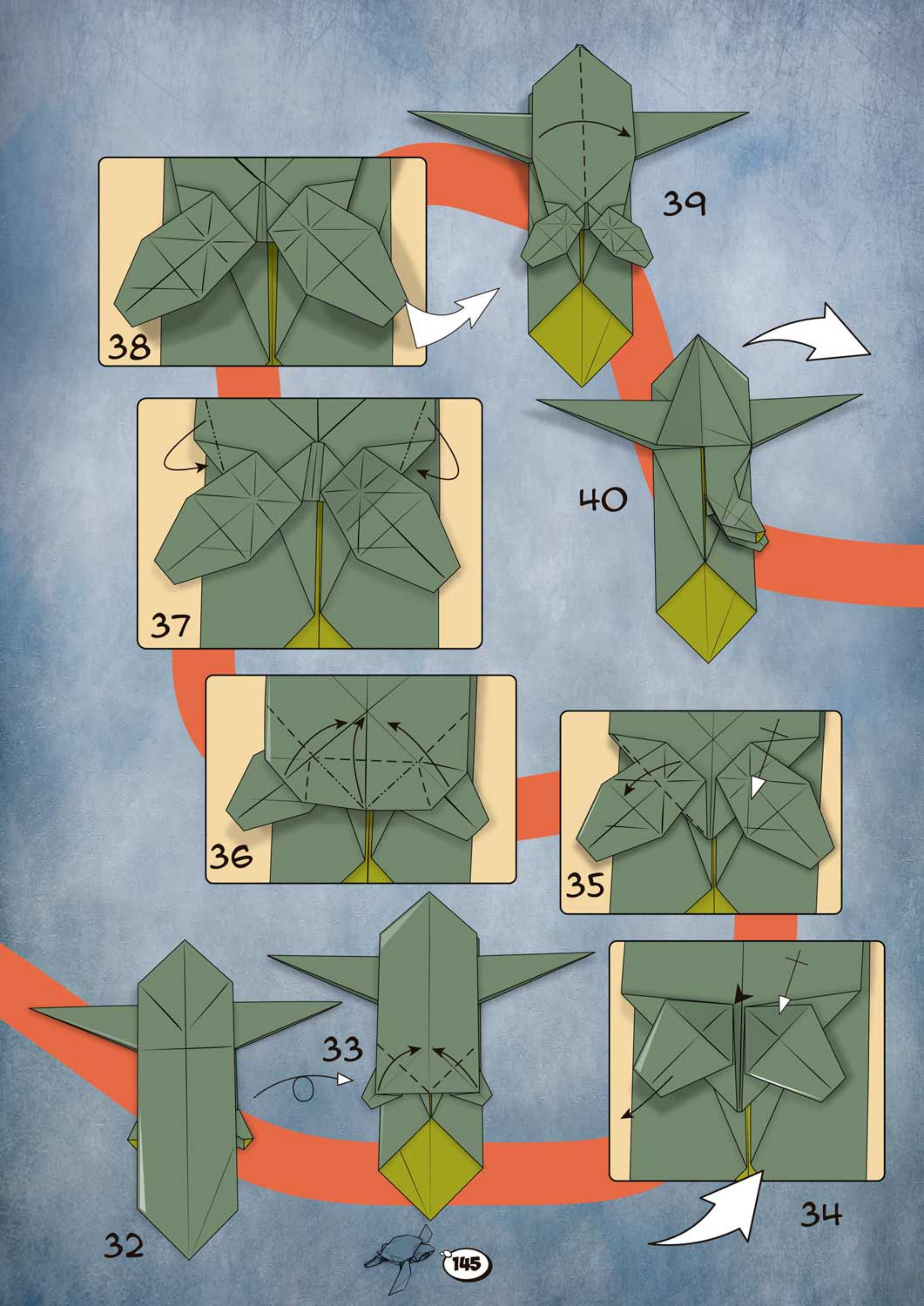

16-17
19
18
17
20
Fold 3 layers to the right.
16
15
12
13
14


22
23
24
21
13-20
26
180º
25
27
31
28
29
30


38
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35
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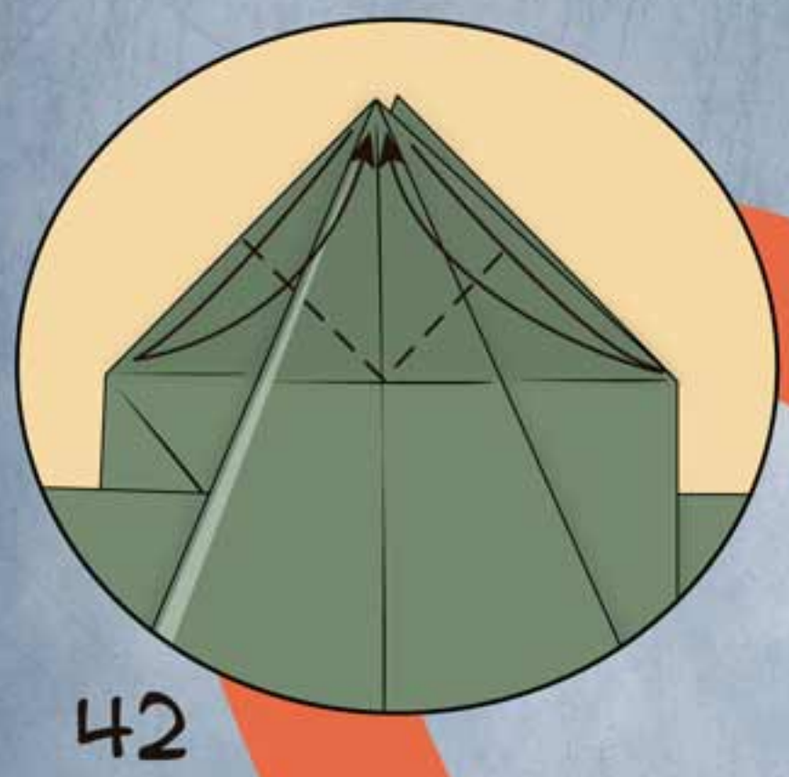
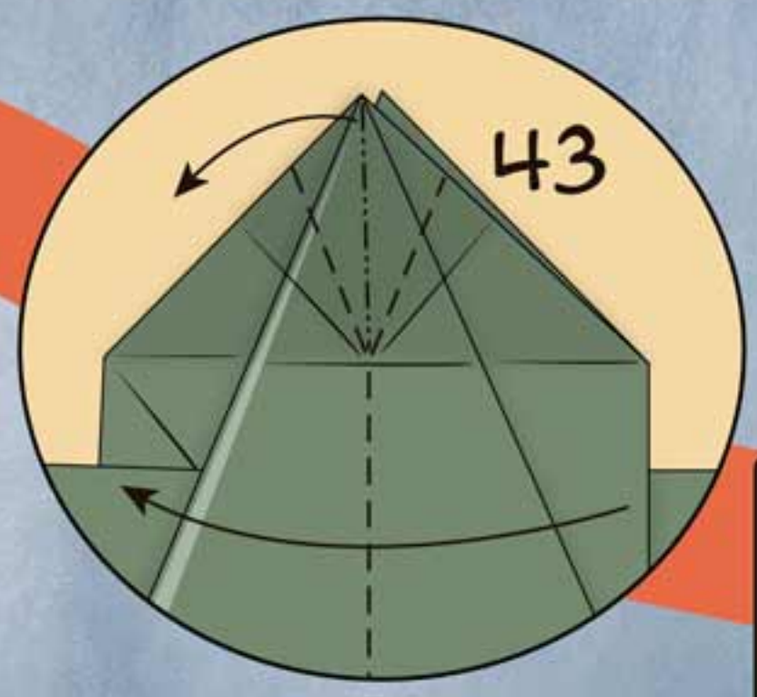
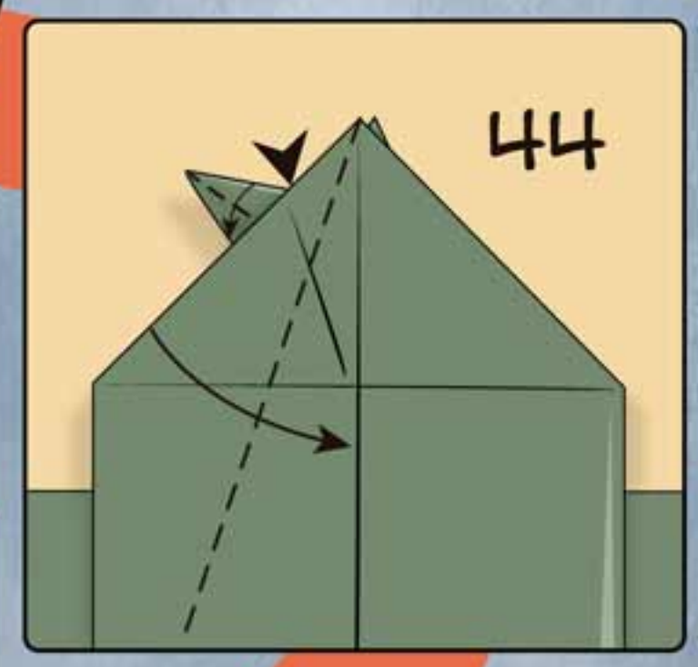
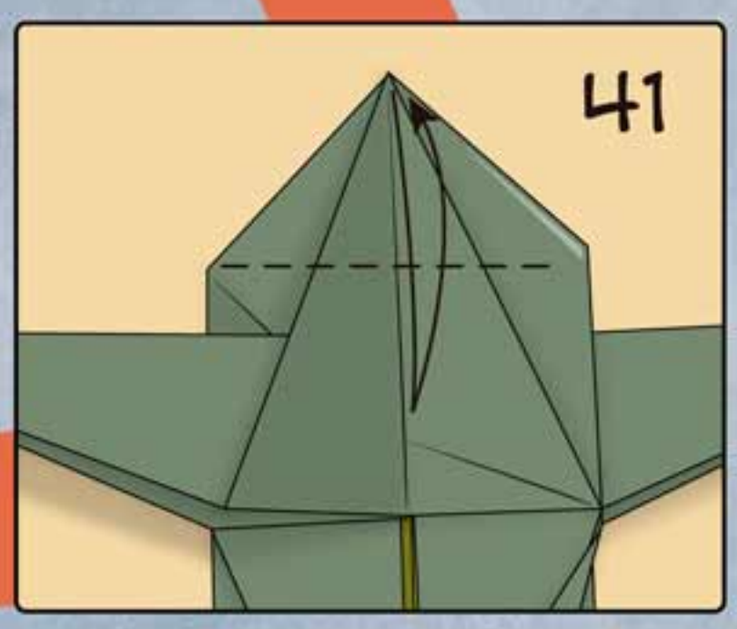
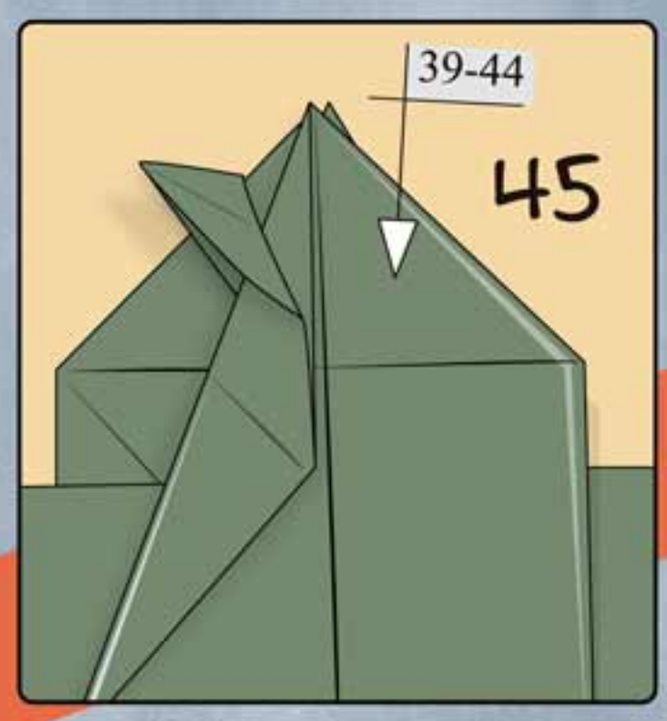
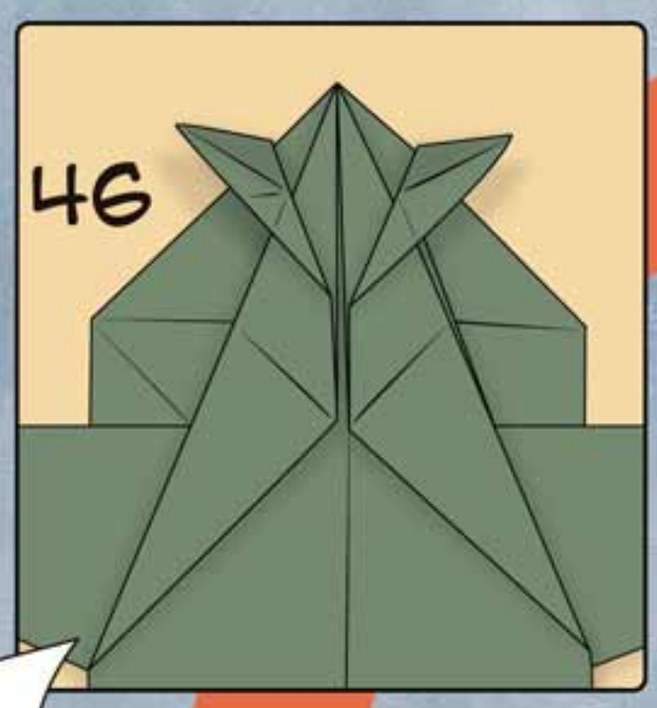


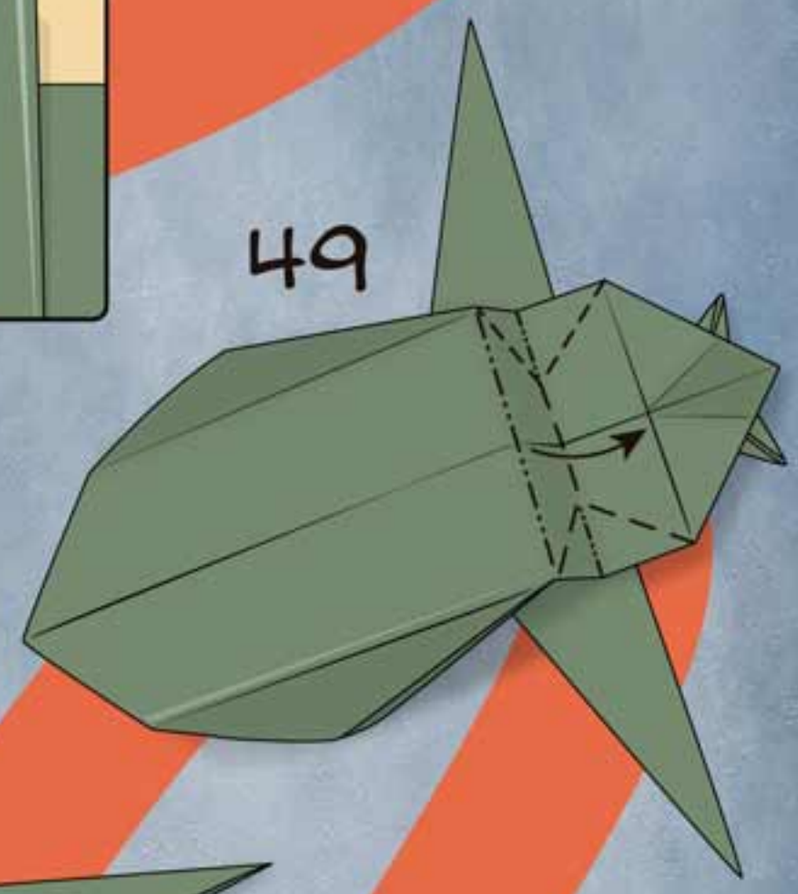


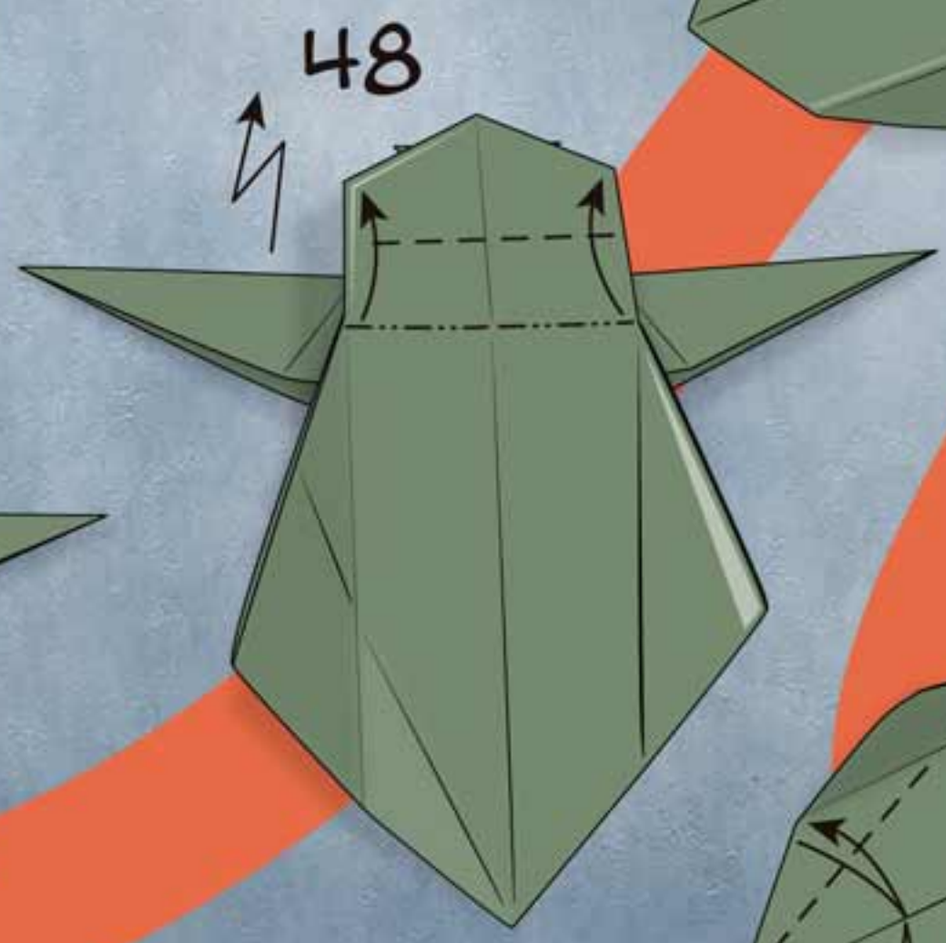


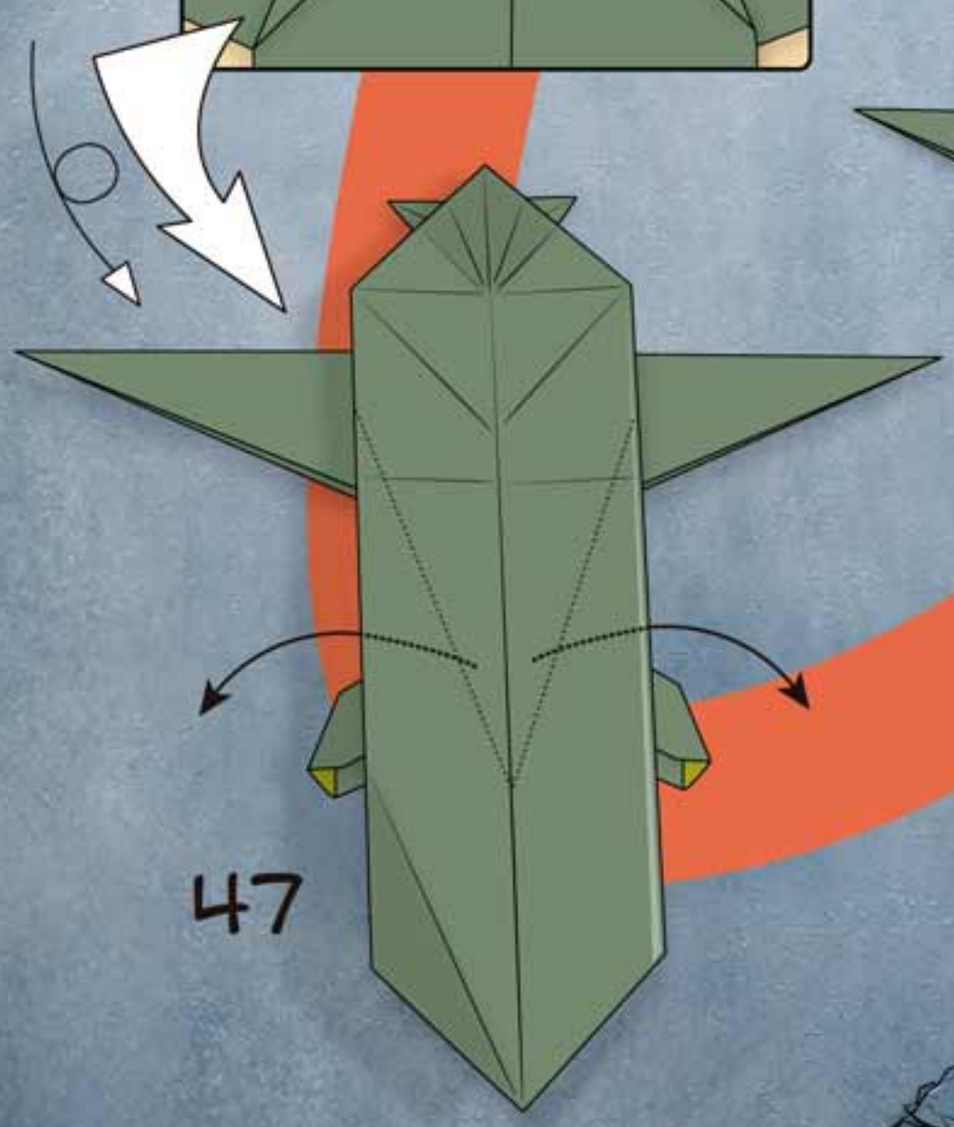


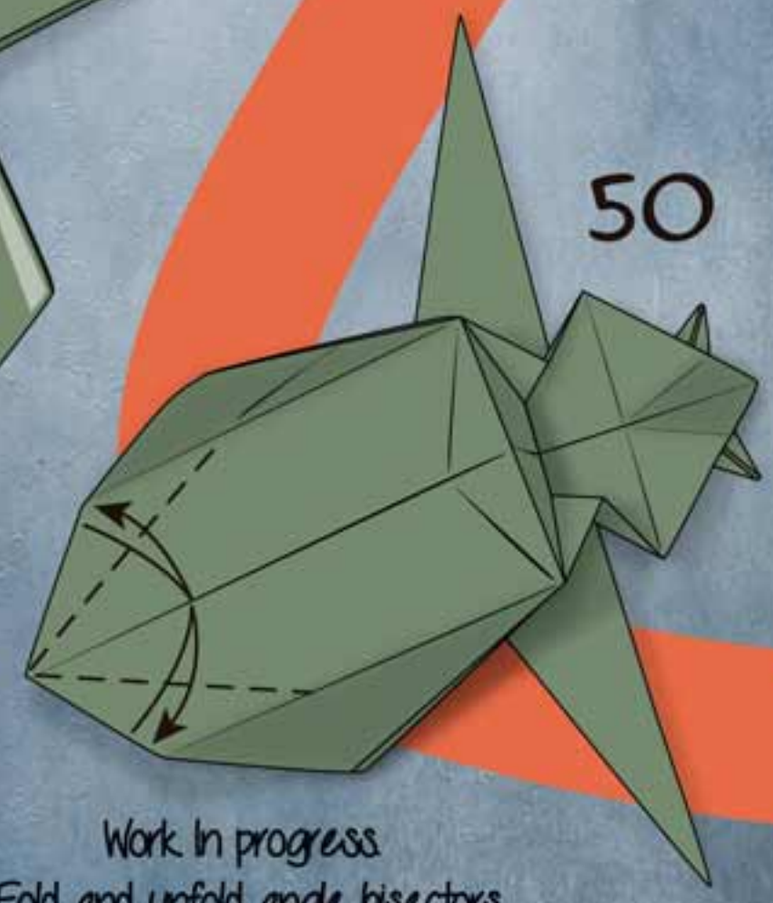




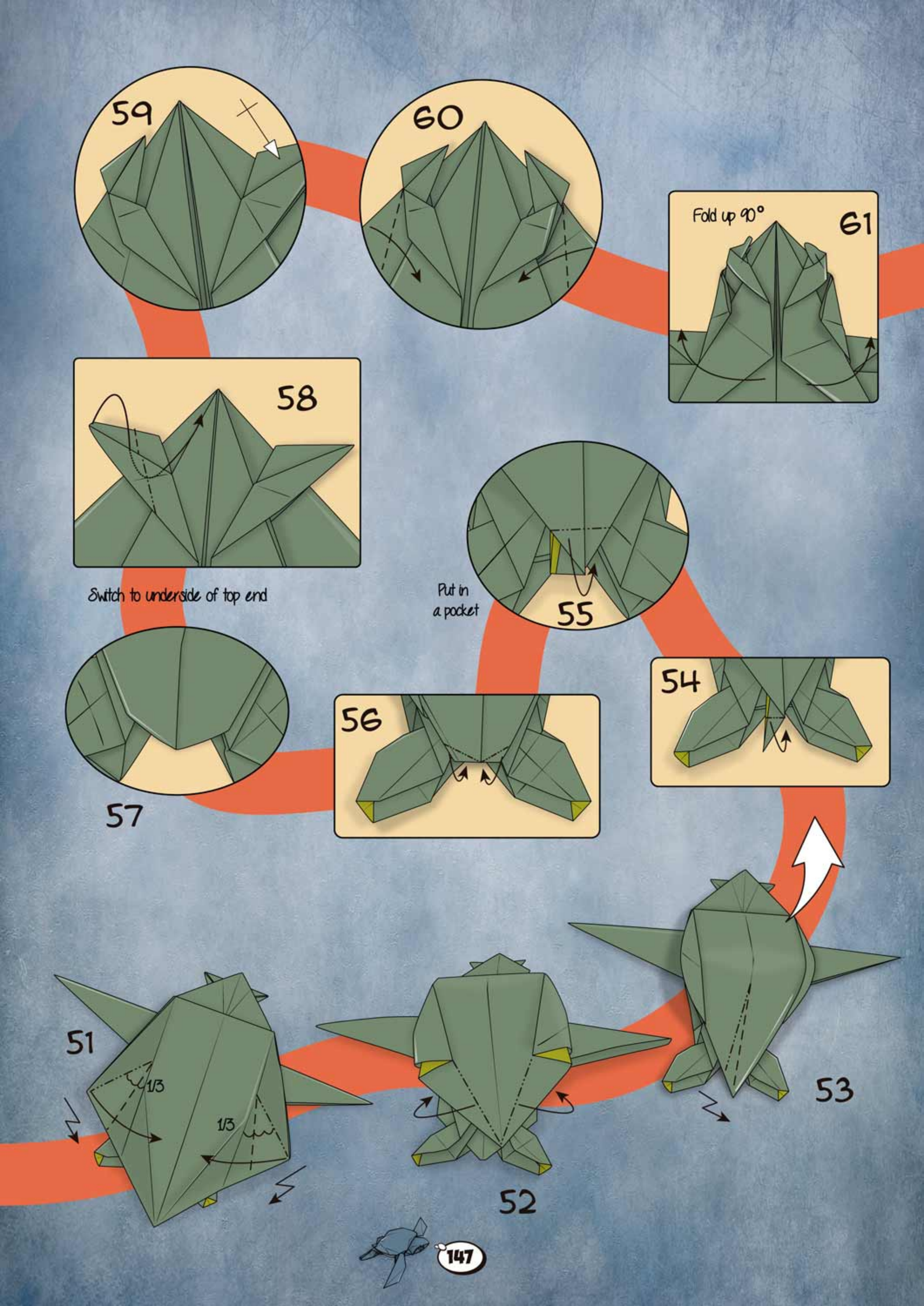


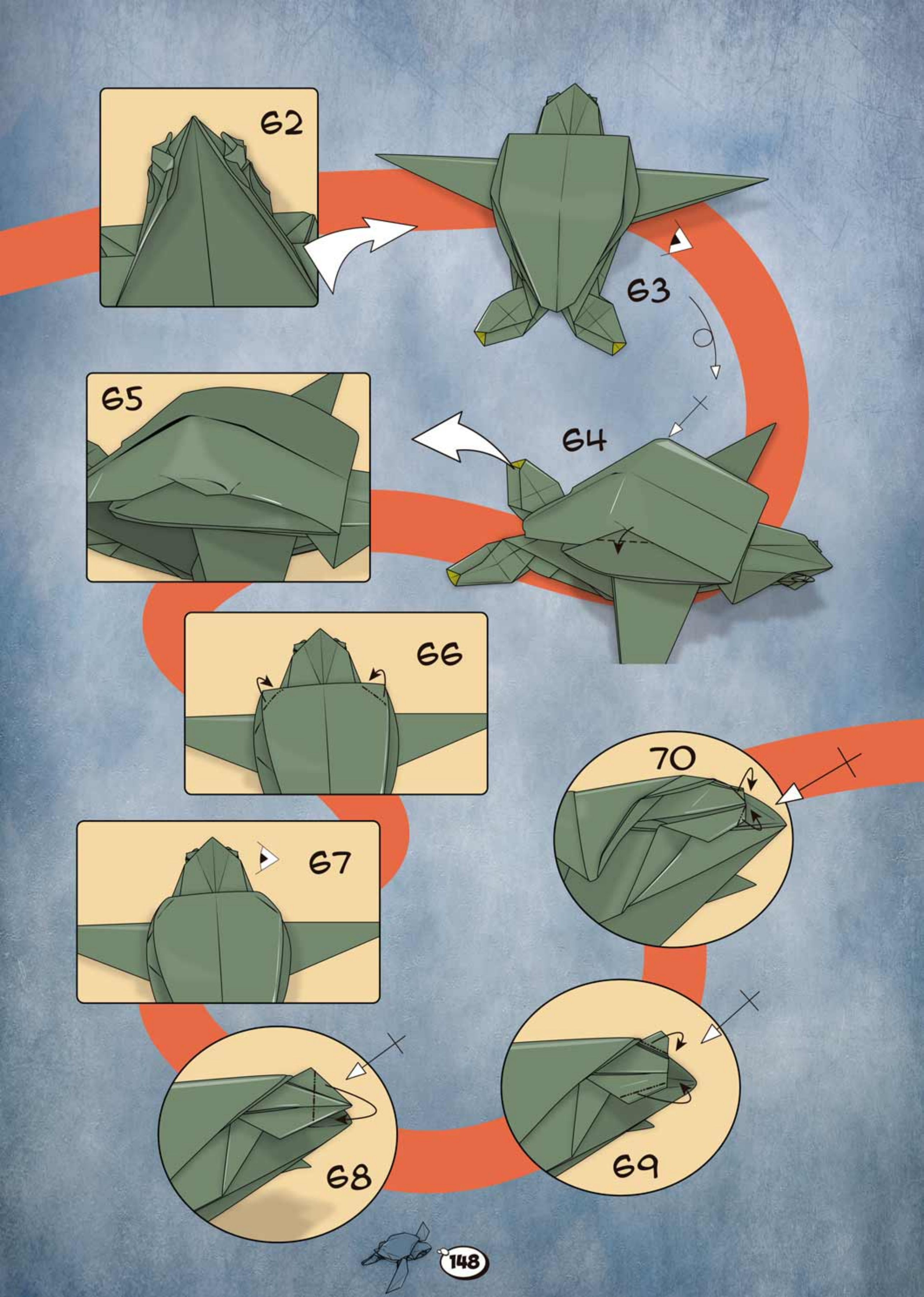




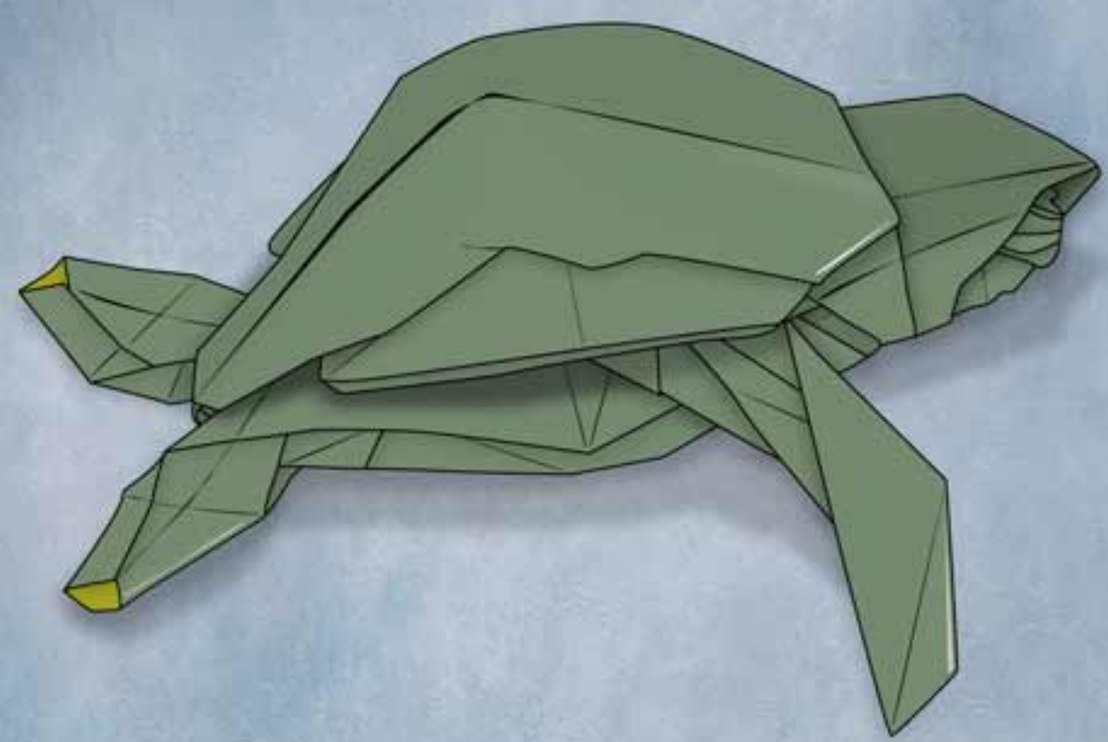


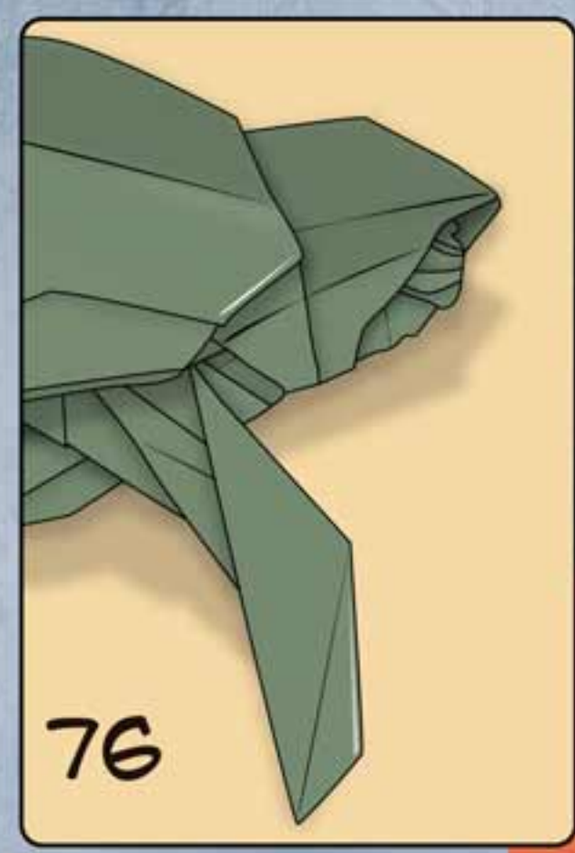
Work In progress
Fold and unfold angle bisectors

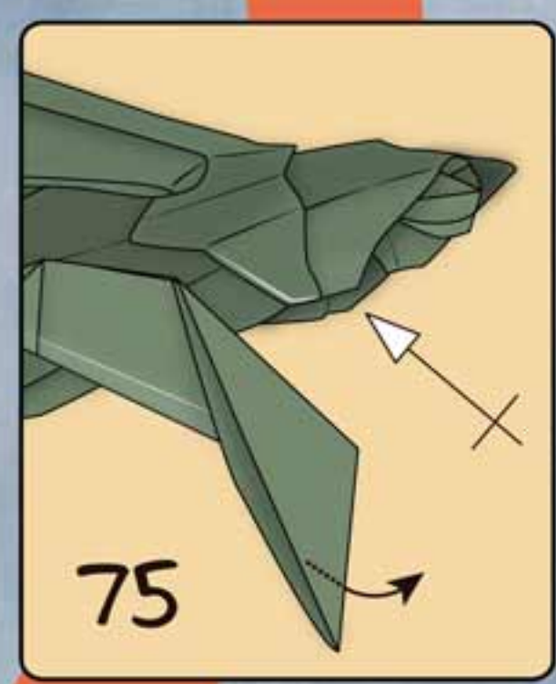

59
60
Fold up 90°
61
58
Switch to underside of top end
Put in
a pocket
55
57
56
54
51
1/3
1/3
52
53

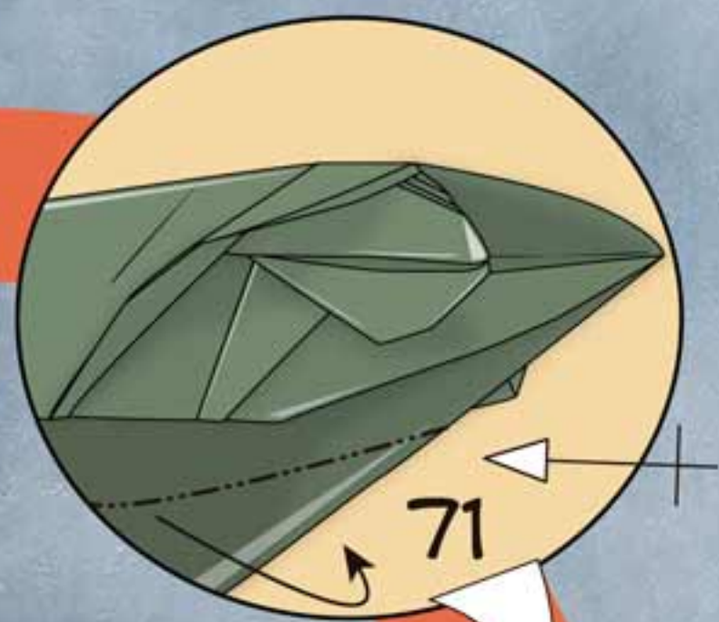

62
63
64
65
66
67
68
69
70

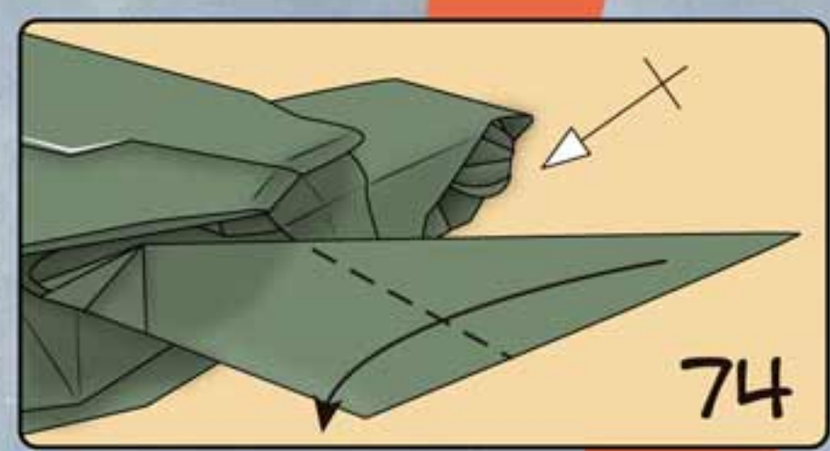
Designer : Nguyen Ngoc Vu
Photodiagrams and Symbols :
Pere Olivella
Diagrams : Halle 2014

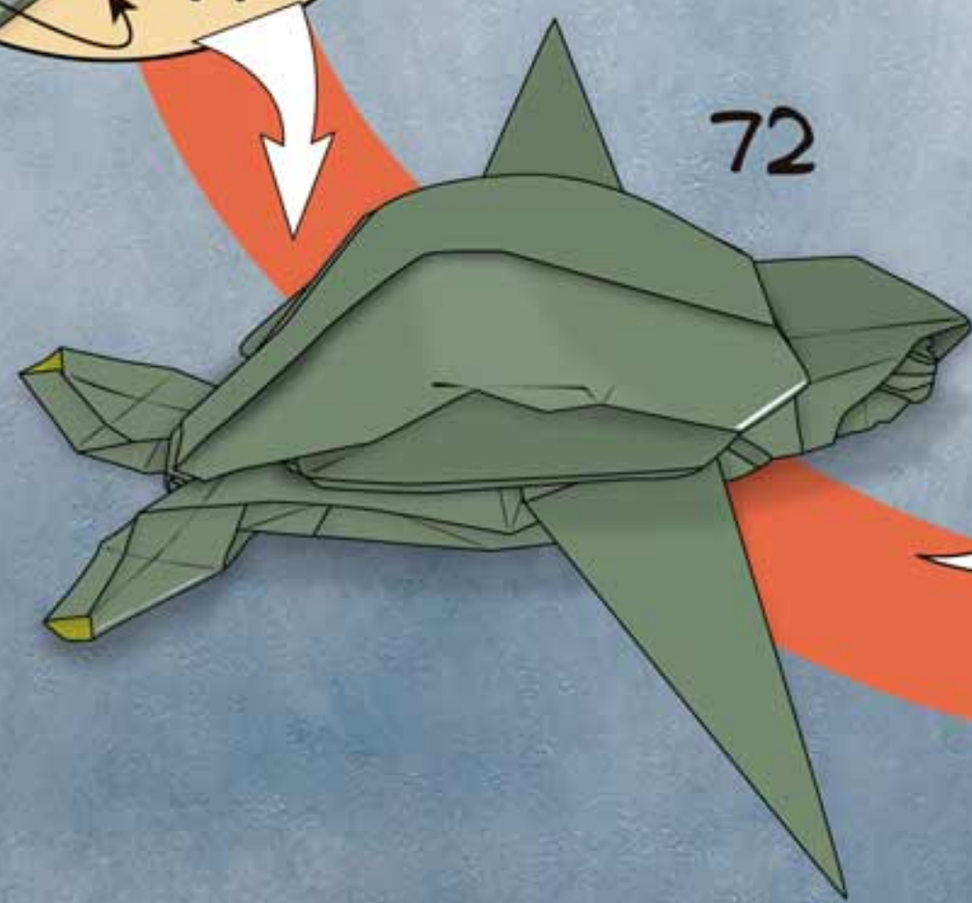


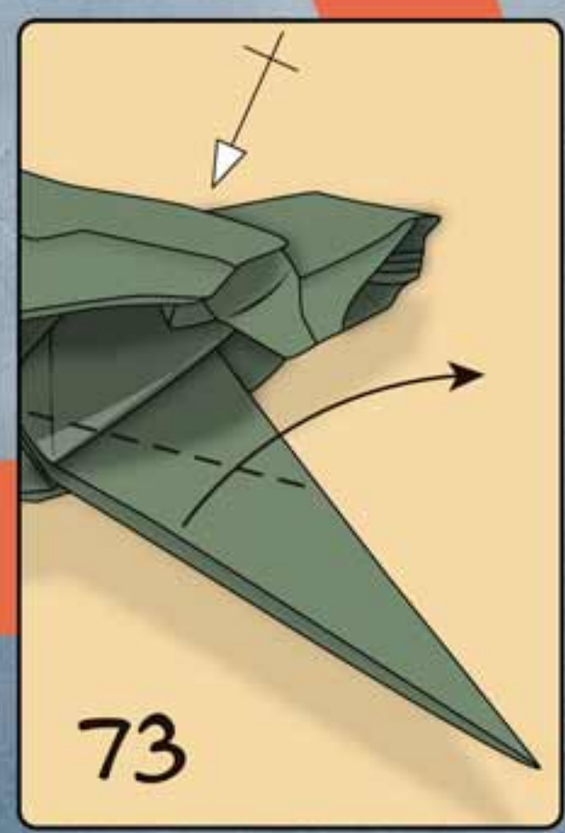


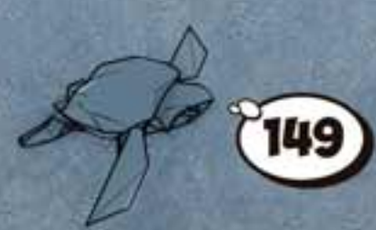






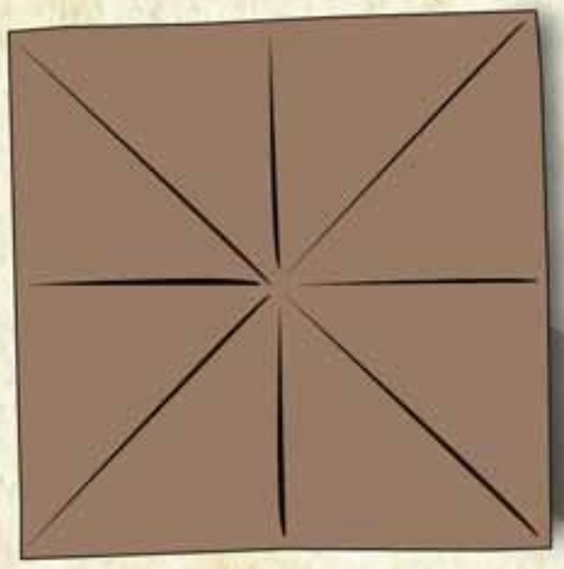






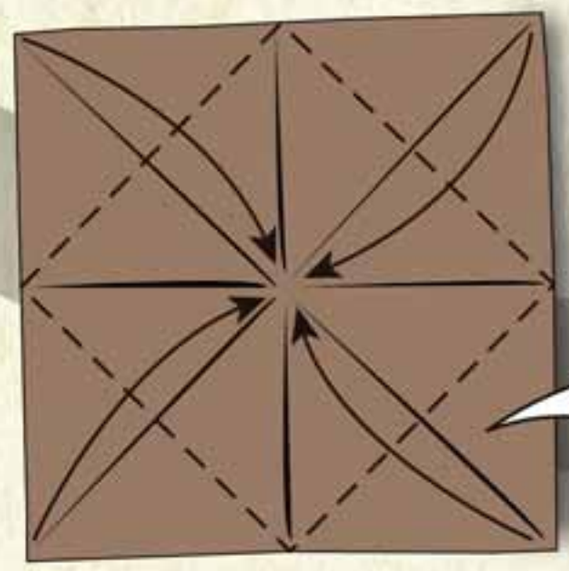
Bambi

by Quentin Trollip



1

40 X 40 cm



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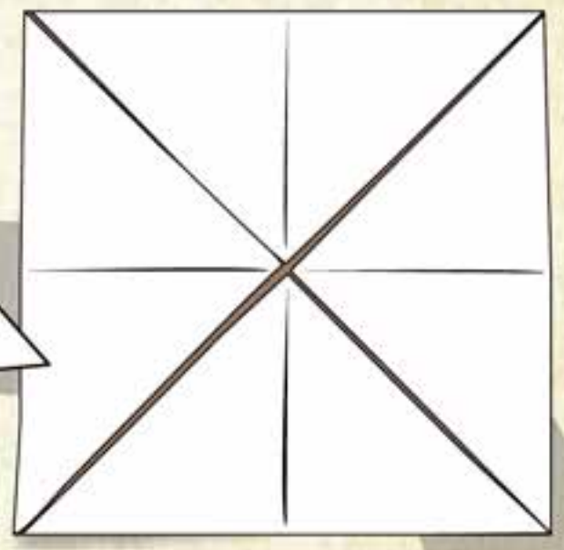

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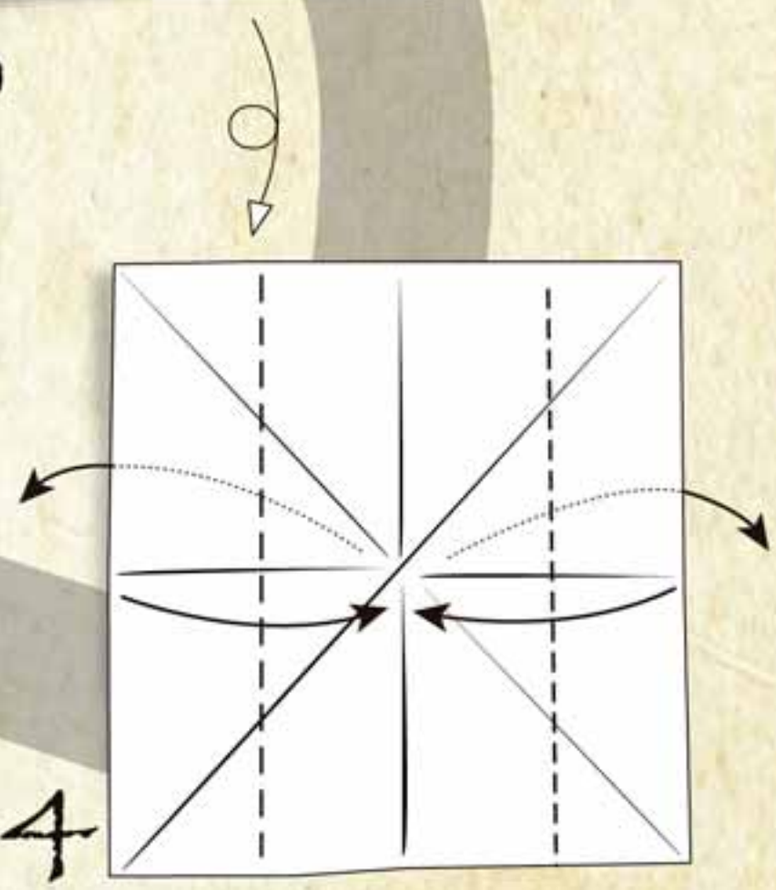

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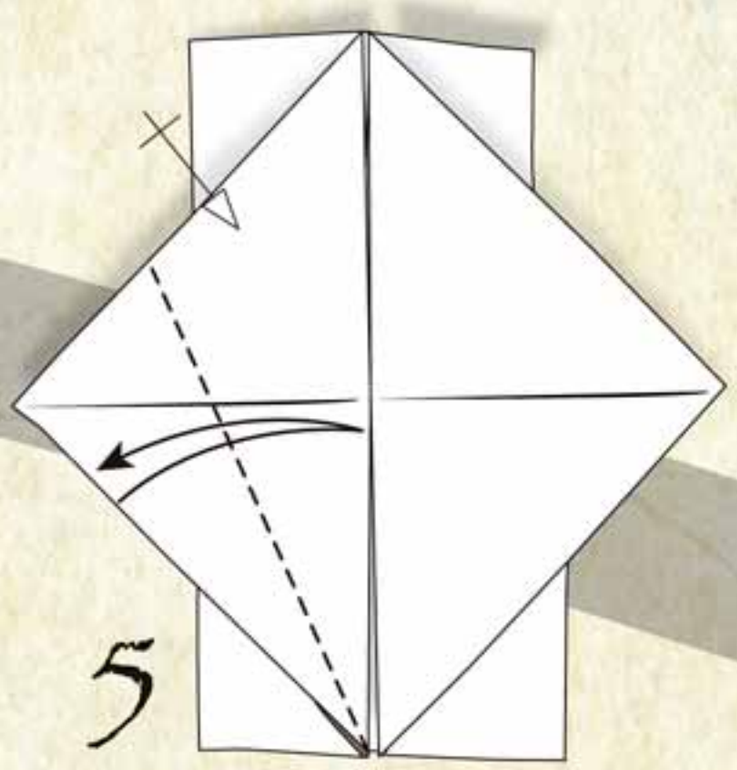

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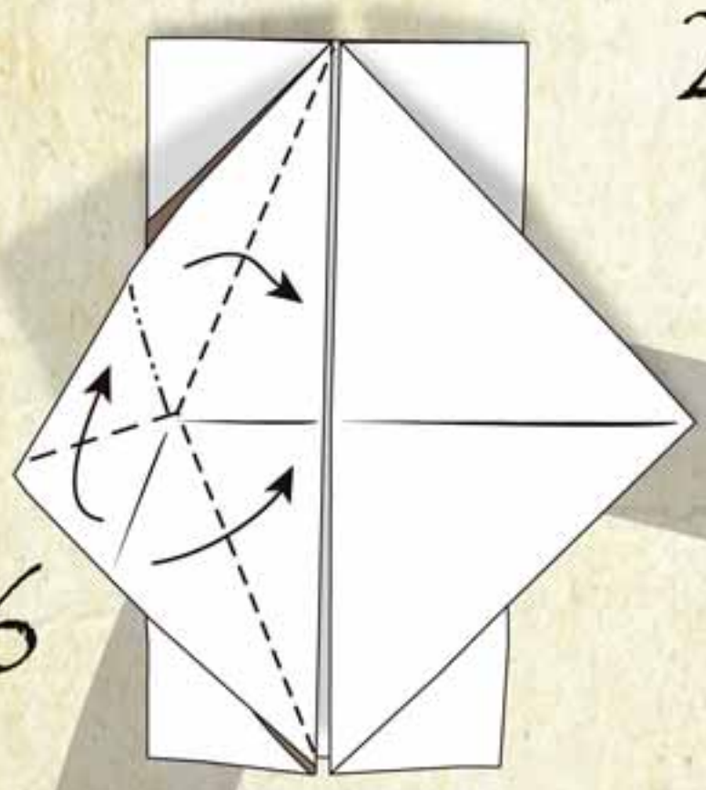

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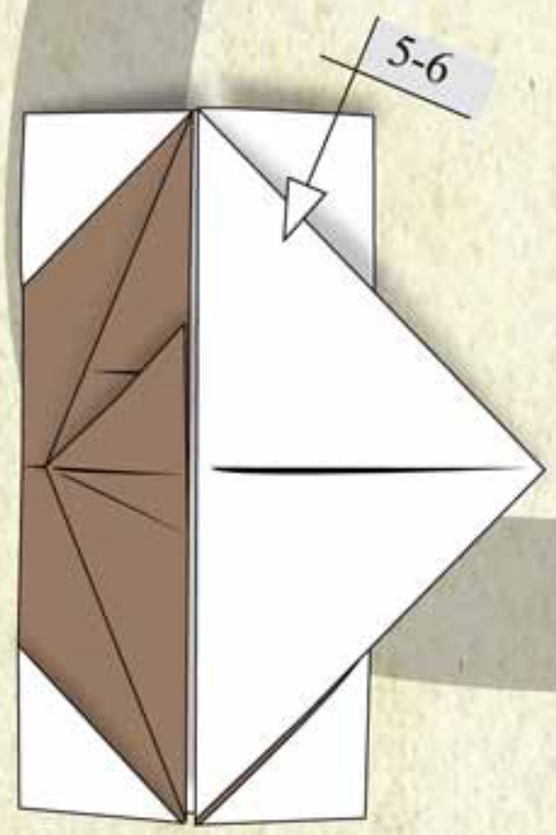

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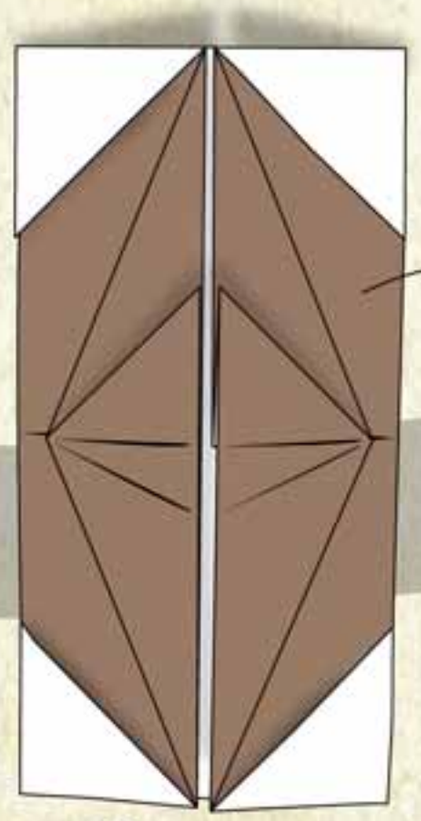

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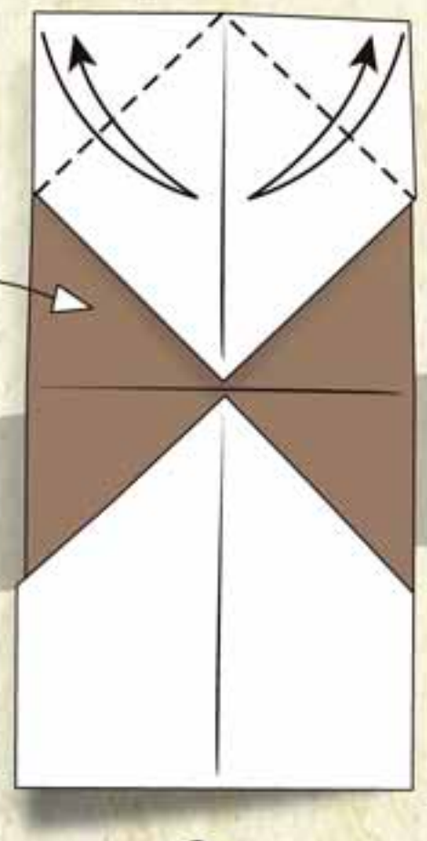

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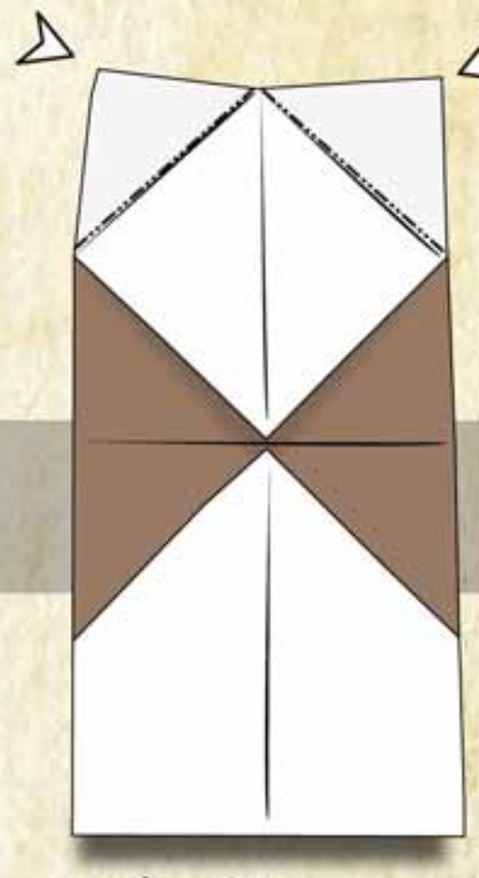

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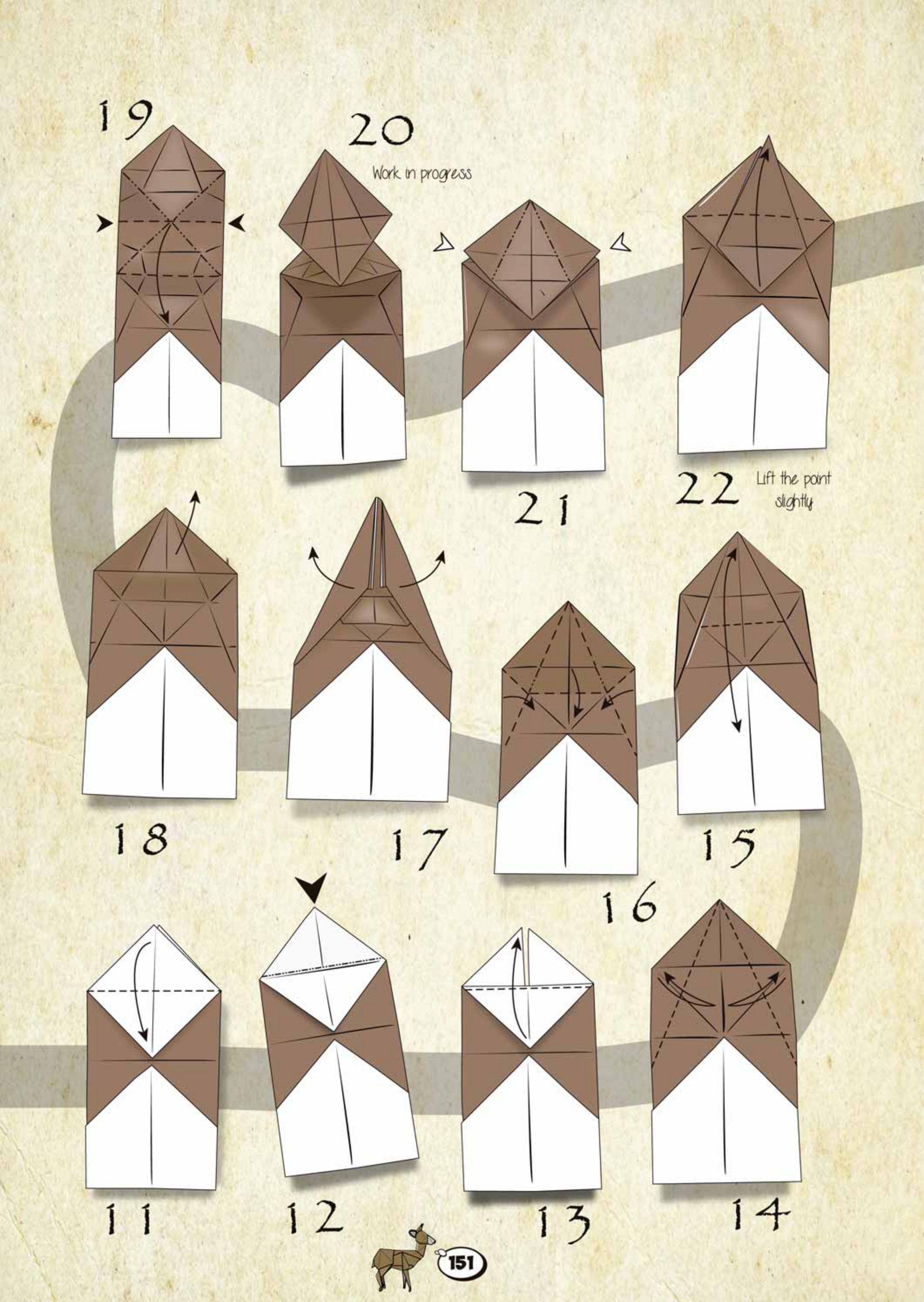
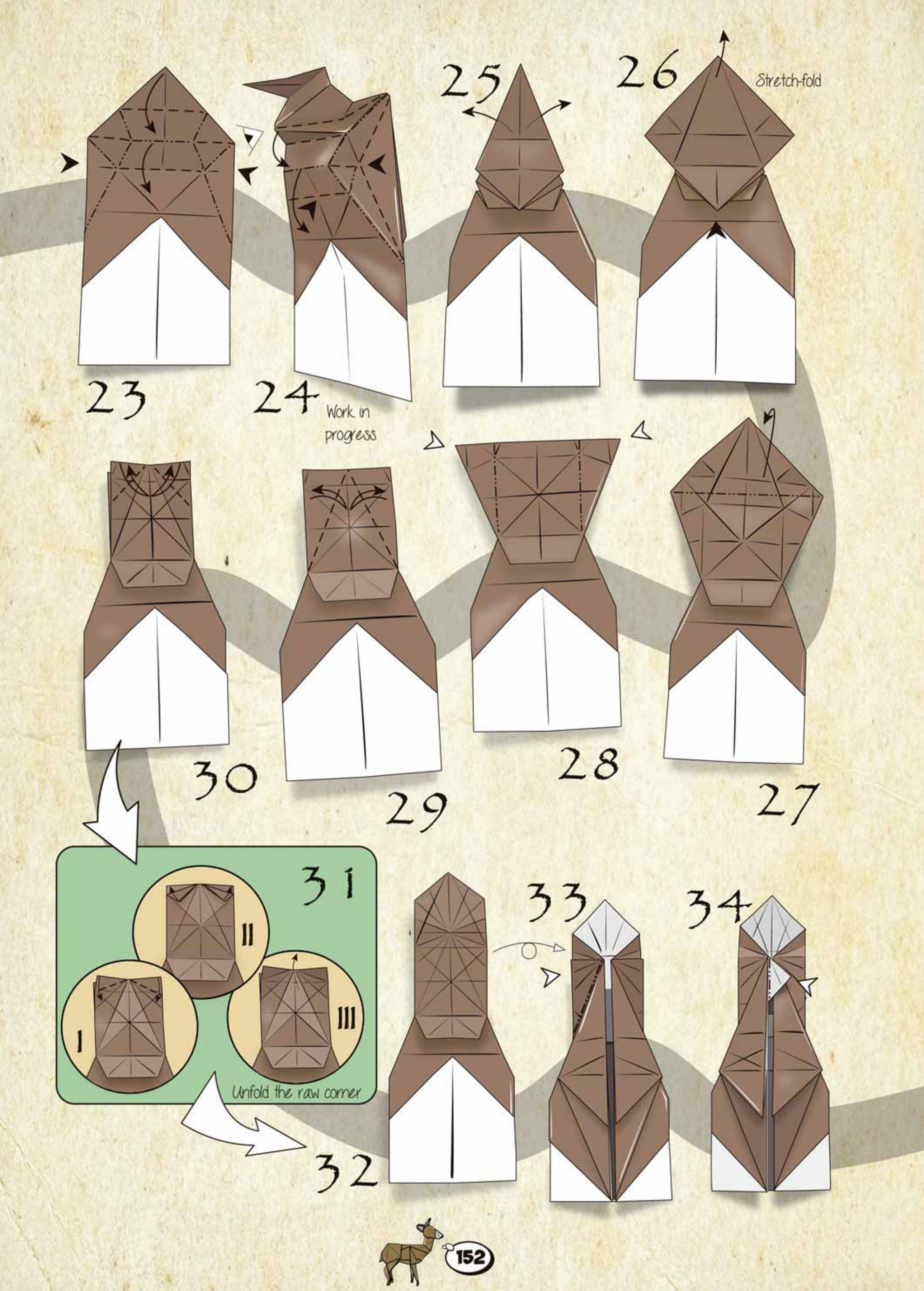
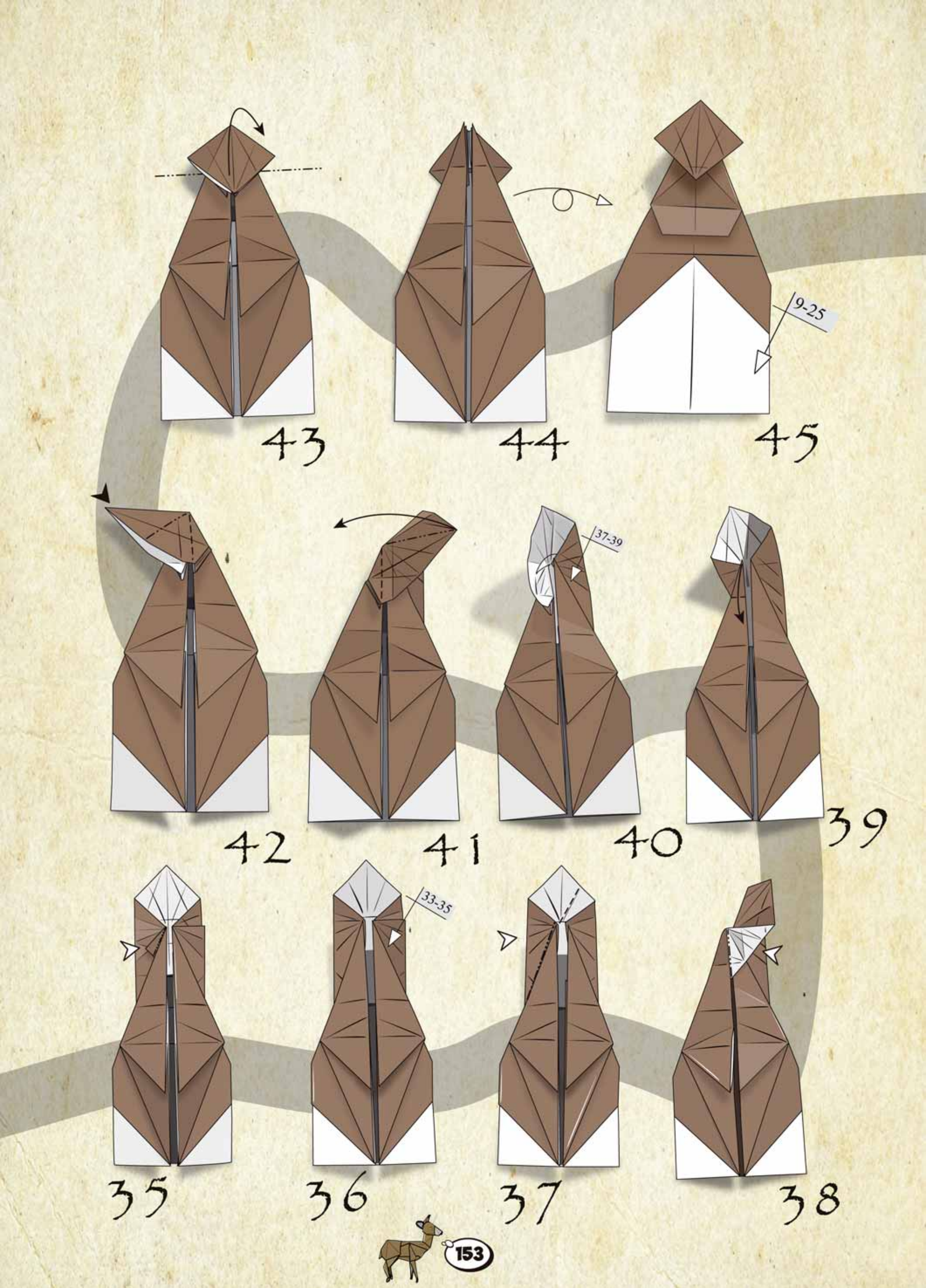
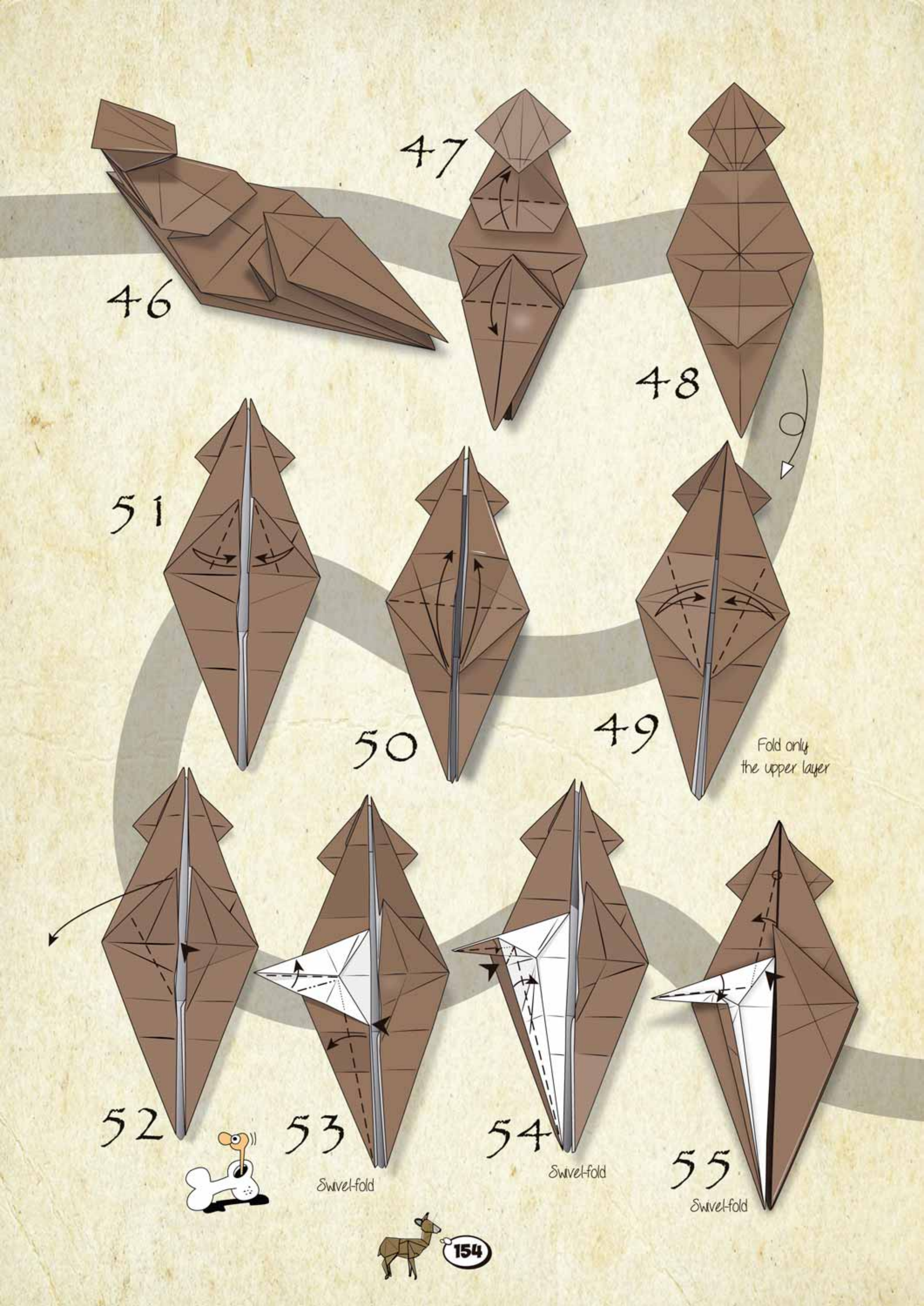
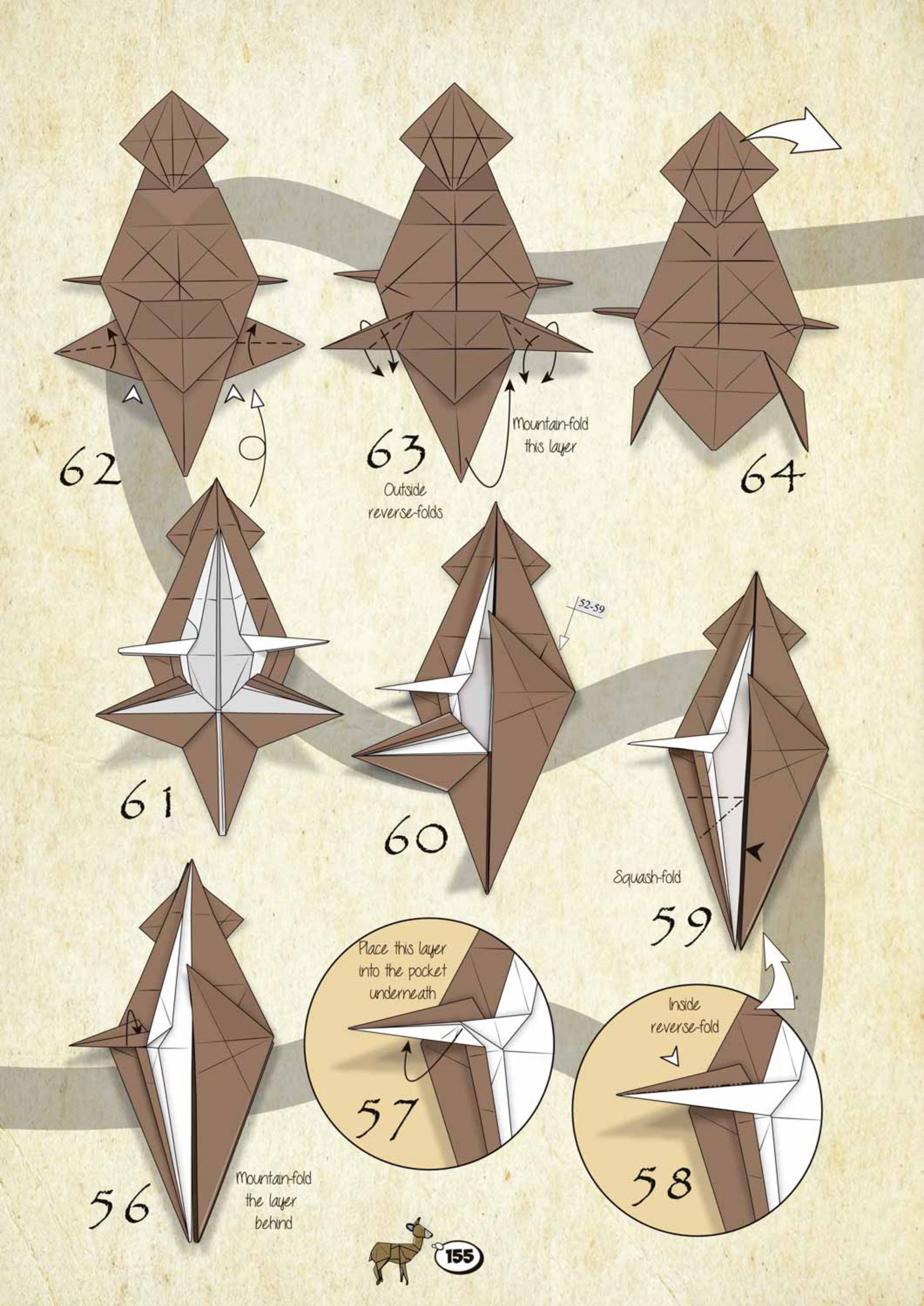
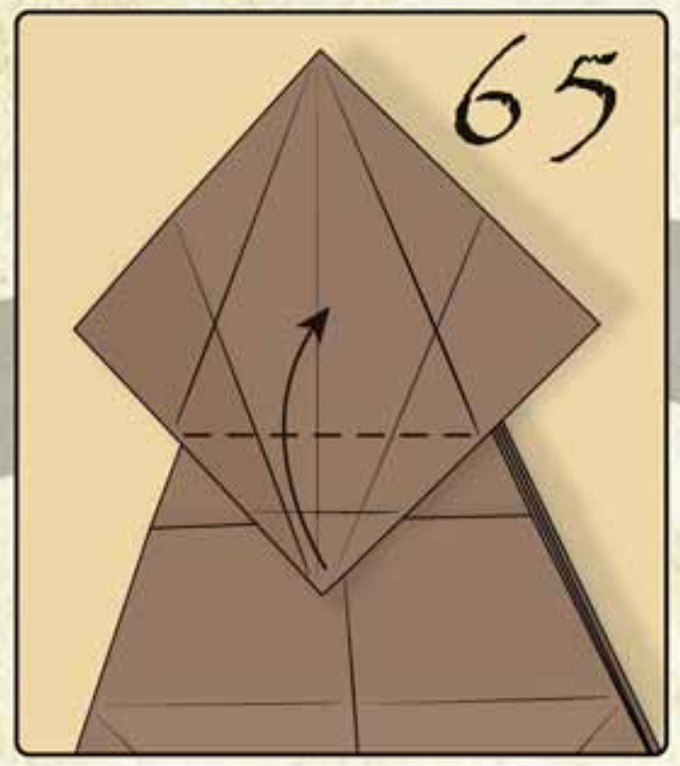

19
20
Work in progress
21
22
Lift the point slightly
18
17
16
15
11
12
13
14

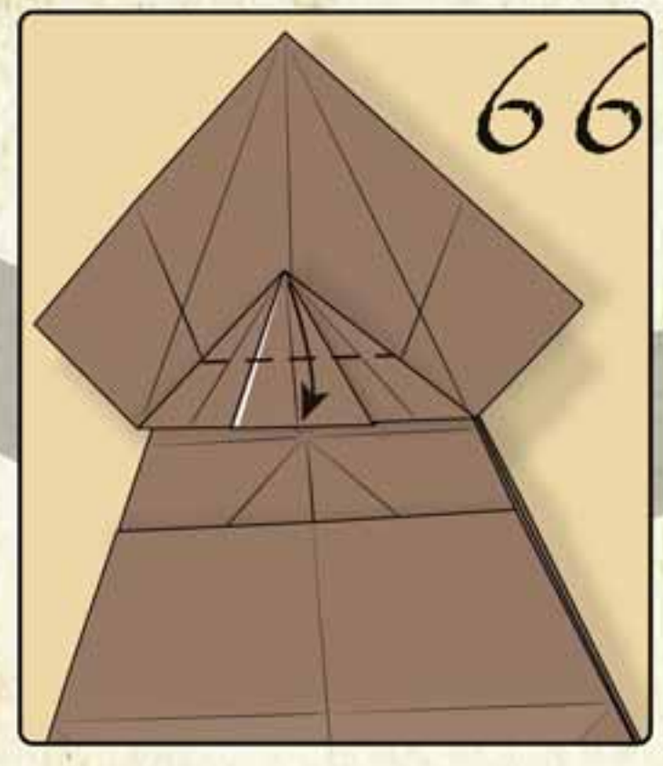

23
24
Work in progress
25
26
Stretch-fold
27
28
29
30
31
I
II
III
Unfold the raw corner
32
33
34

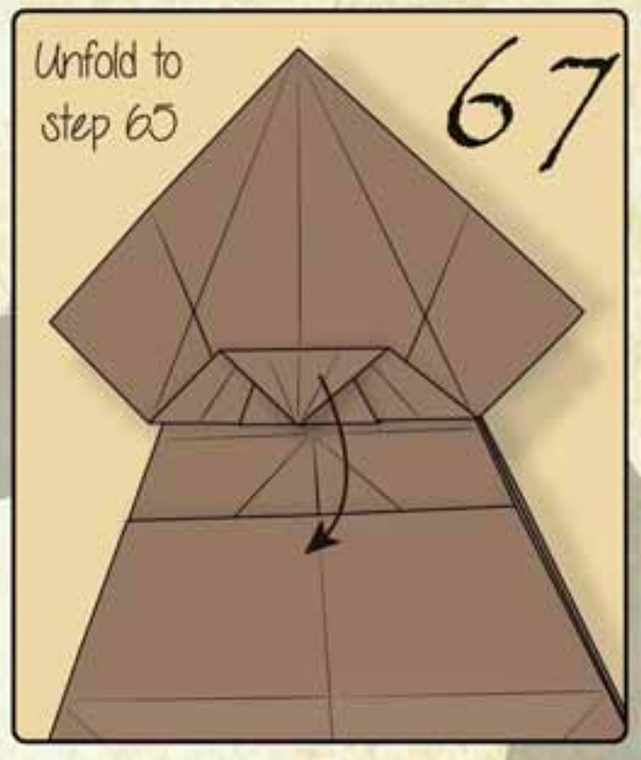

9-25
43
44
45
37-39
42
41
40
39
33-35
35
36
37
38

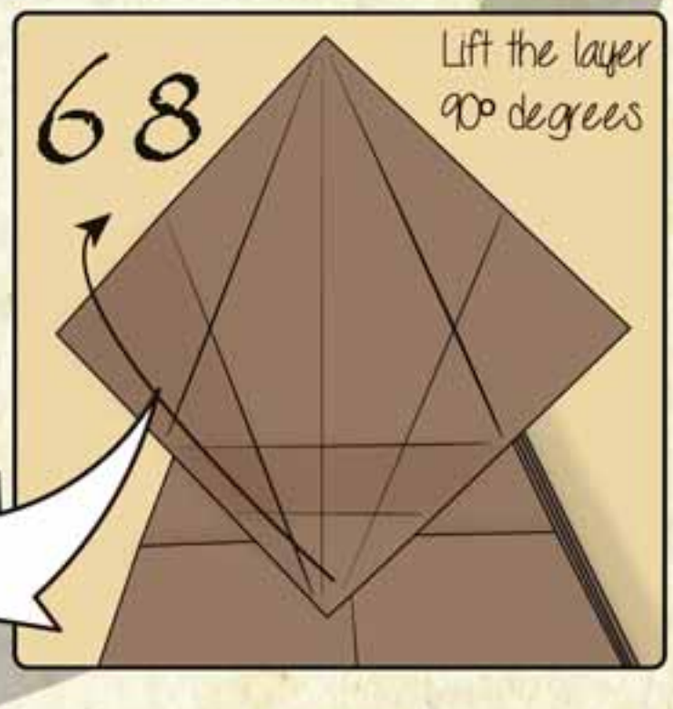

46
47
48
49
50
51
52
53
Swivel-fold
54
Swivel-fold
55
Swivel-fold
Fold only
the upper layer
154

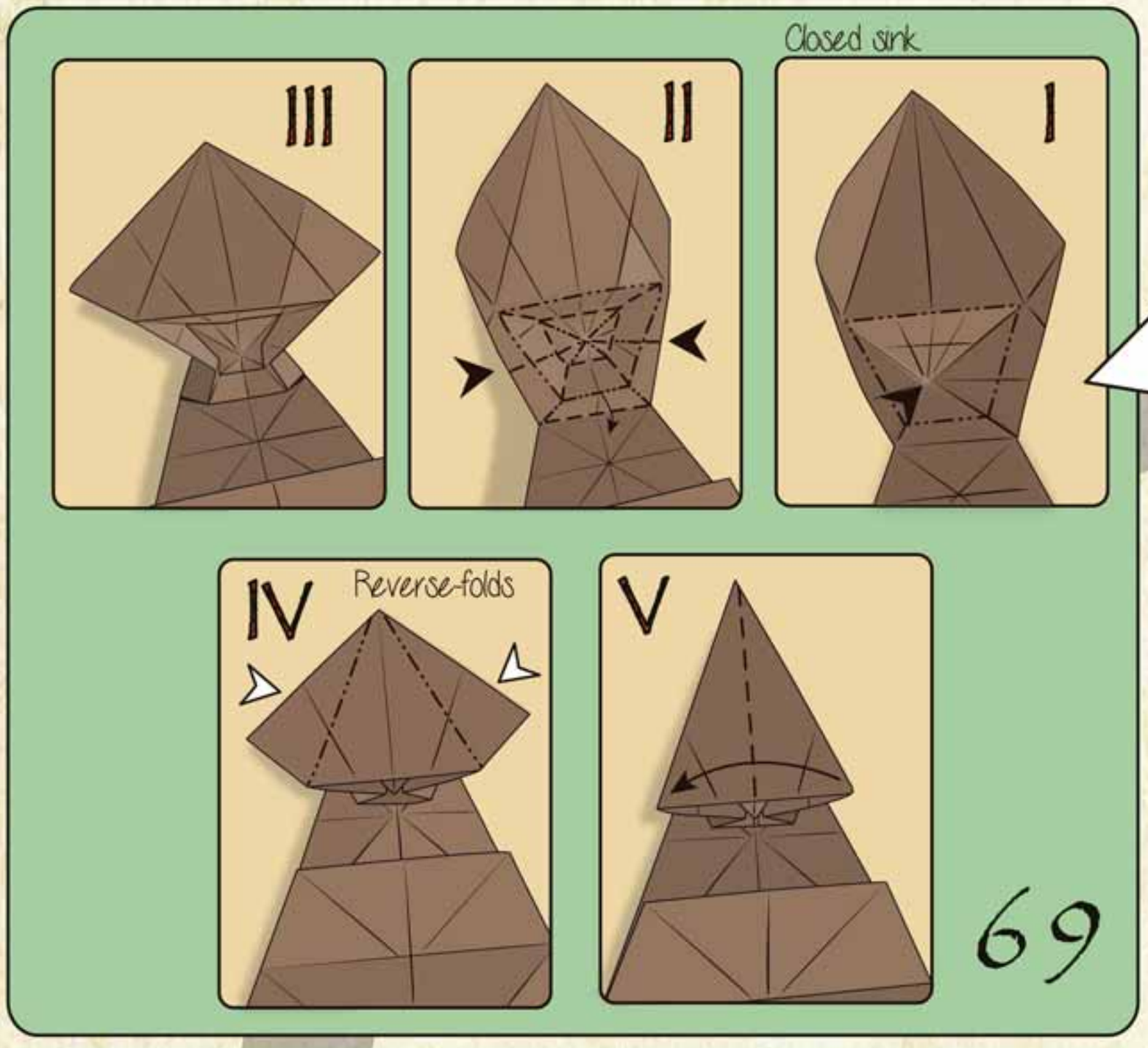

62
63
Mountain-fold this layer
Outside reverse-folds
64
61
60
52-59
Squash-fold
59
Place this layer into the pocket underneath
57
Inside reverse-fold
58
56
Mountain-fold the layer behind

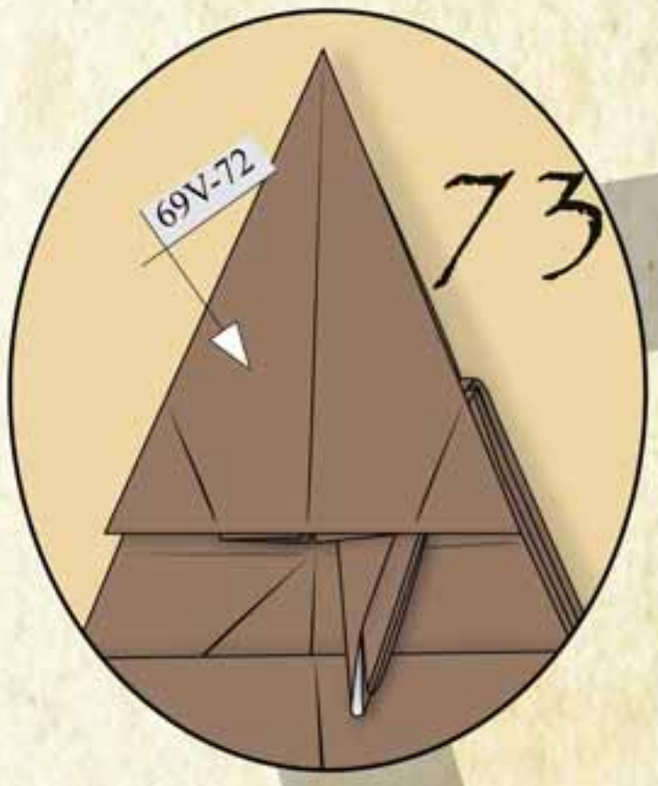

65

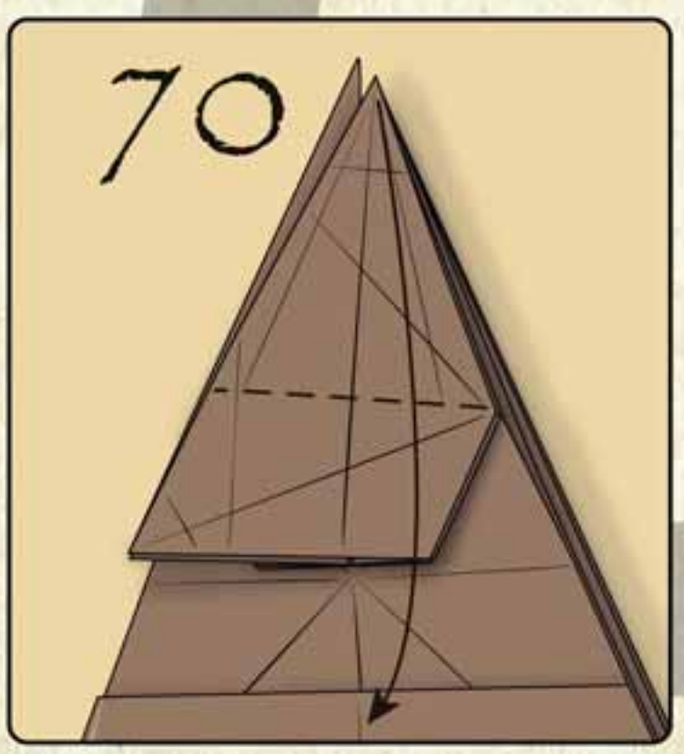

66

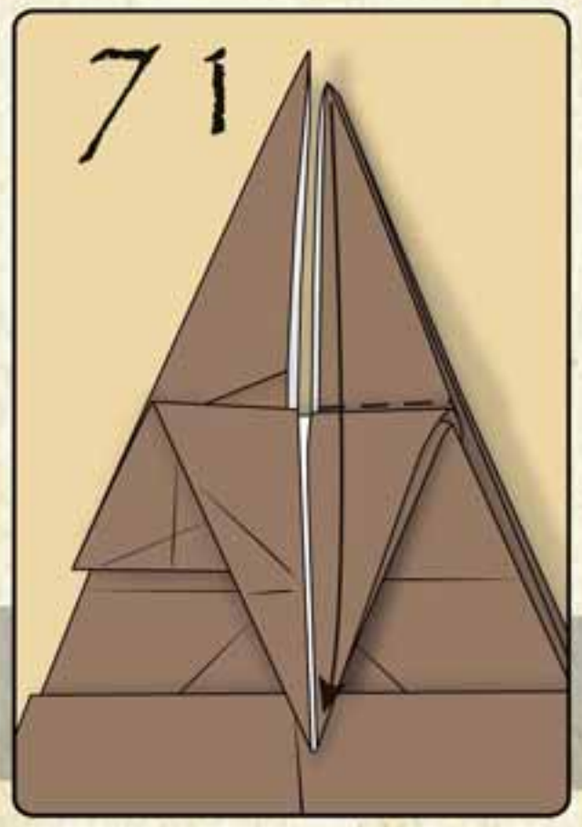

Unfold to
step 65
67

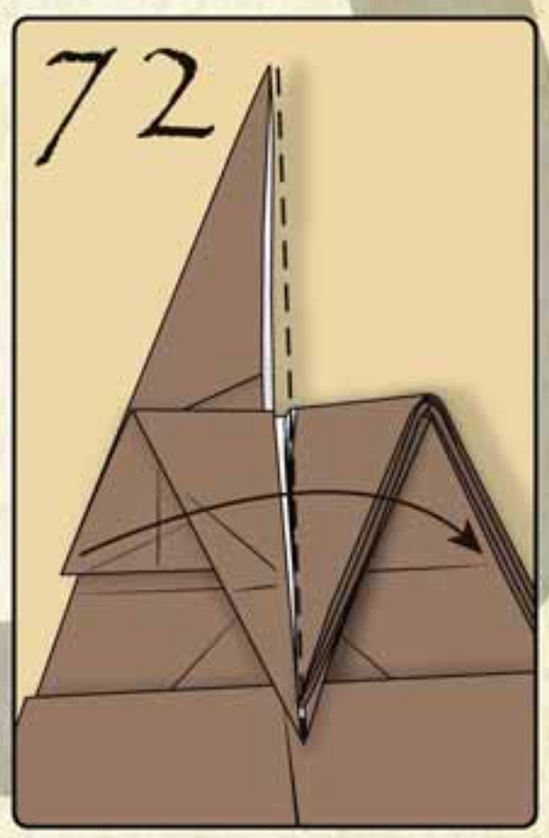

68
Lift the layer
90° degrees

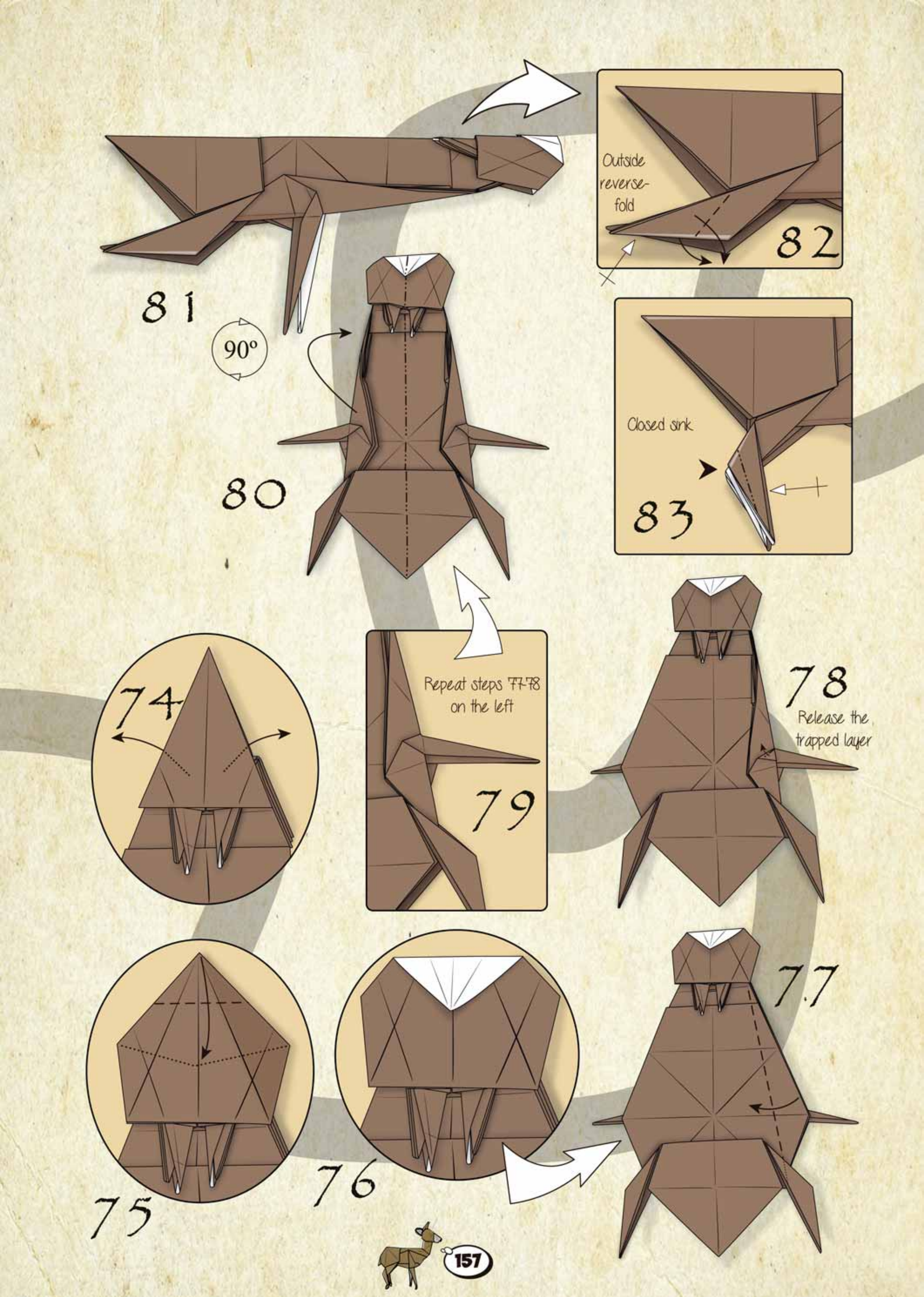

Closed sink
I
II
III
IV
Reverse-folds
V
69

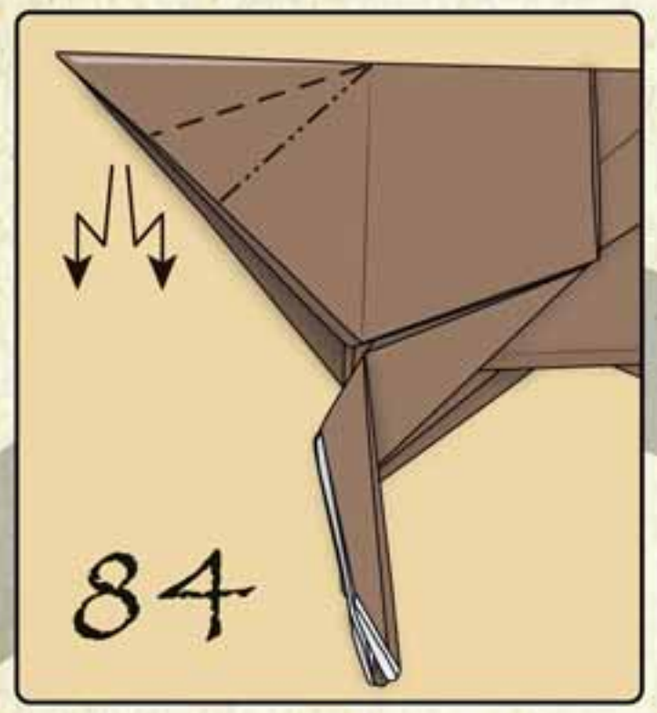

69V-72
73

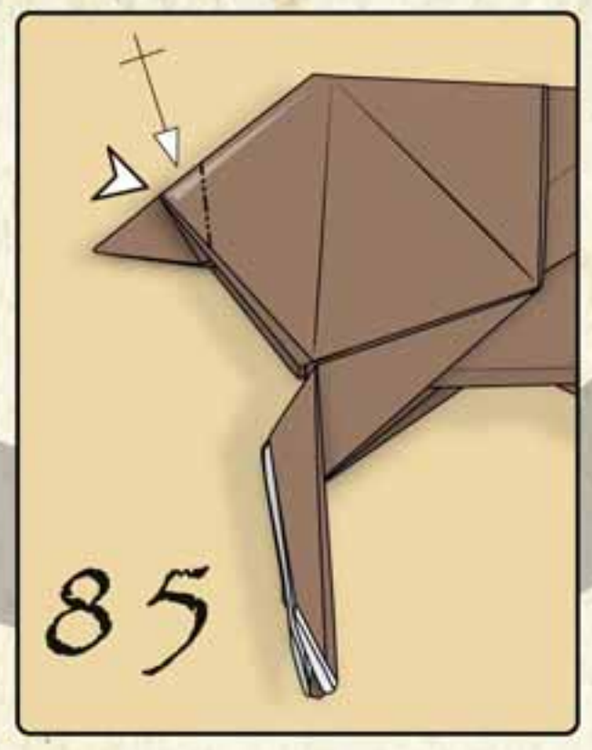

70

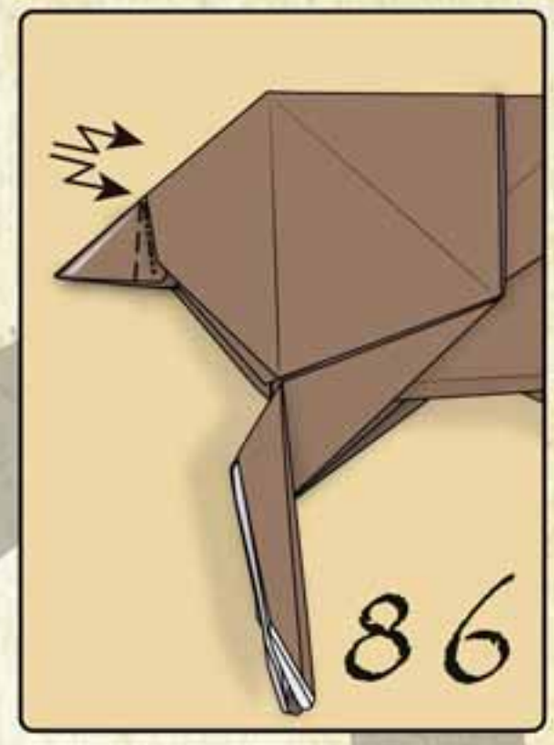

71

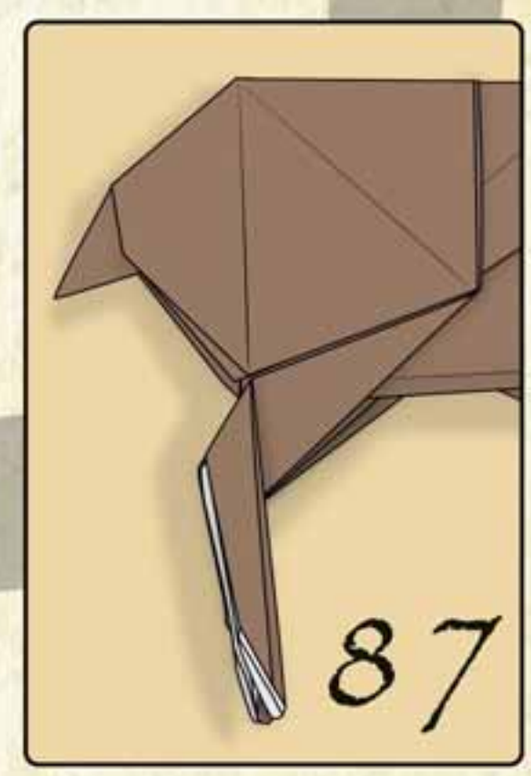

72

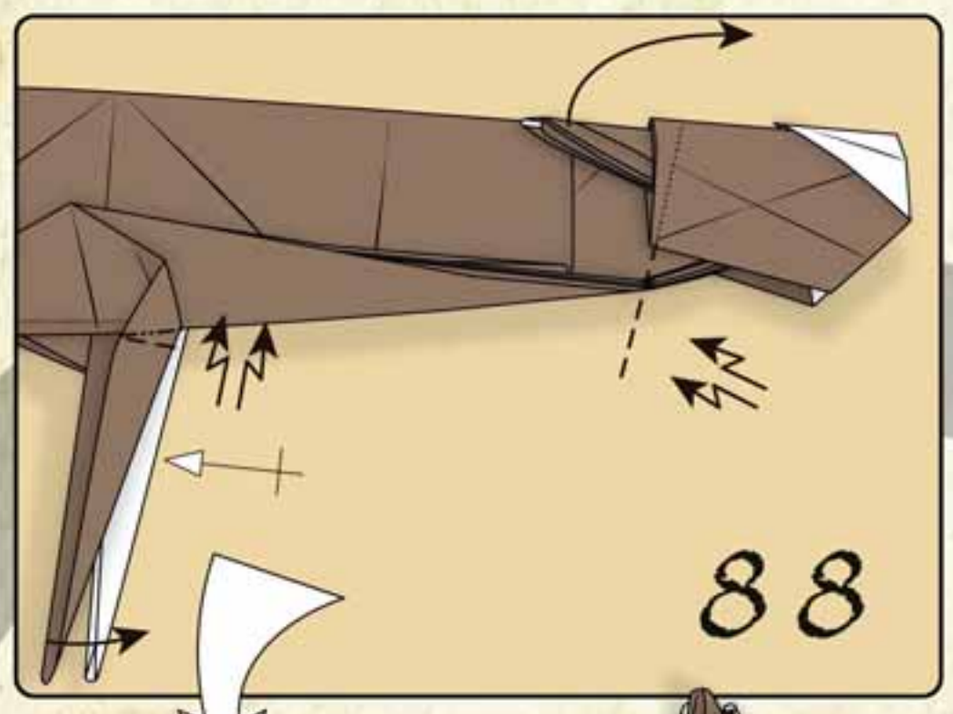

Outside reverse-fold
82
81
90°
80
Closed sink
83
Repeat steps 77-78 on the left
79
74
78
Release the trapped layer
77
75
76

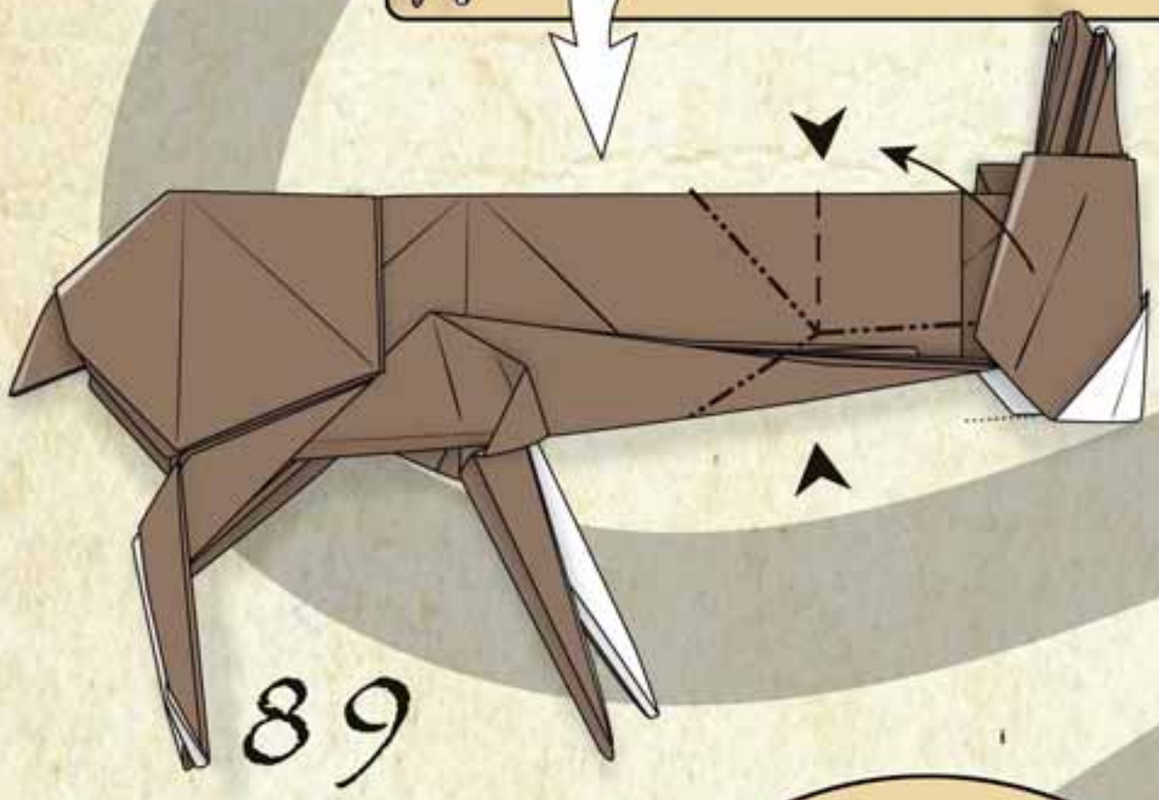




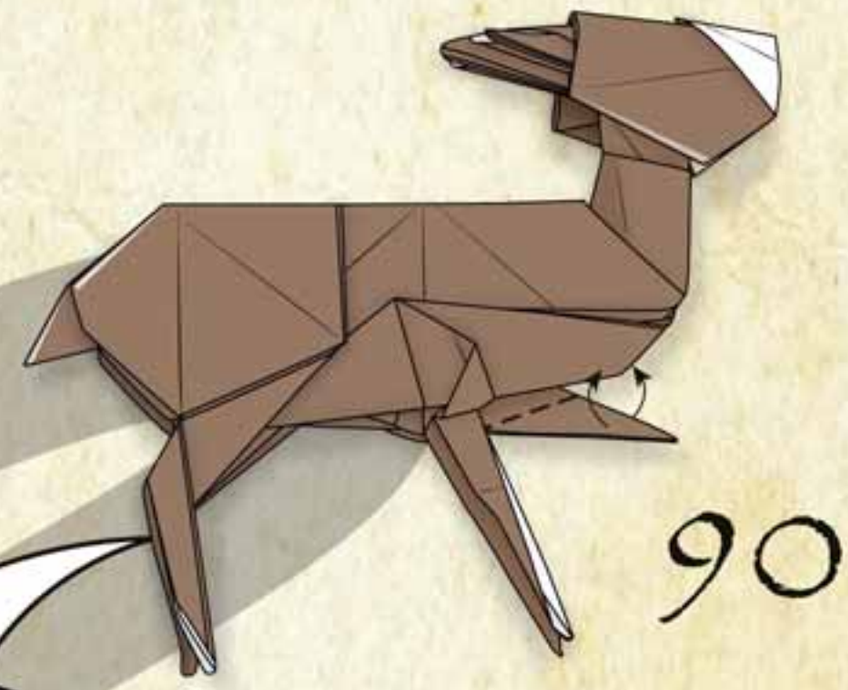




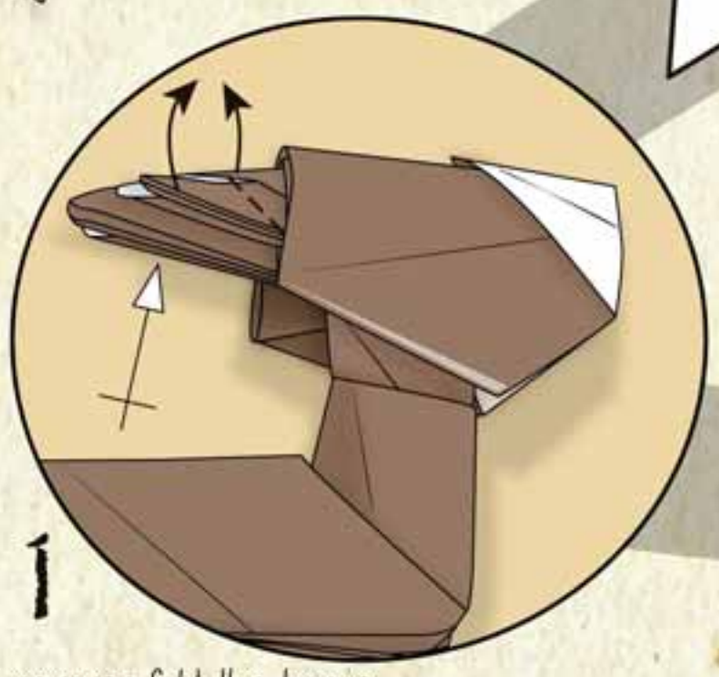




Double rabbit-ear the neck up at a 90° angle.



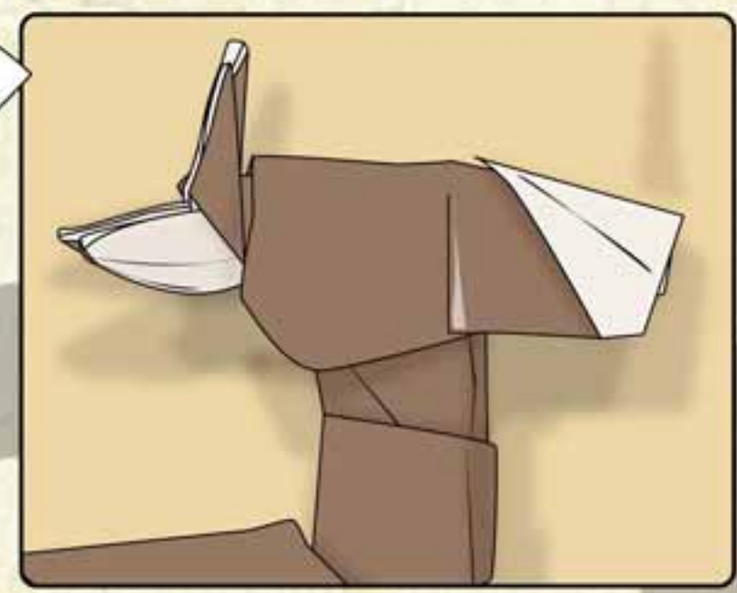
Outside reverse-fold the point to shape the chest



Outside reverse-fold the horns

Designer:
Quentin Trollip
Photodiagrams:
Pere Olivella
Diagrams: Halle
2011

96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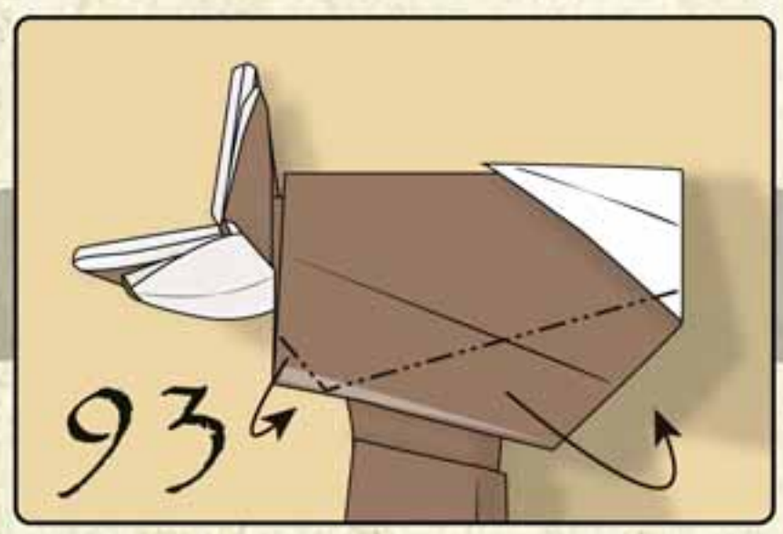
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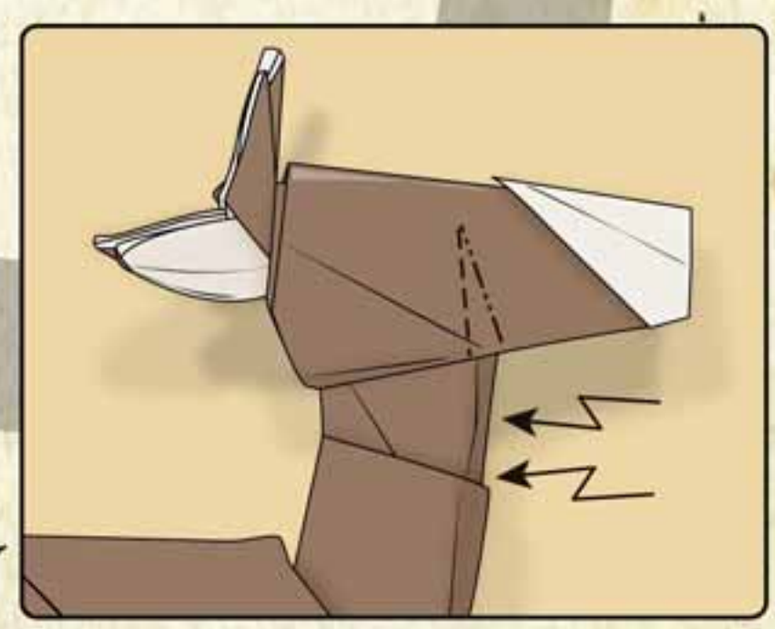
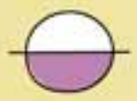

94

WOLF HEAD

by Eduardo Santos
"El Alquimista"

40X40CM
Duo Thai or sandwich paper

1



2

3

4

5

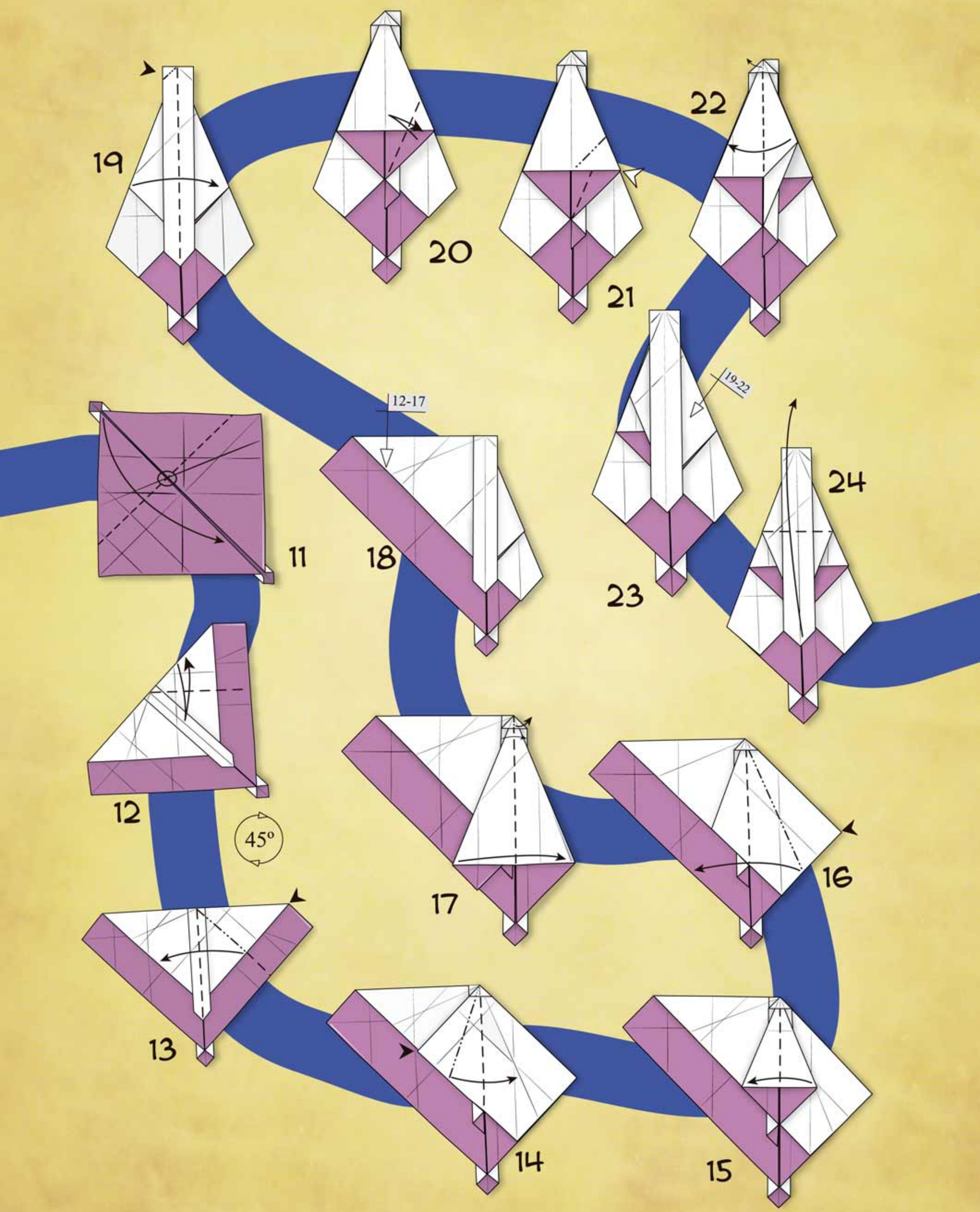
6

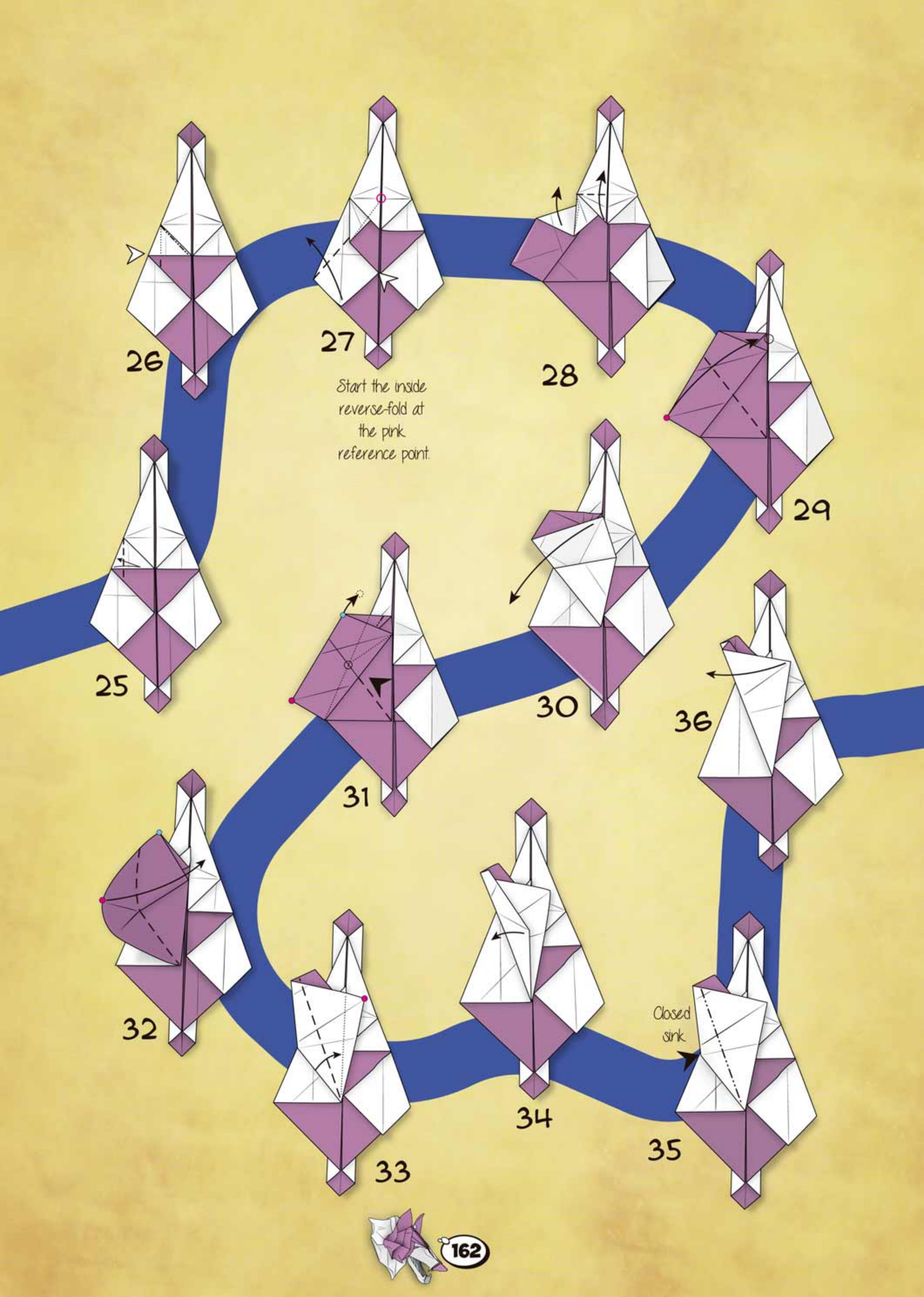
7

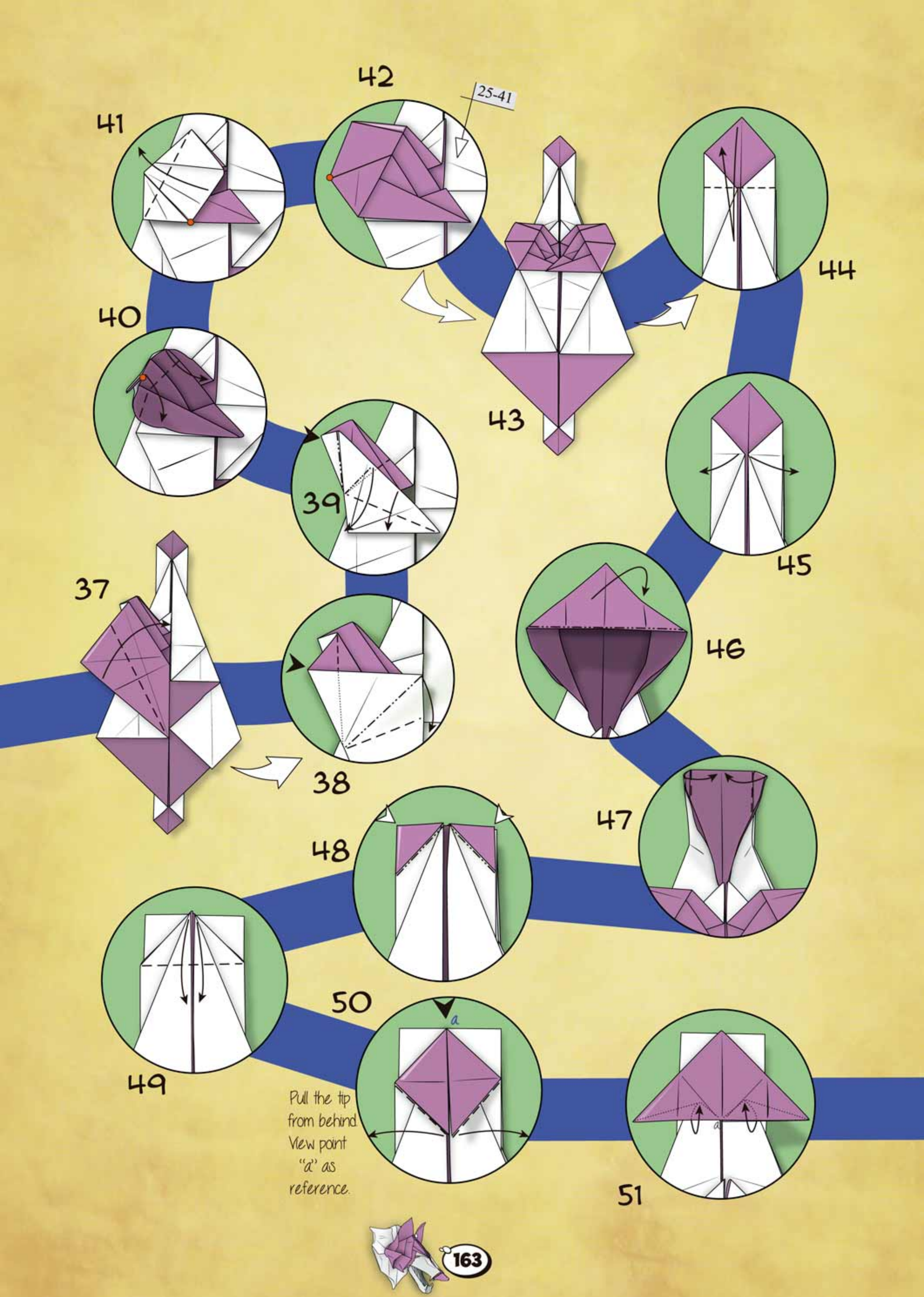
8

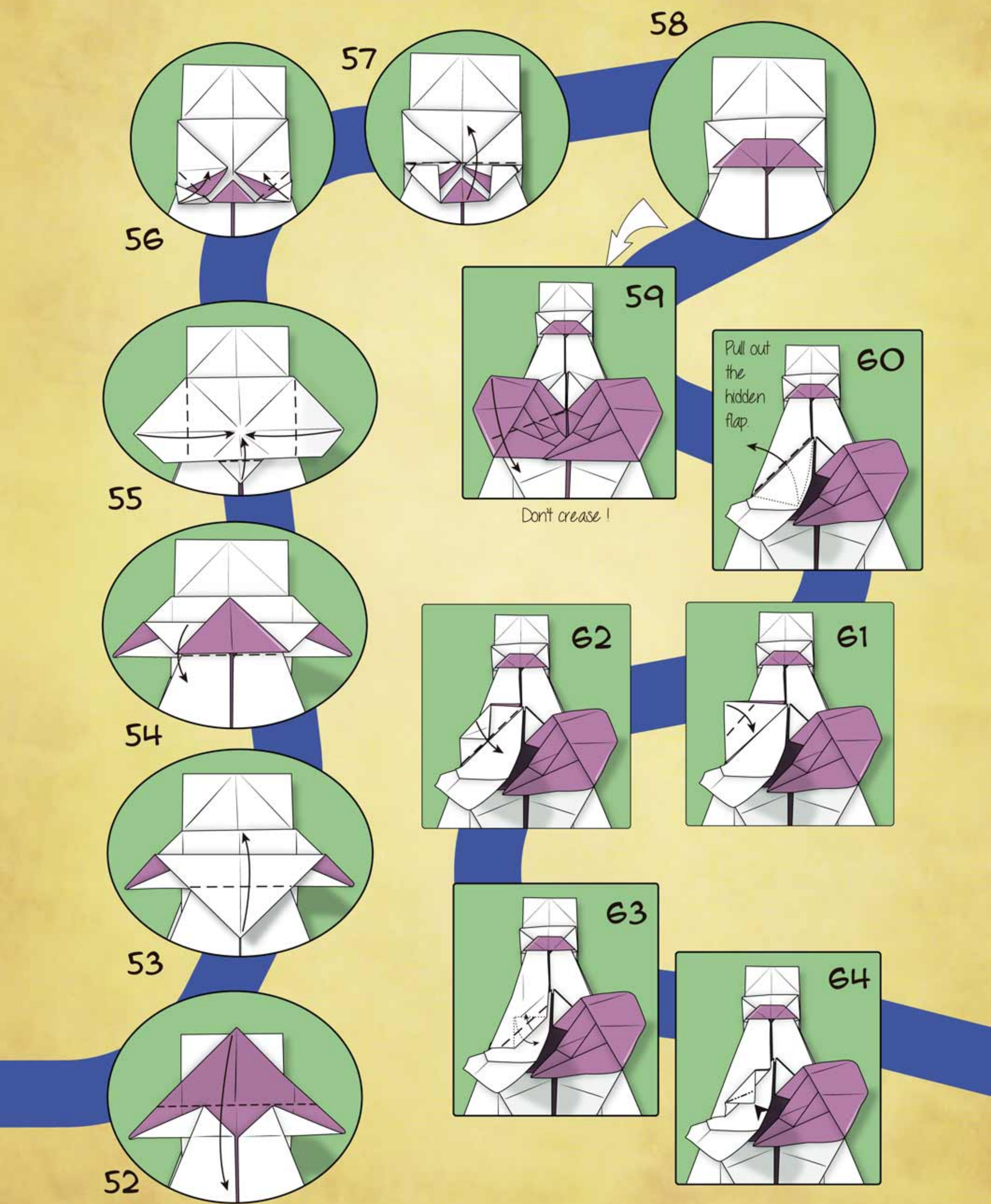
9

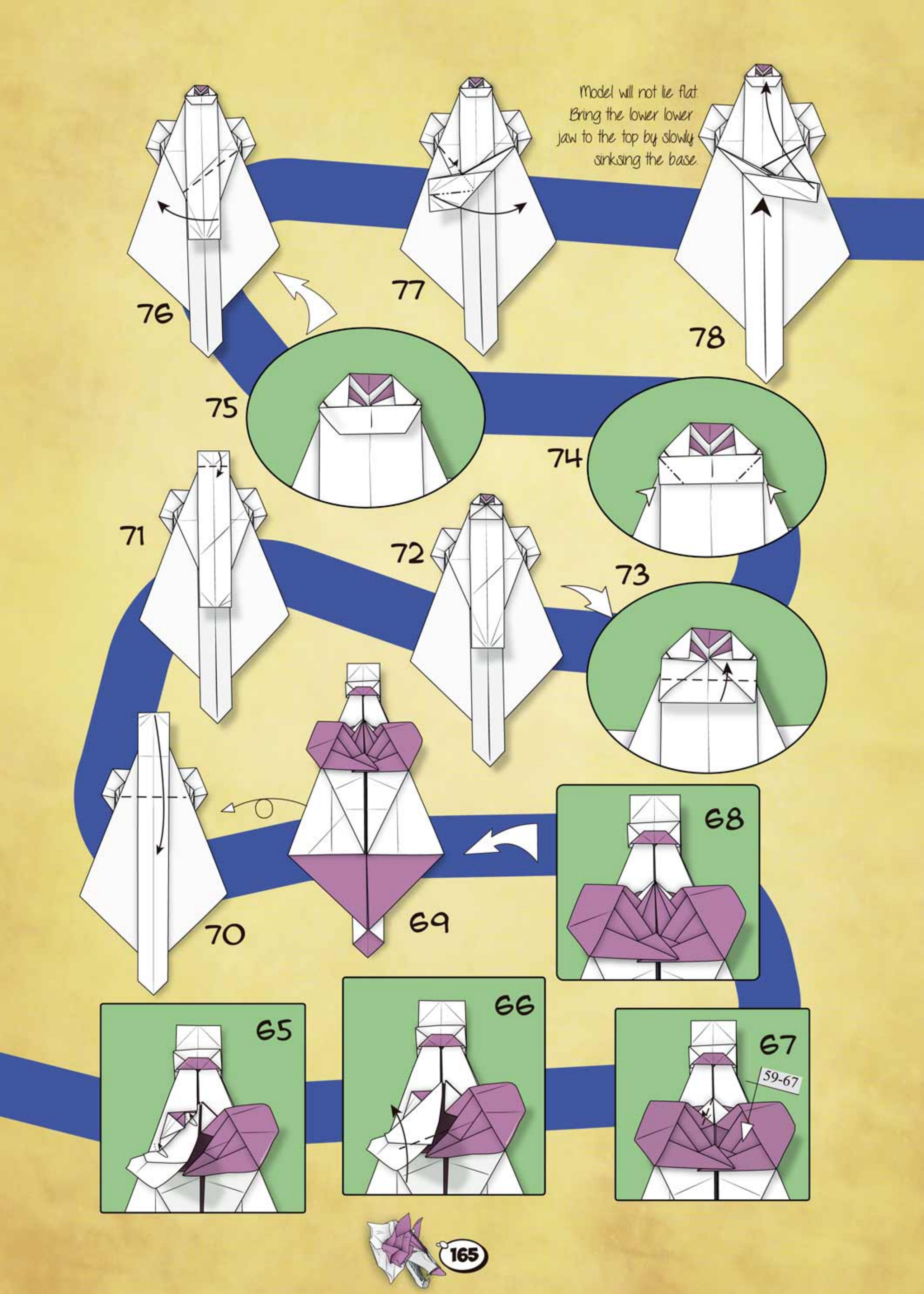
10

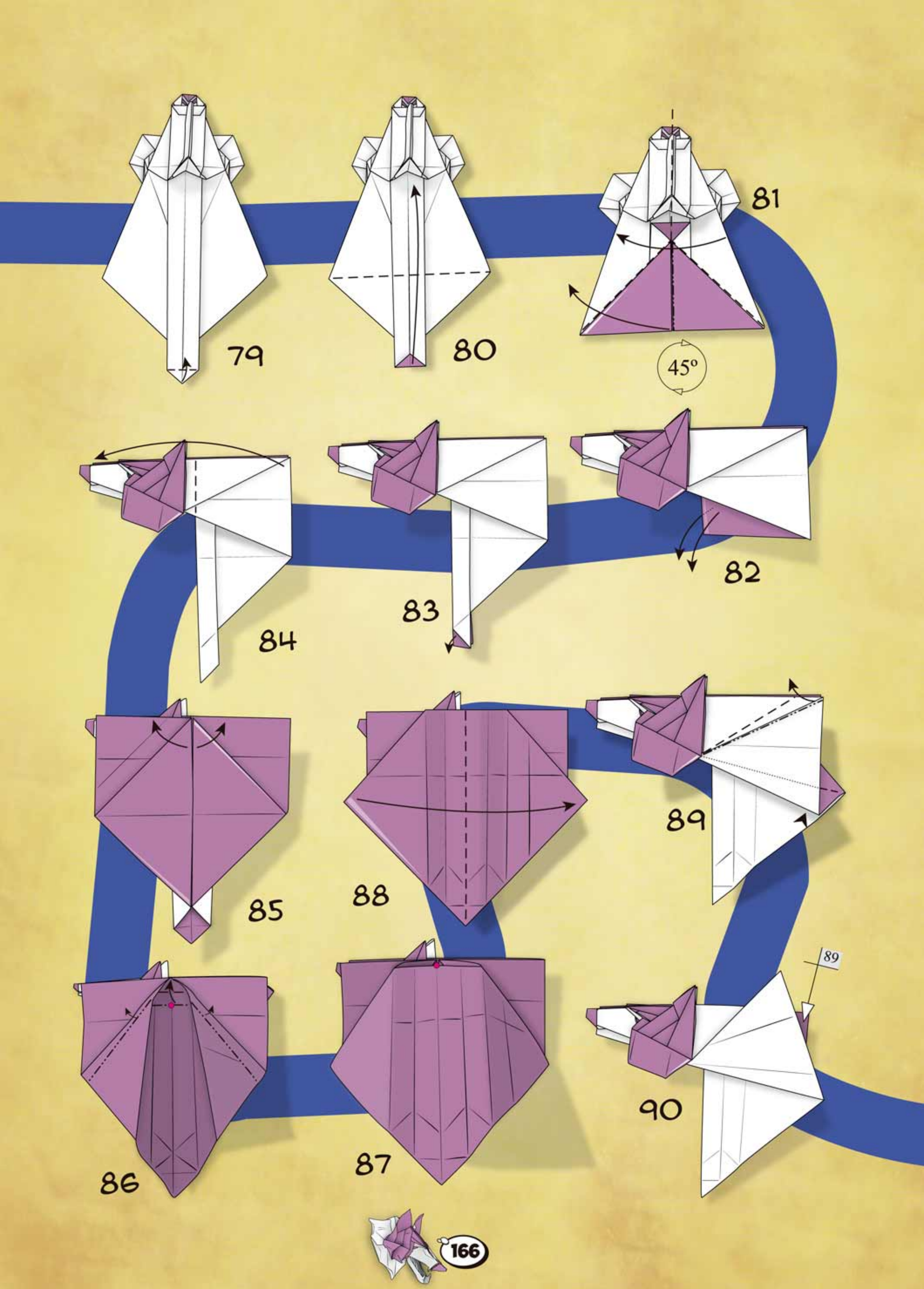

19
20
21
22
12-17
19-22
11
18
23
24
12
45º
17
16
13
14
15

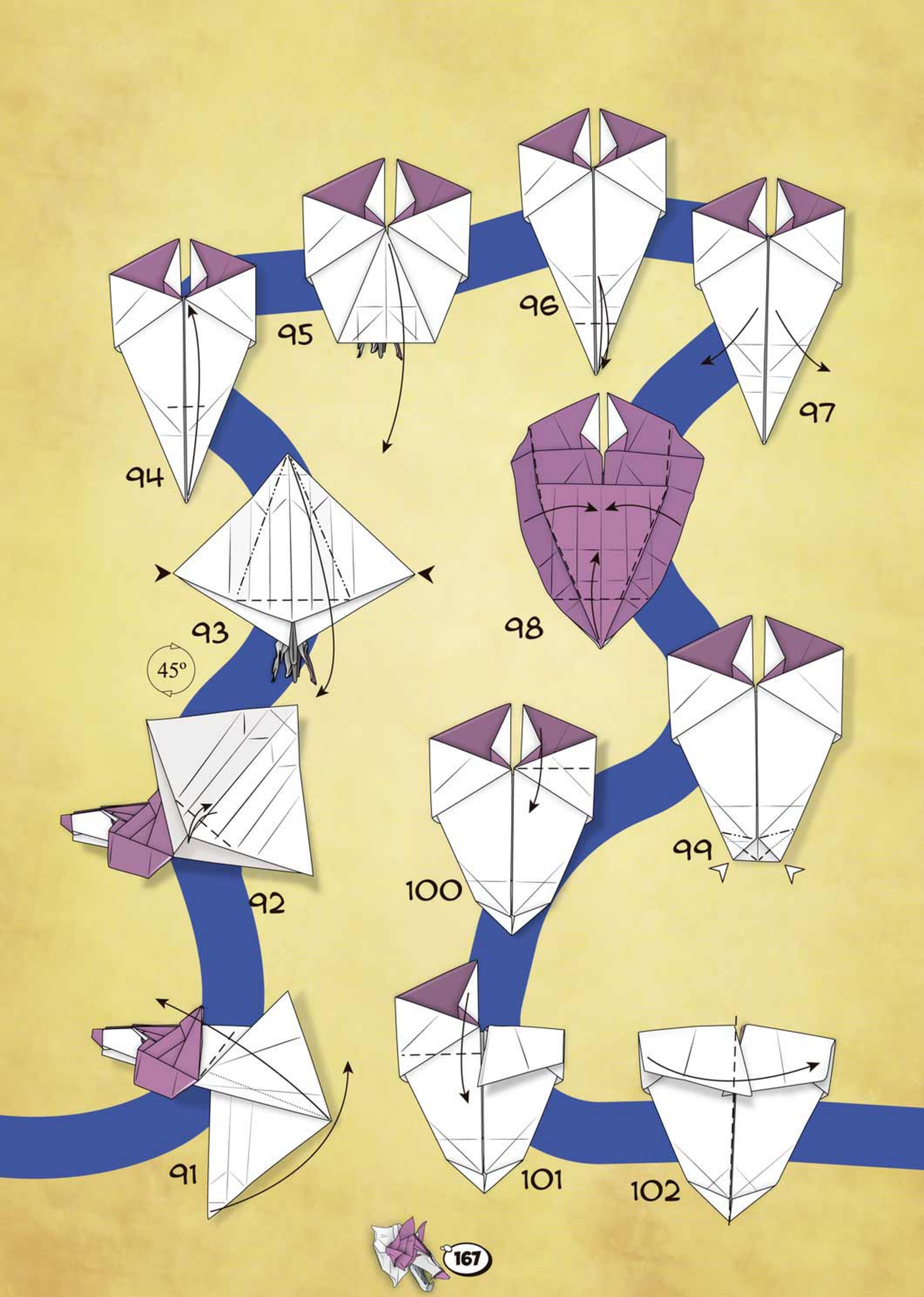

26
27
Start the inside reverse-fold at the pink reference point.
28
29
25
30
31
36
32
33
34
35
Closed sink
162


41
42
25-41
44
40
43
39
45
37
46
38
47
48
49
50
a
Pull the tip from behind. View point "a" as reference.
51
a

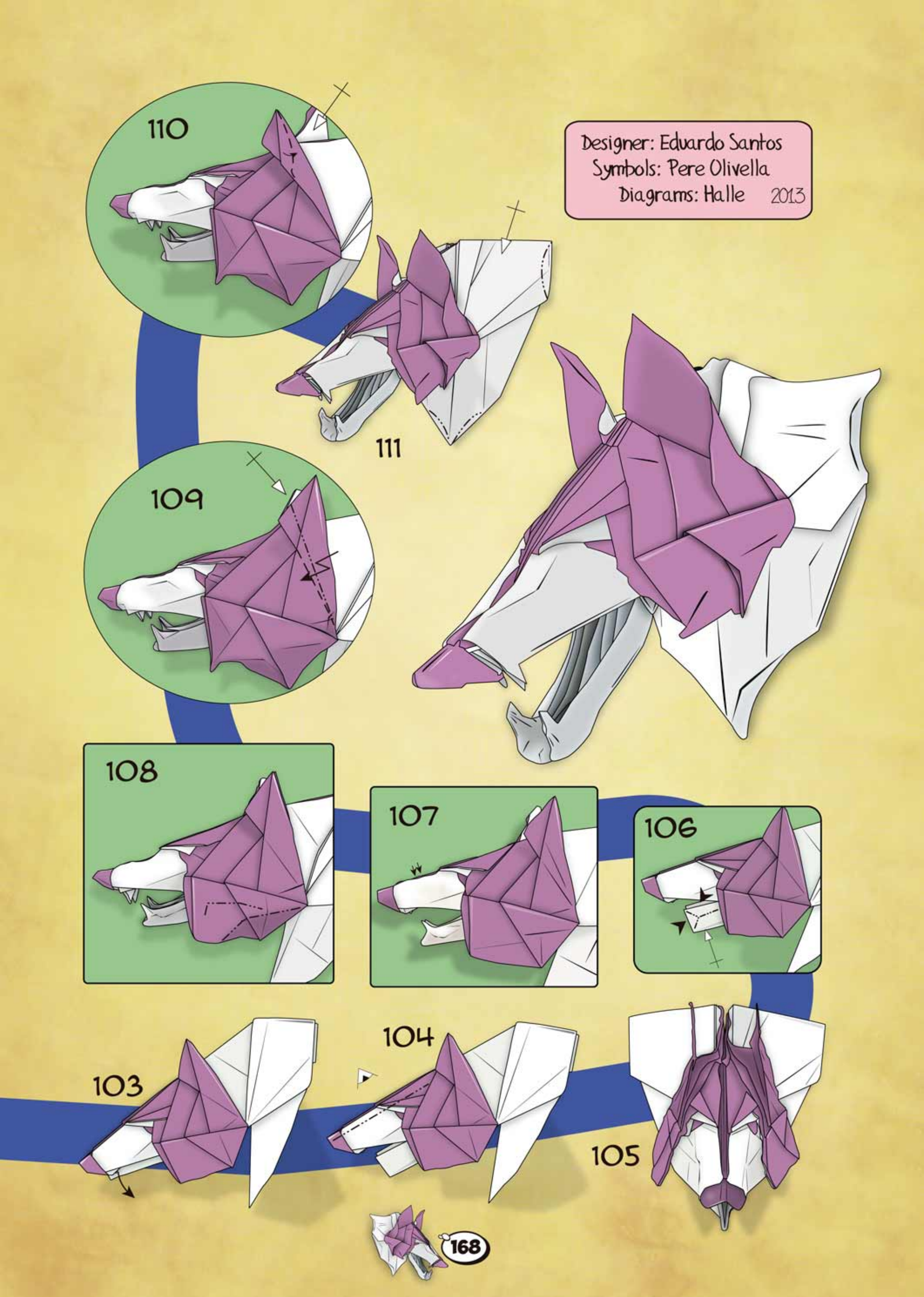

52
53
54
55
56
57
58
59
Don't crease !
60
Pull out the hidden flap.
61
62
63
64


Model will not lie flat.
Bring the lower lower
jaw to the top by slowly
sinksing the base.
76
77
78
75
74
71
72
73
70
69
68
65
66
67
59-67
165


79
80
81
45º
82
83
84
85
86
87
88
89
90
89
166

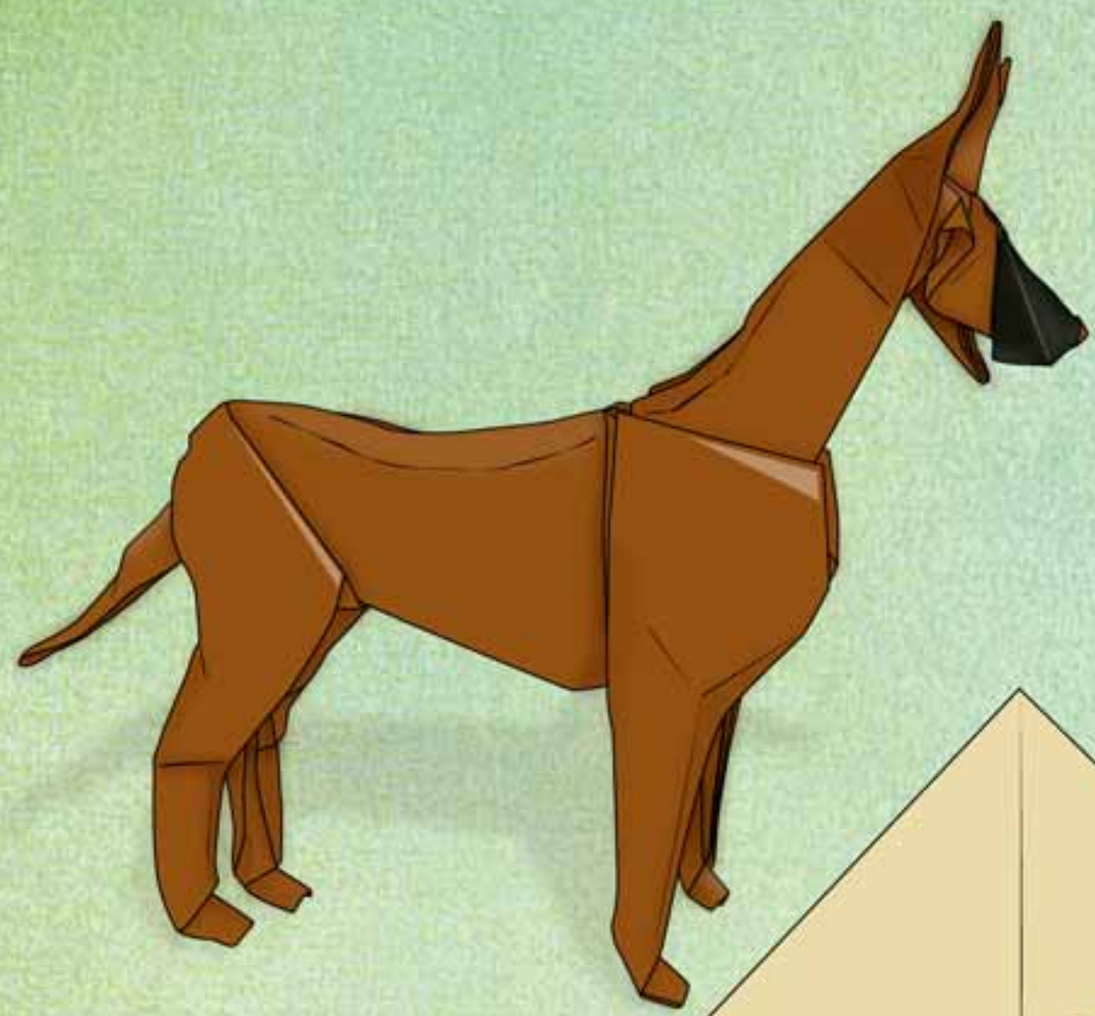

91
92
93
45°
94
95
96
97
98
99
100
101
102

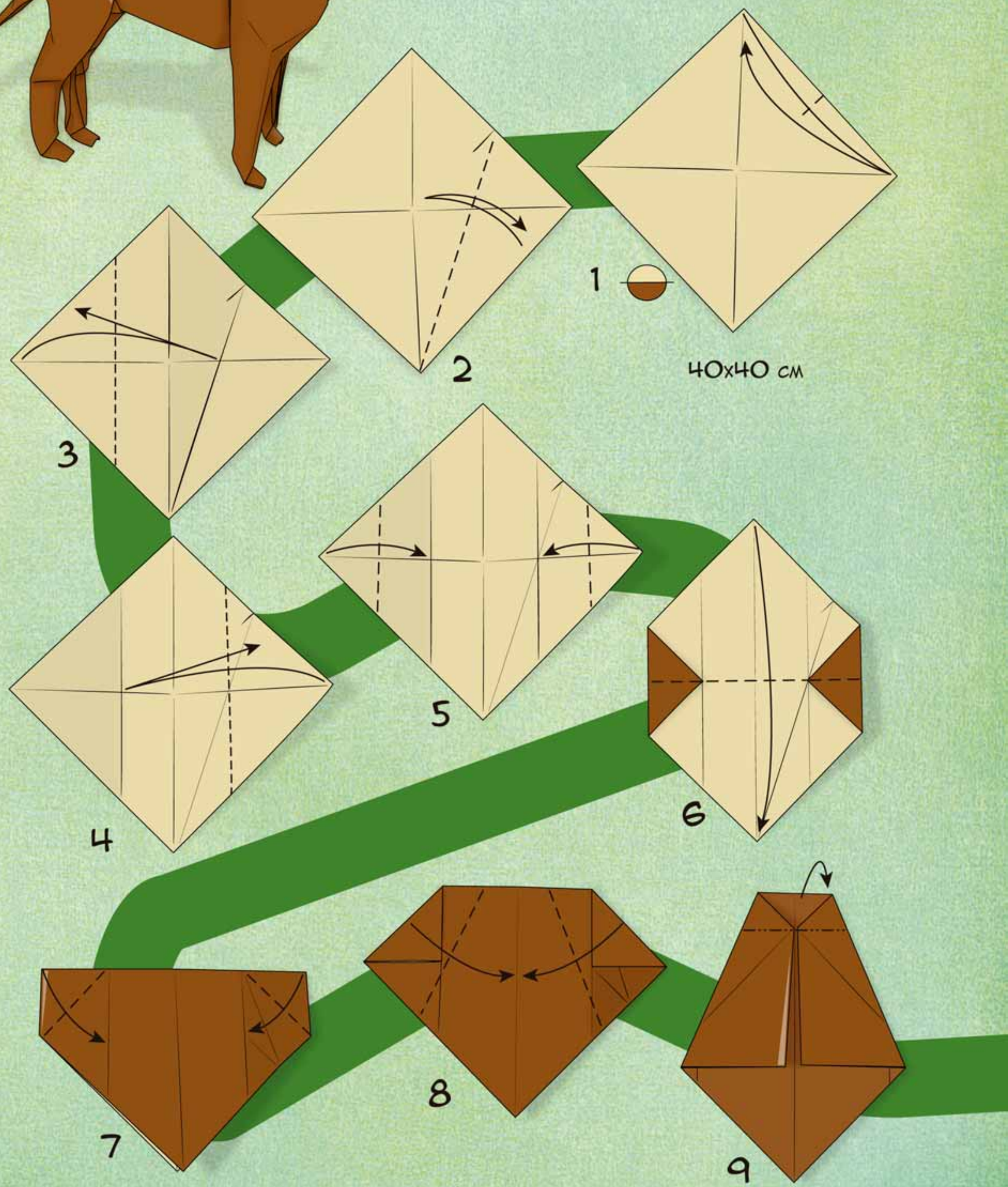
Designer: Eduardo Santos
Symbols: Pere Olivella
Diagrams: Halle 2013

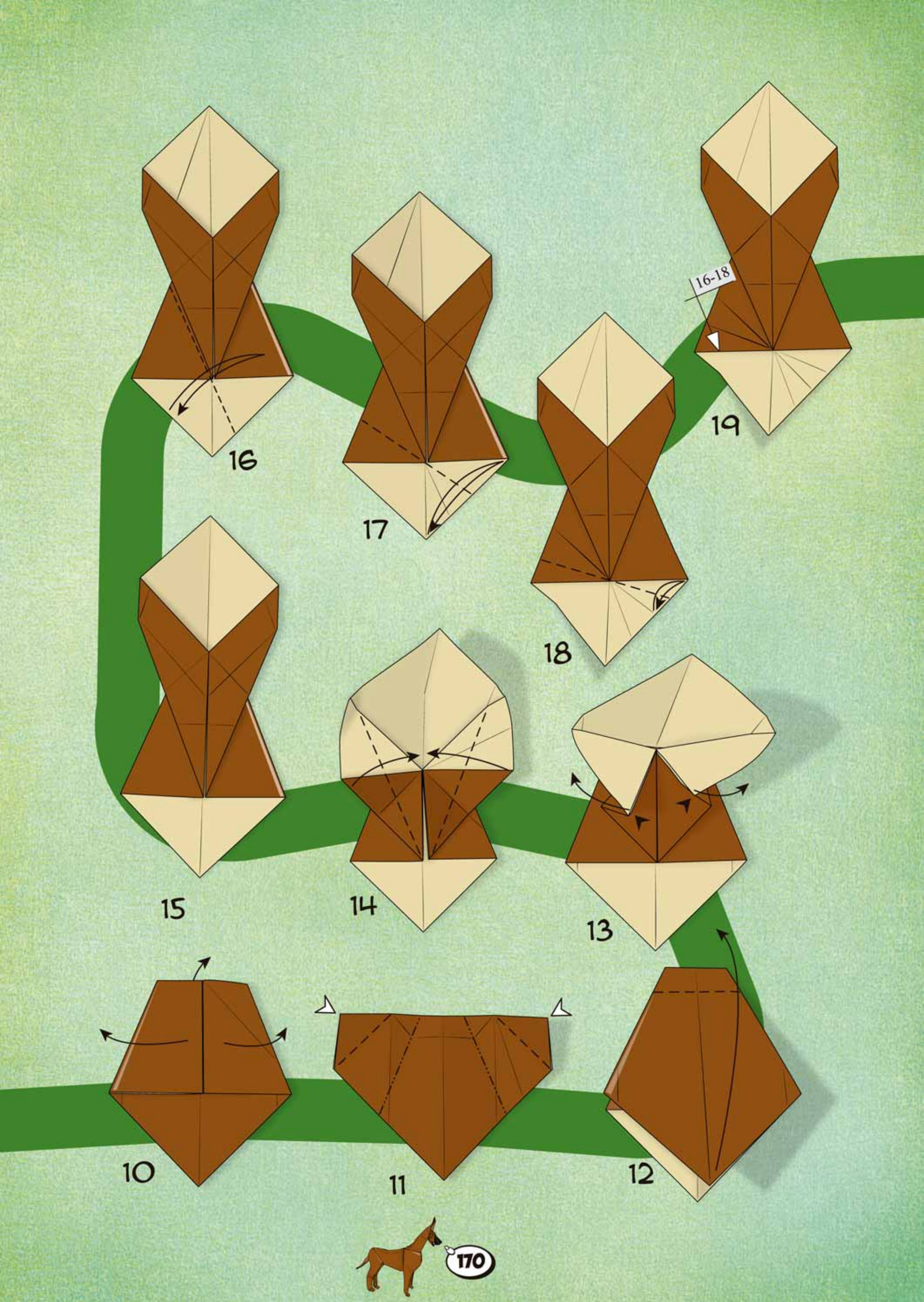


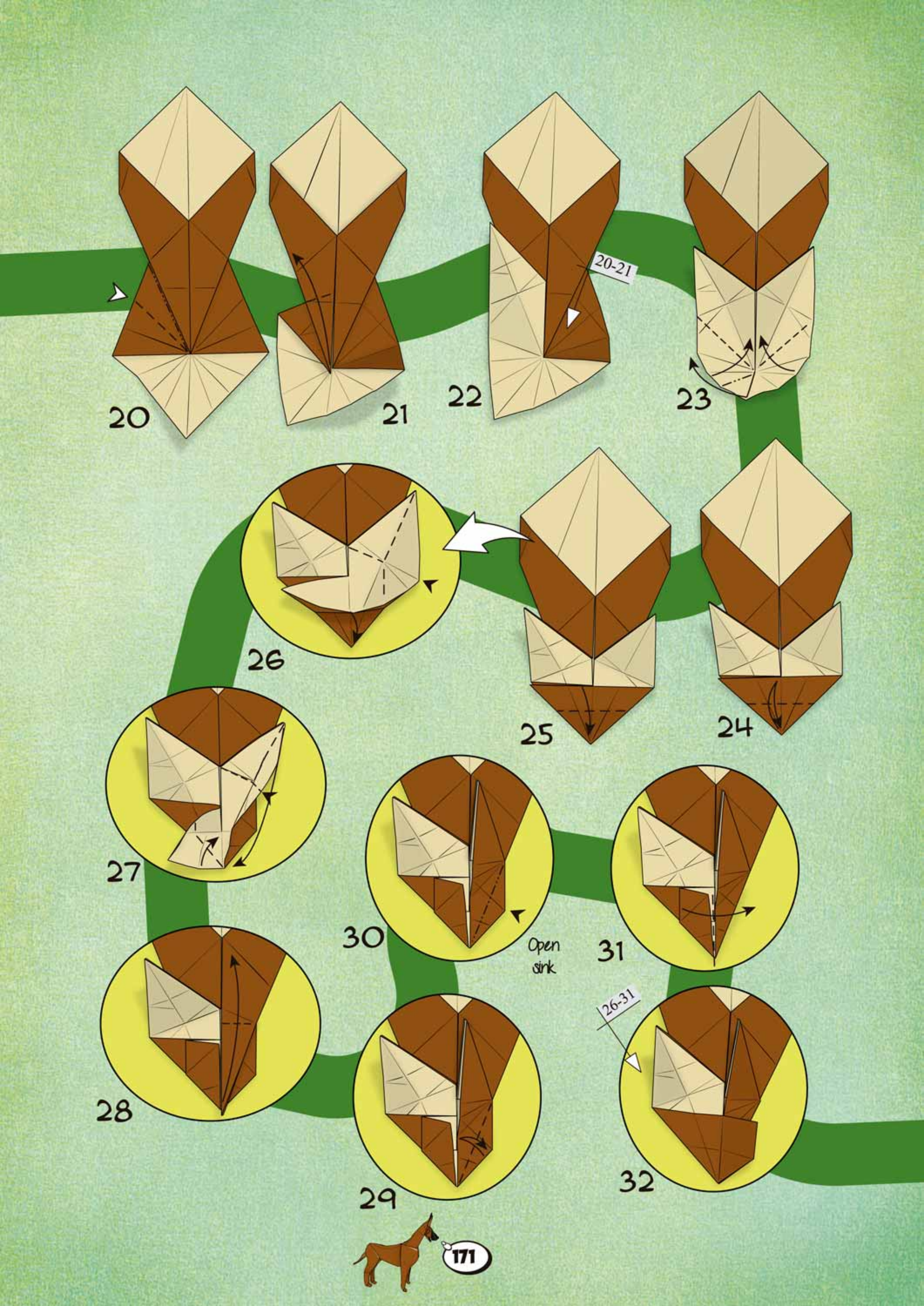
Gran Danés

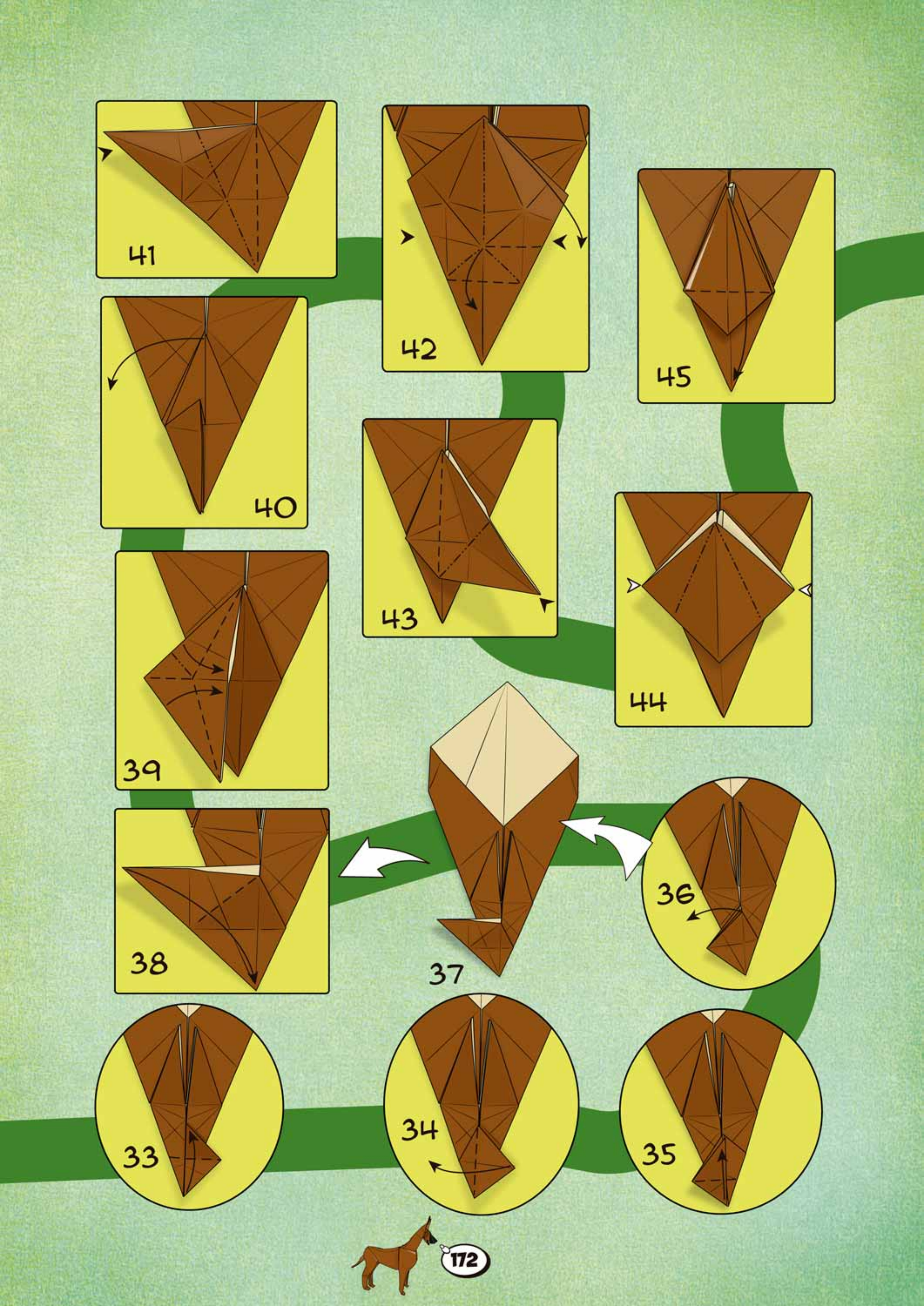
by Richard Galindo Flores

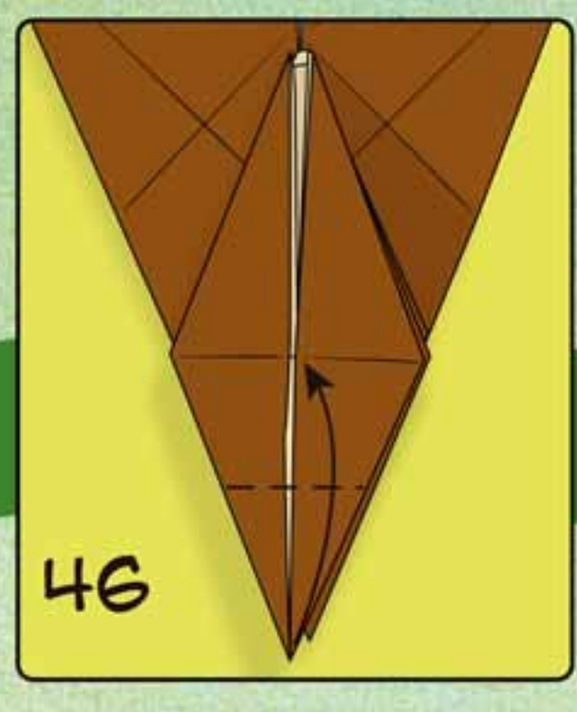


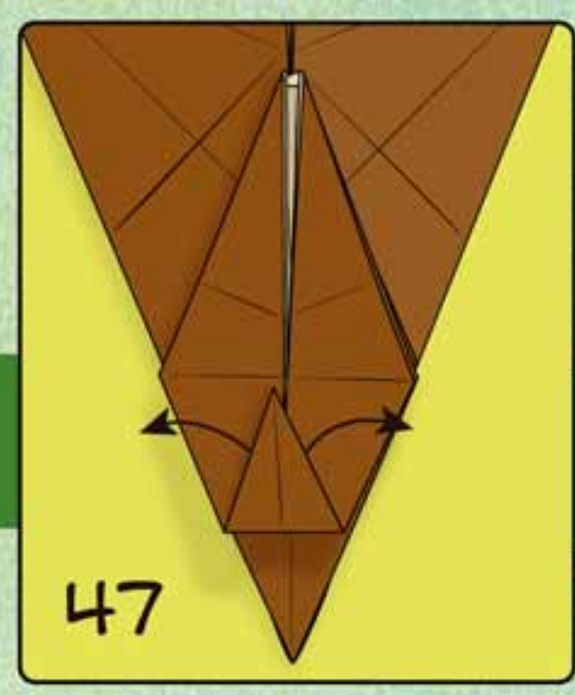



16-18
16
17
18
19
15
14
13
10
11
12
170


20
21
22
20-21
23
26
25
24
27
30
Open sink
31
28
29
26-31
32
171


41
42
45
40
43
44
39
38
37
36
33
34
35


46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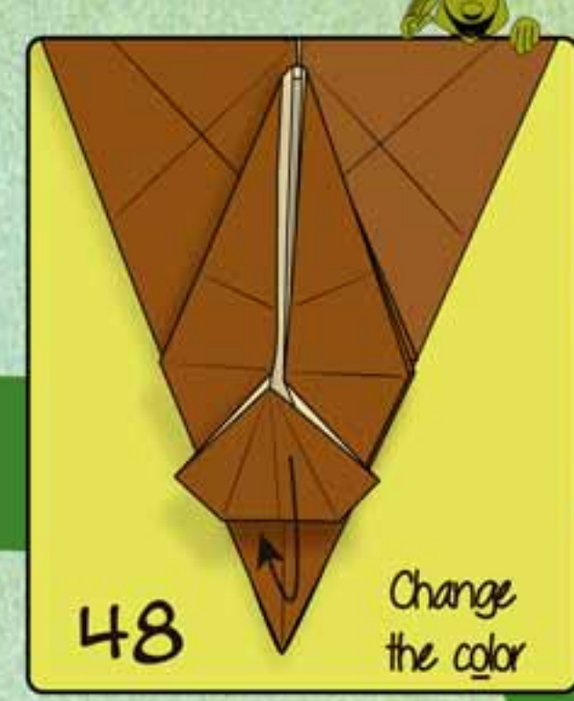
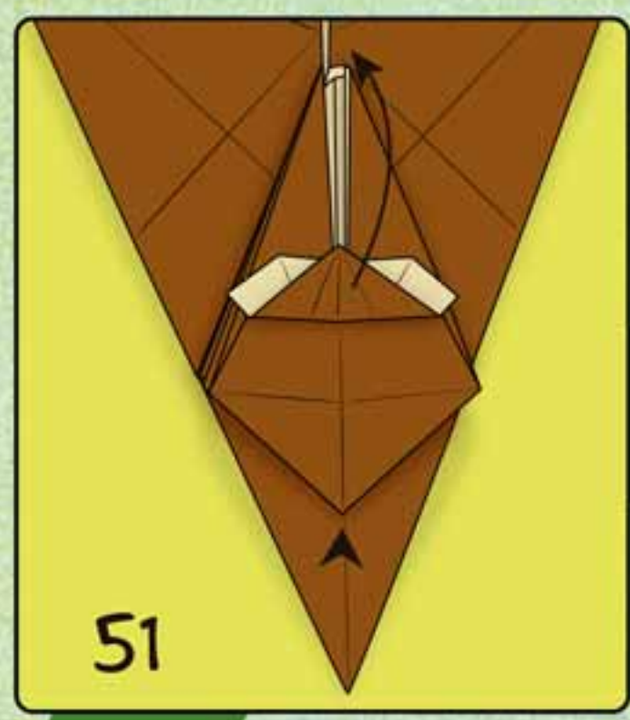

48
Change the color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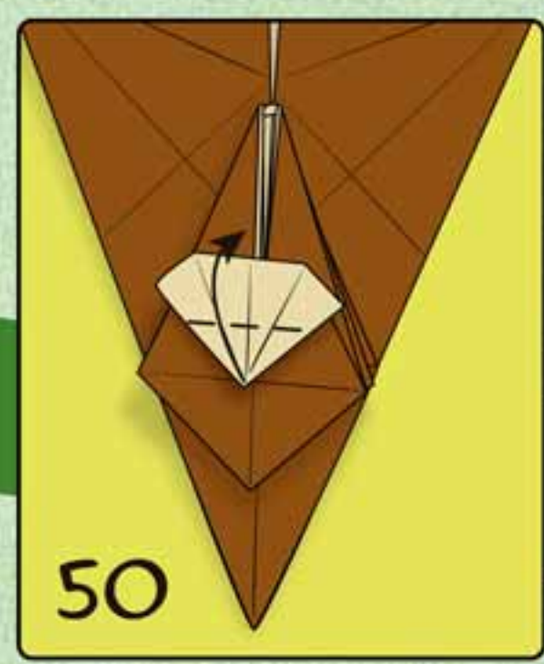
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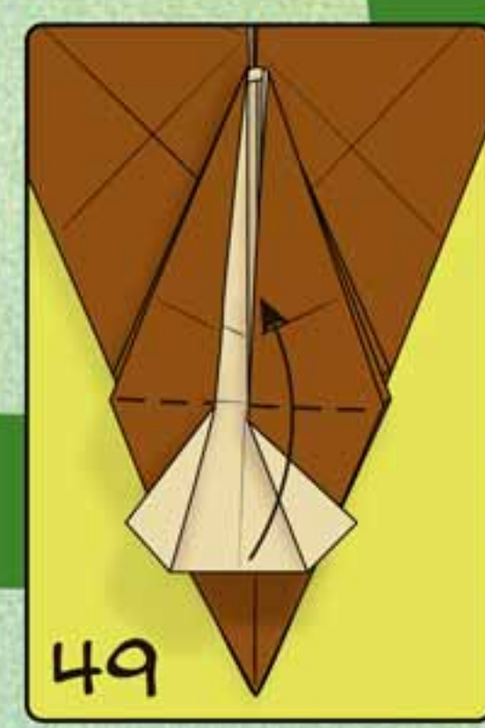
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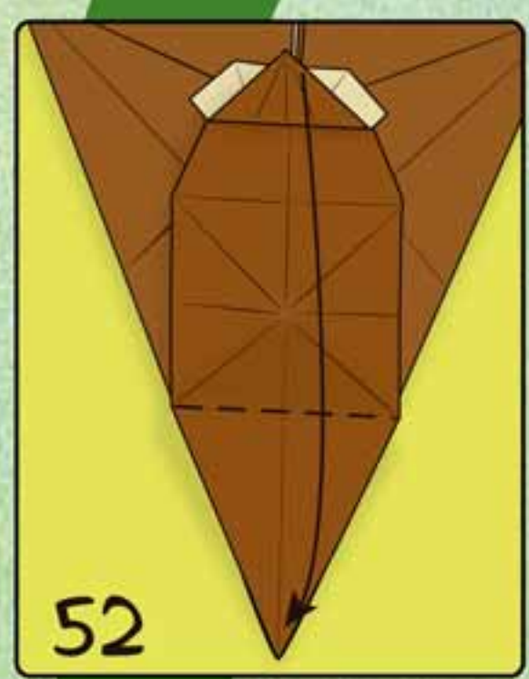
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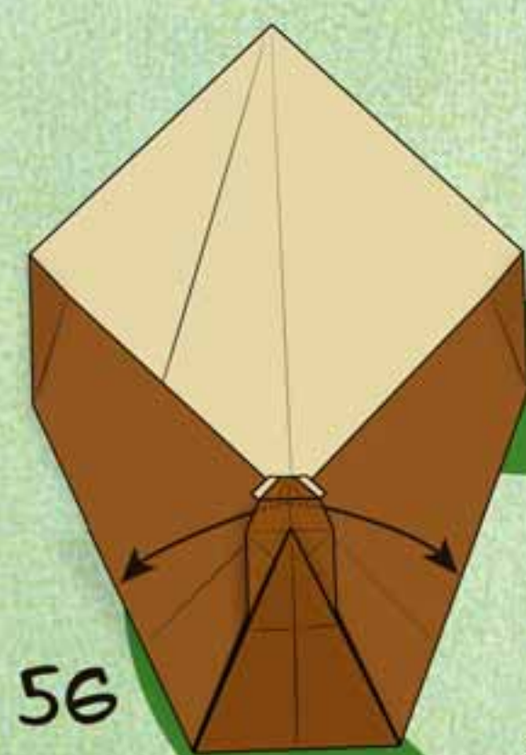
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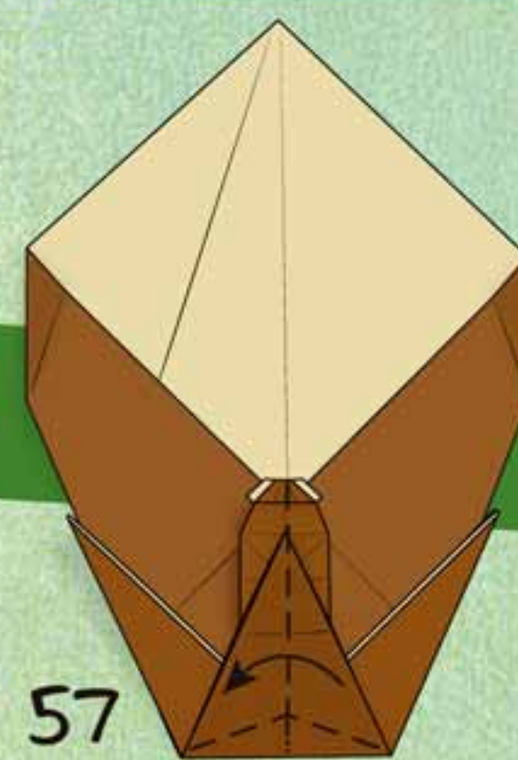
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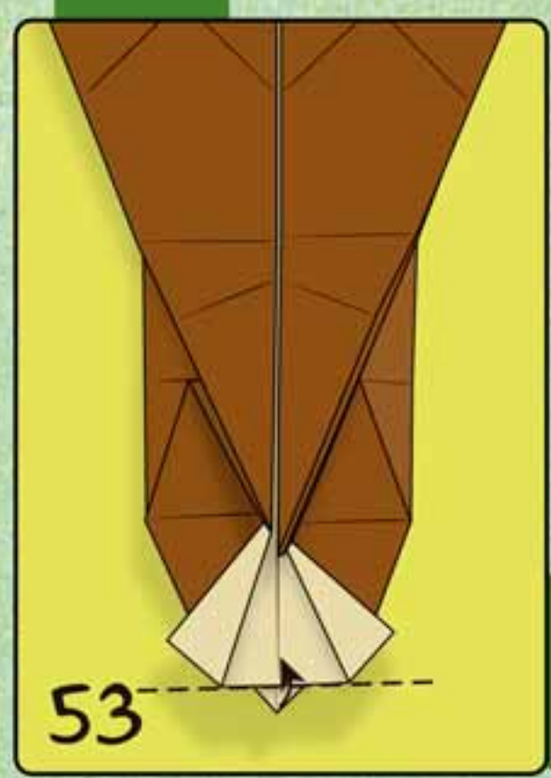
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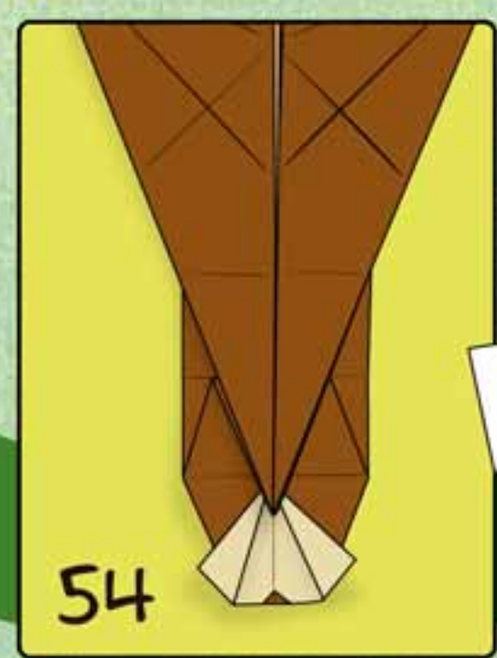
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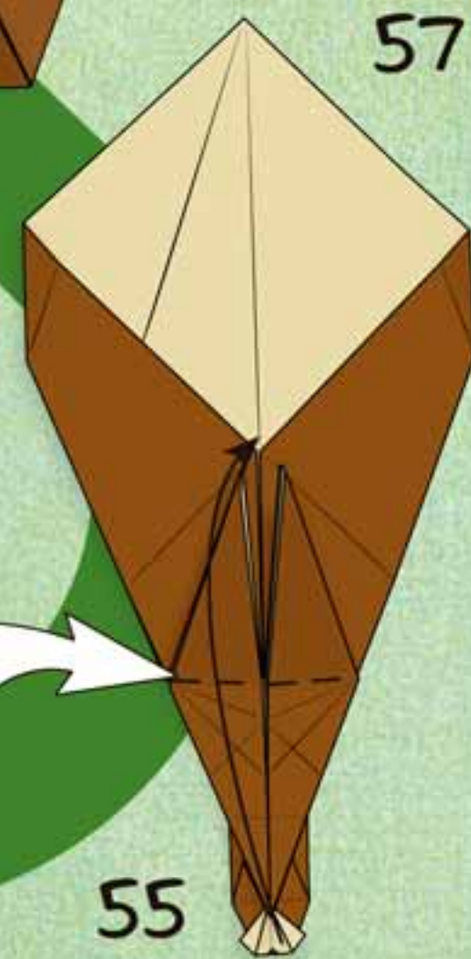
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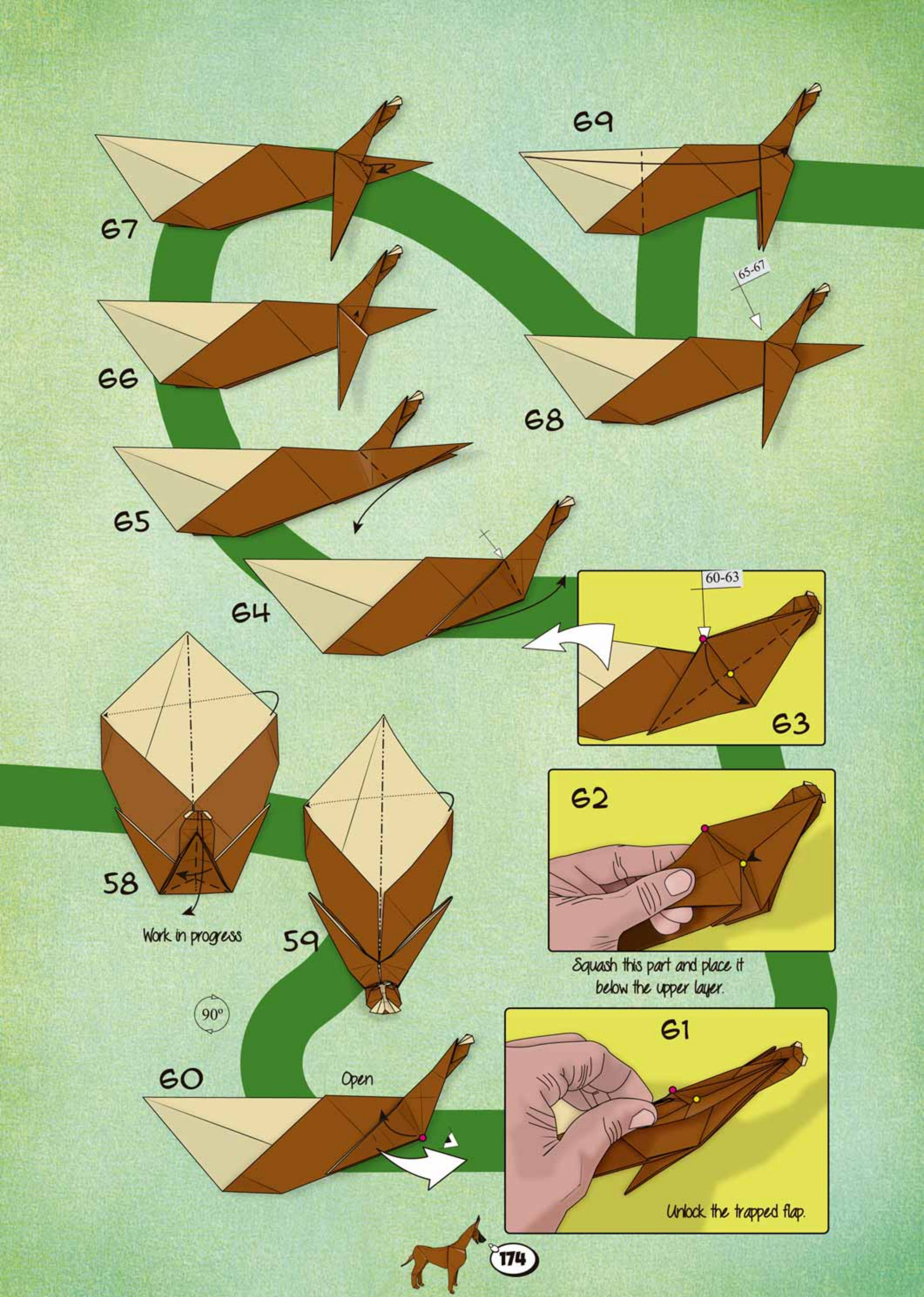
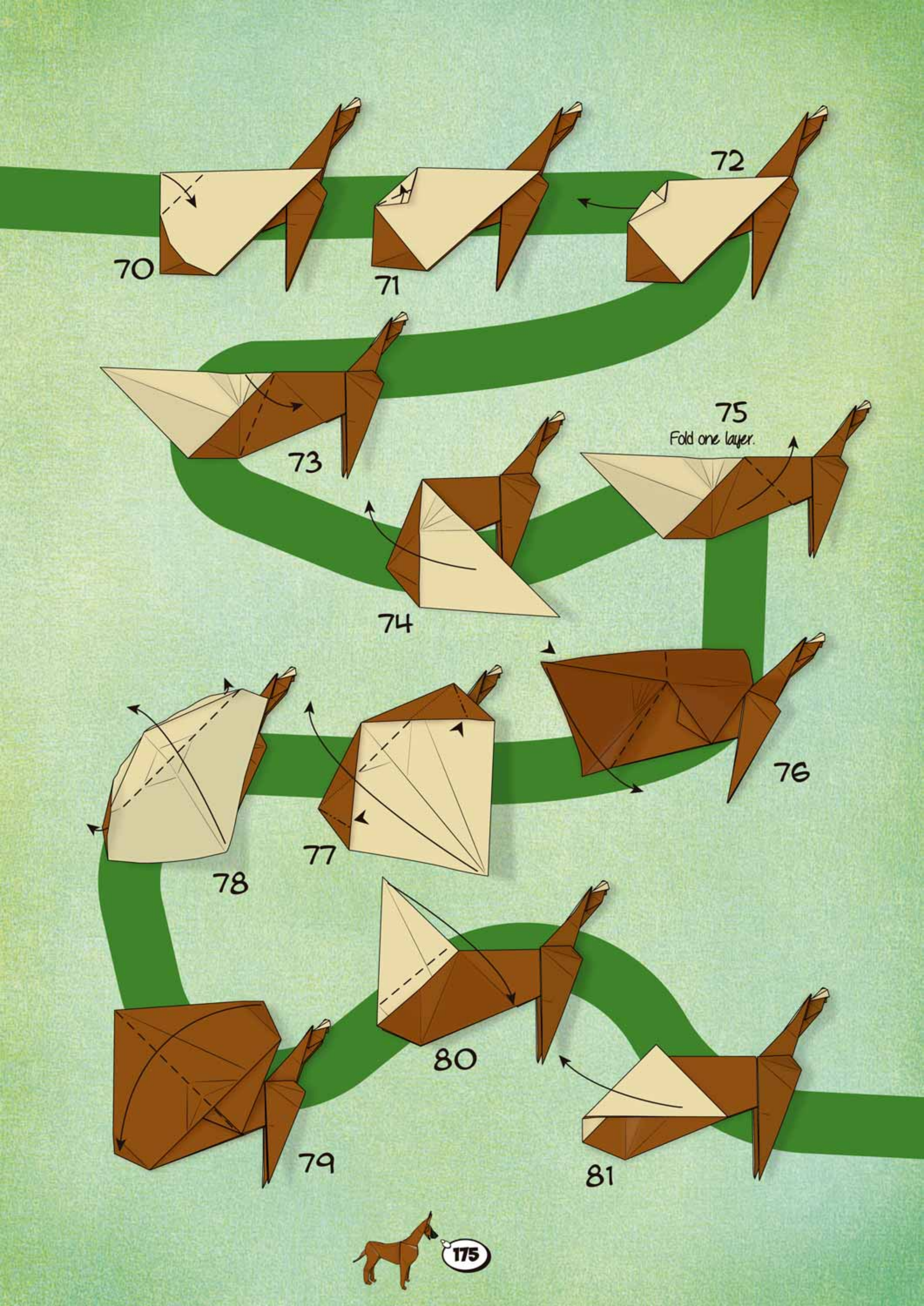
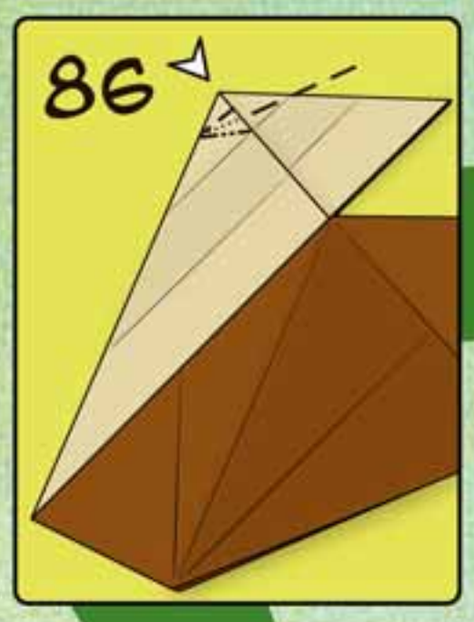
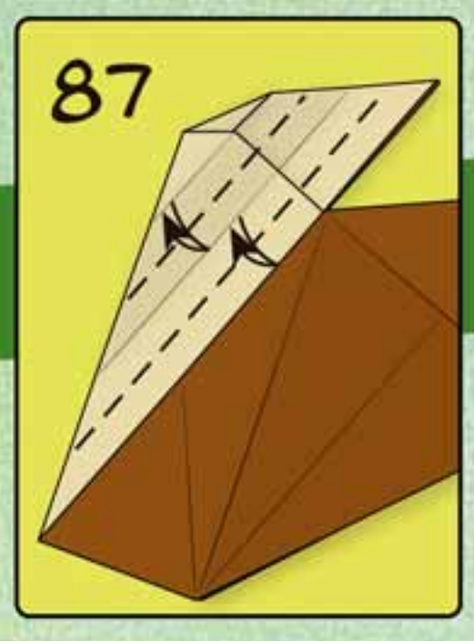
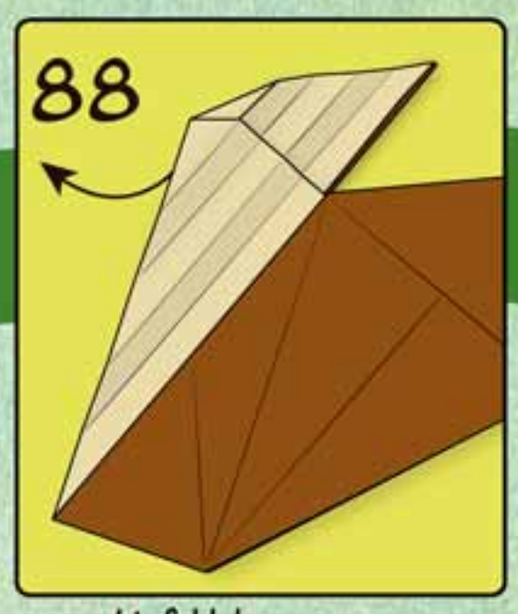

67
69
66
65-67
68
65
64
60-63
63
58
Work in progress
59
62
Squash this part and place it below the upper layer.
90°
60
Open
61
Unlock the trapped flap.
174

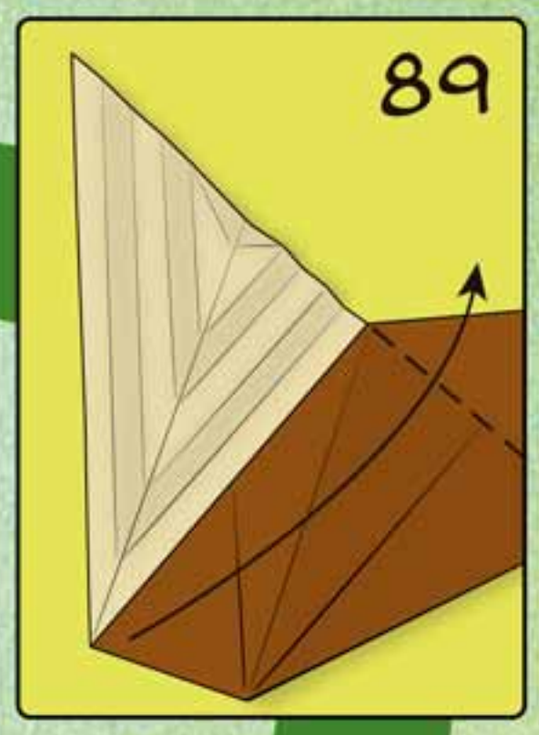

70
71
72
73
74
75
Fold one layer.
76
77
78
79
80
81
175

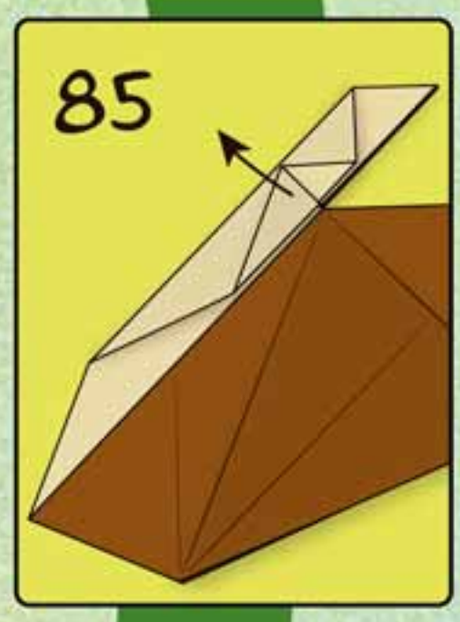


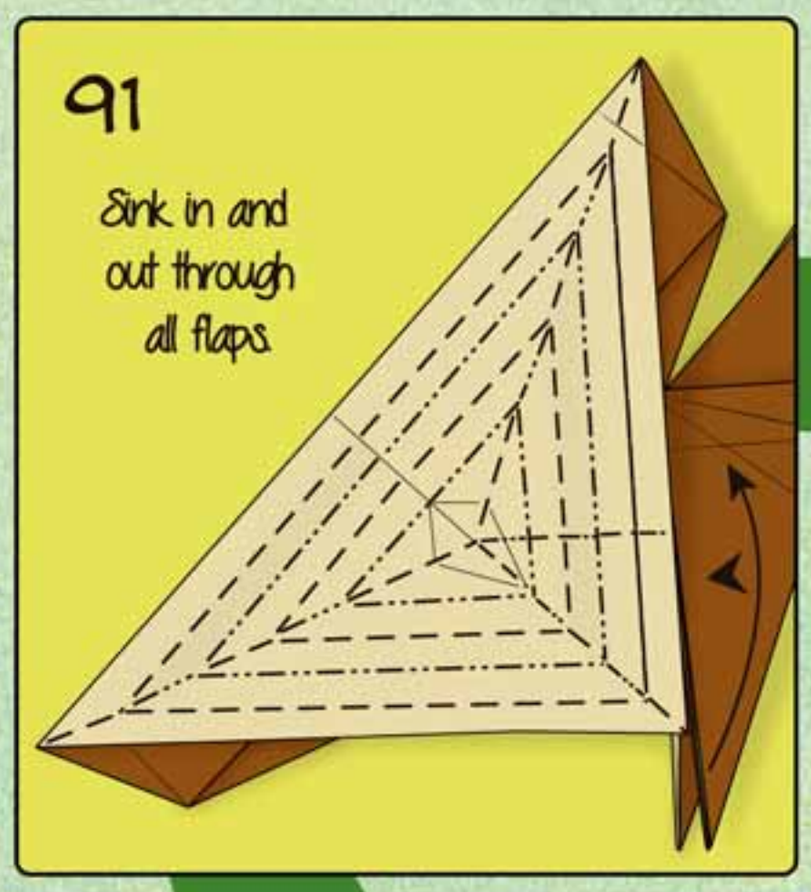


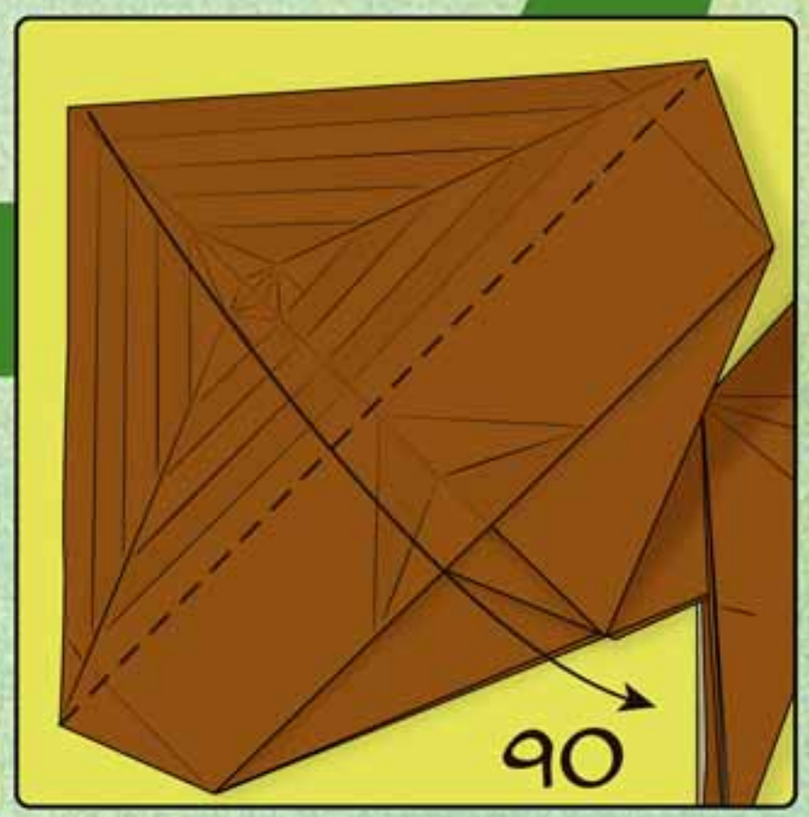


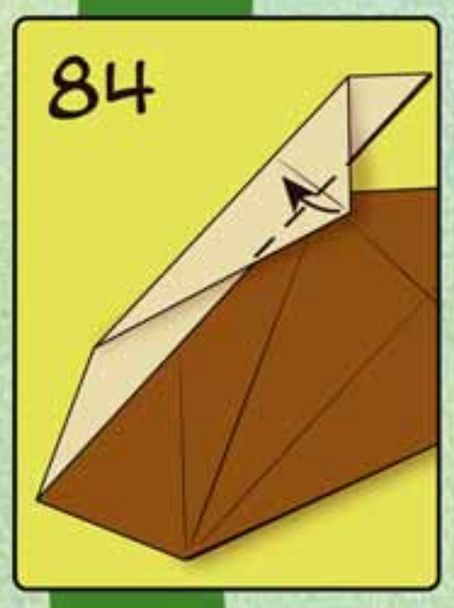
Unfold to step 82

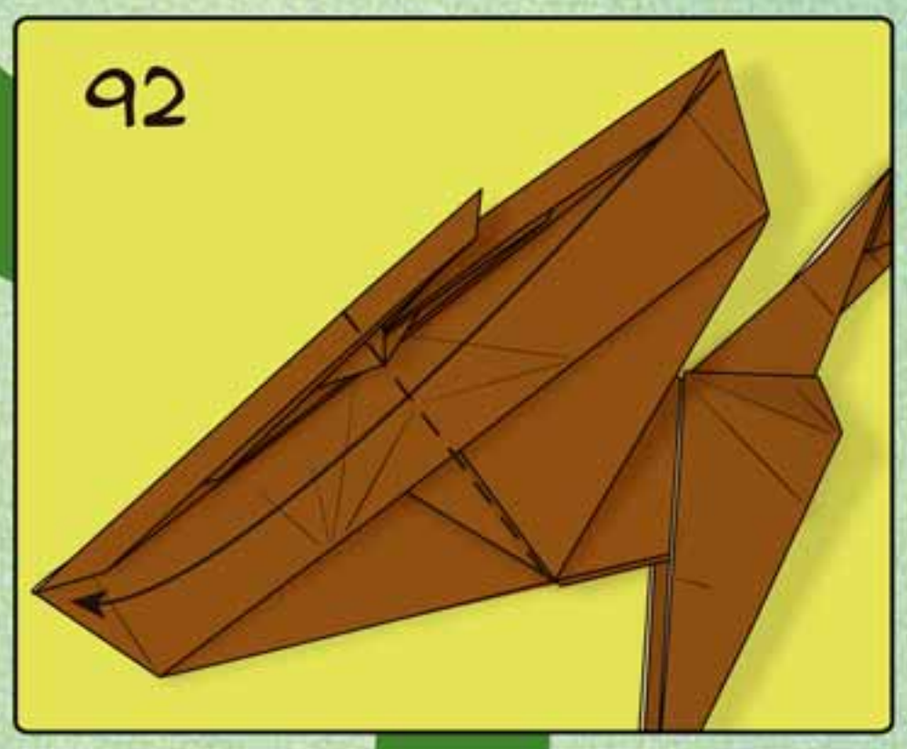


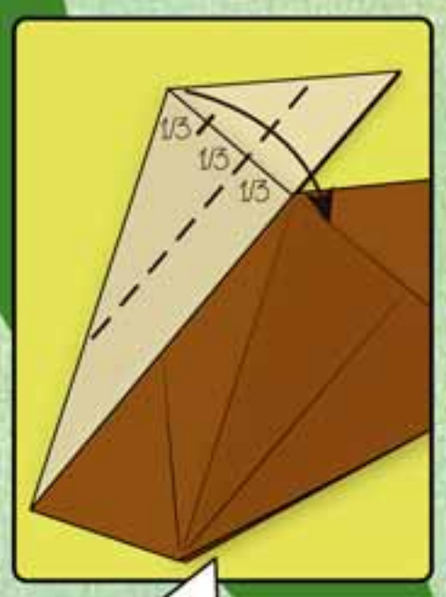




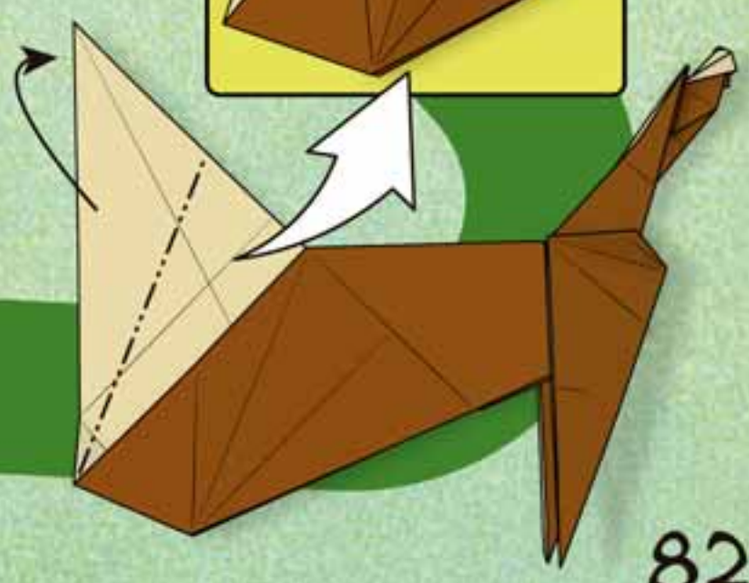








83



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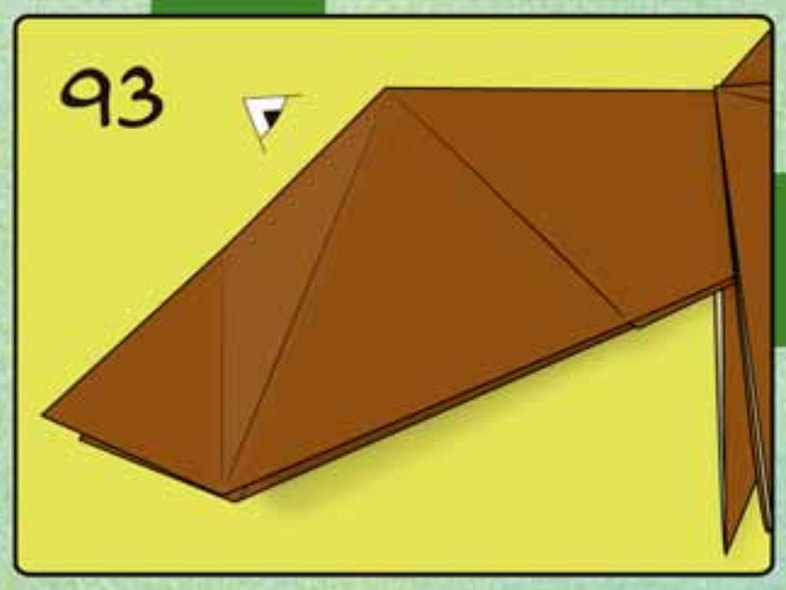

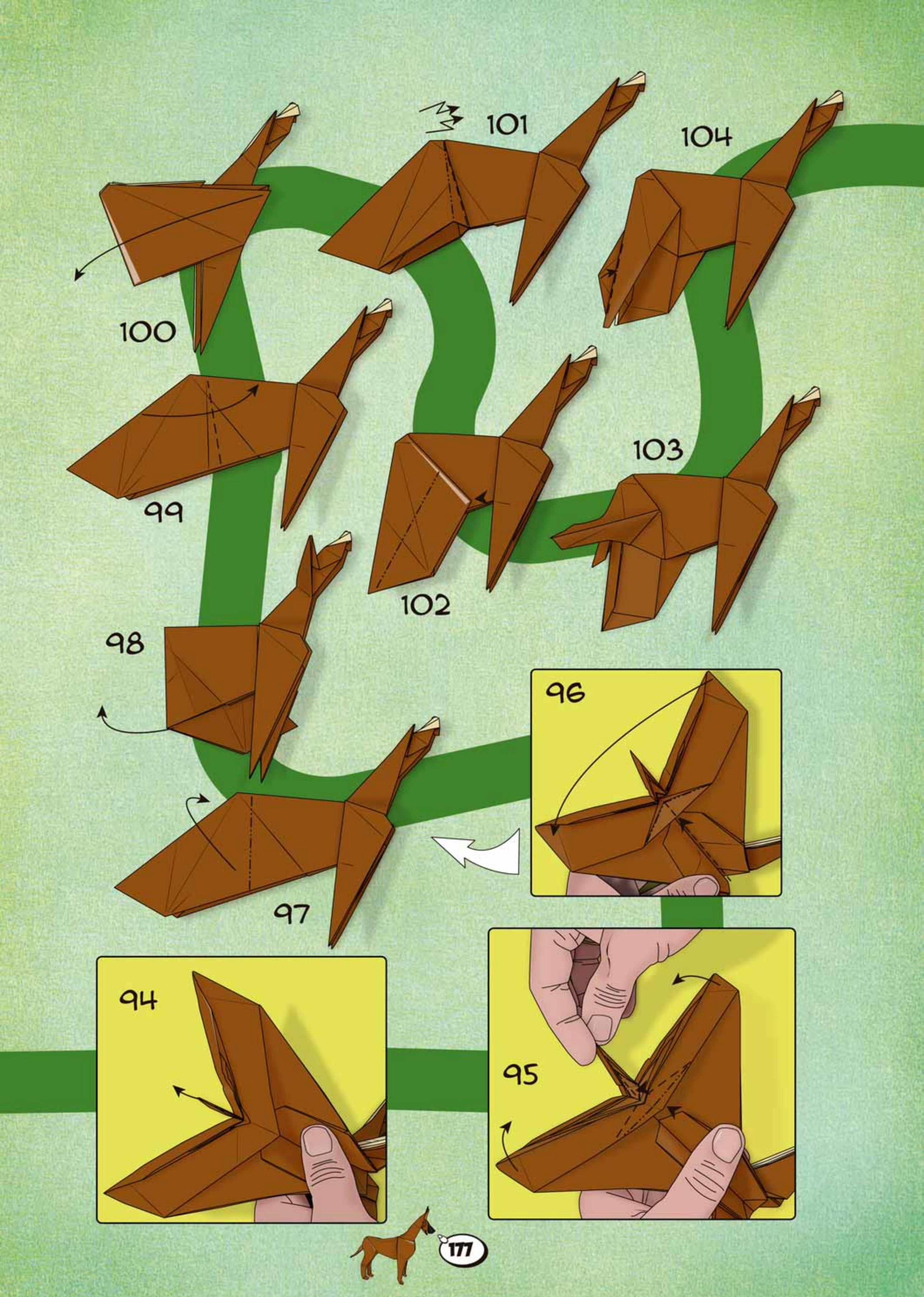
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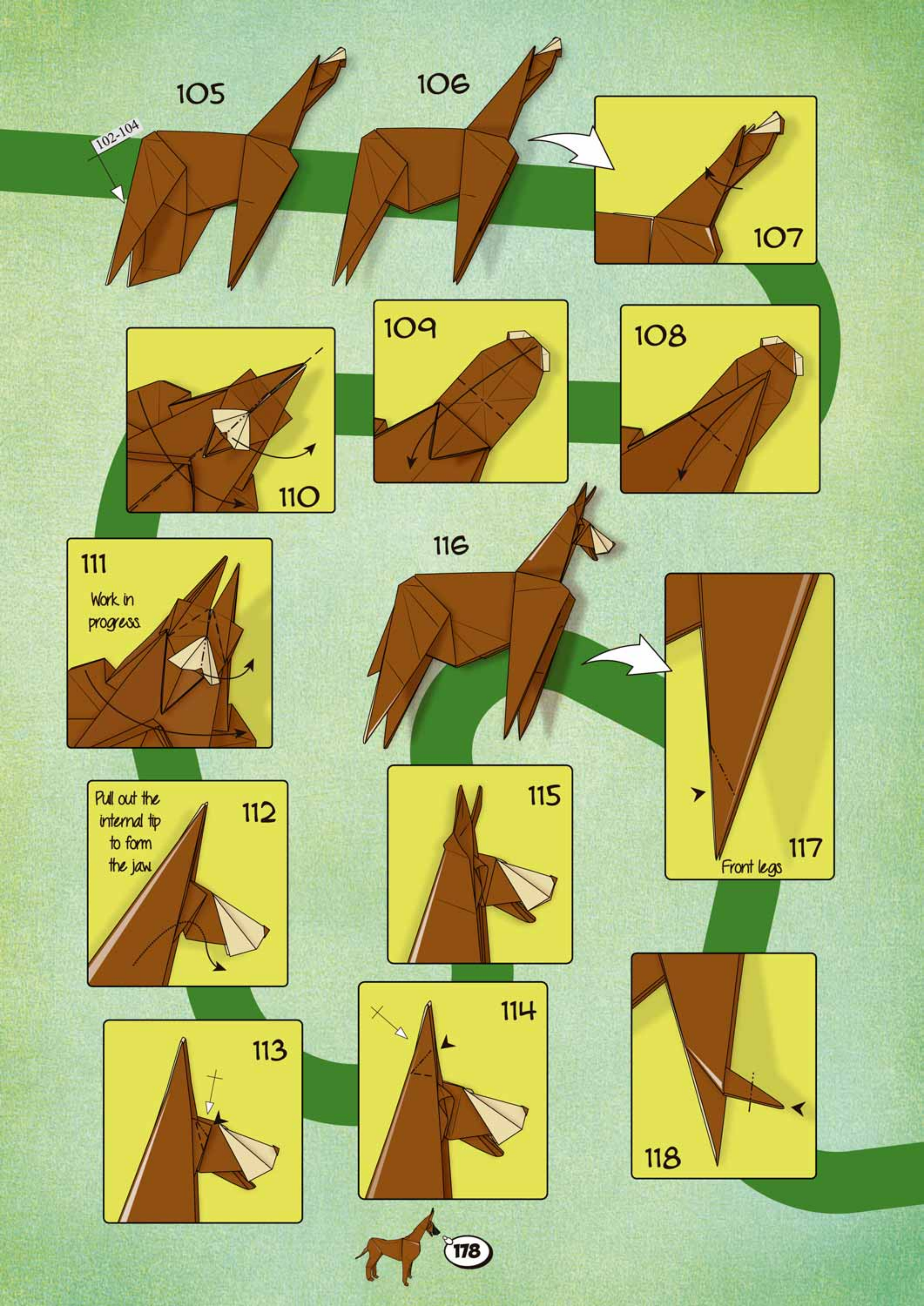
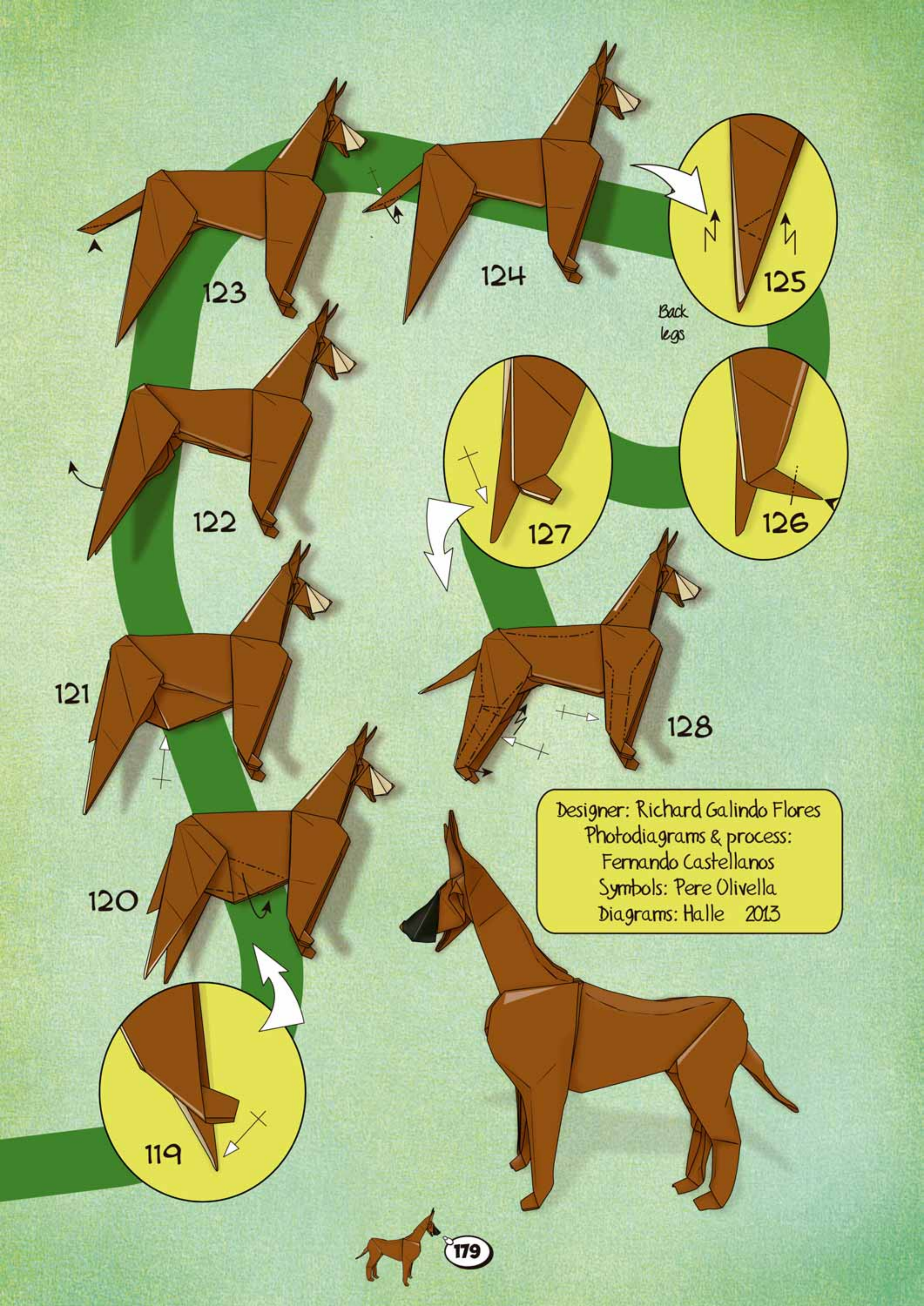
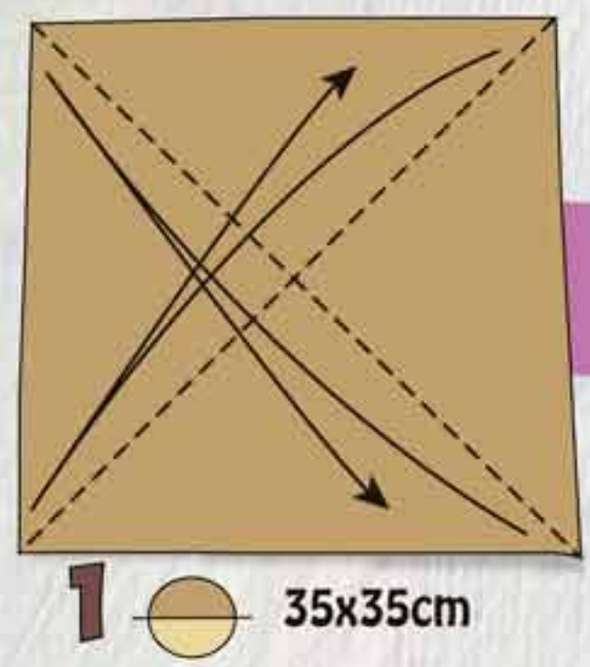

105
102-104
106
107
109
108
110
111
Work in progress
116
117
Front legs
112
Pull out the internal tip to form the jaw
115
114
113
118
178



Designer: Richard Galindo Flores
Photodiagrams & process:
Fernando Castellanos
Symbols: Pere Olivella
Diagrams: Halle 2013

MR. TEDDY

by Didier Piguel



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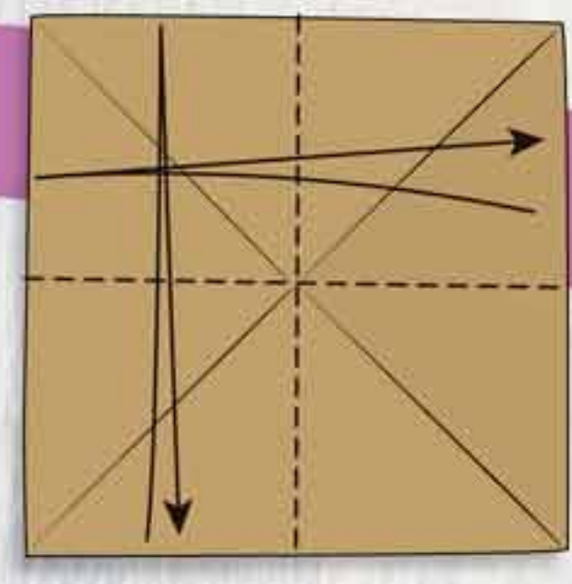

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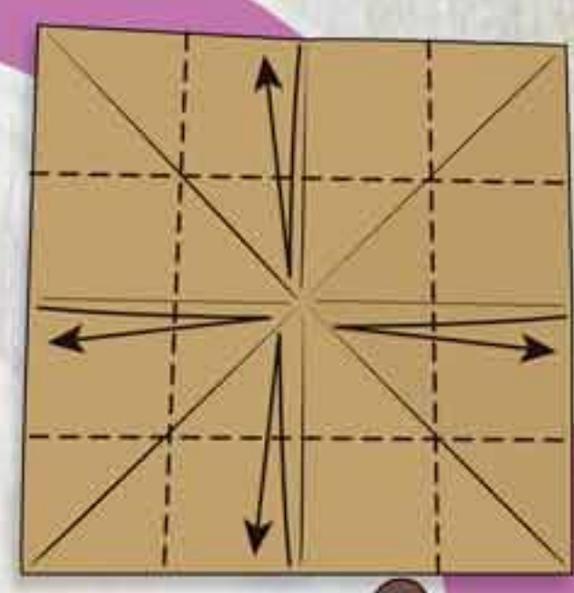

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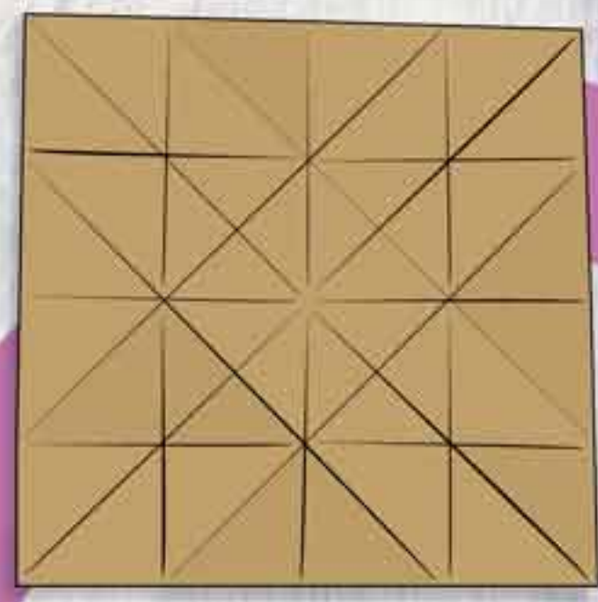

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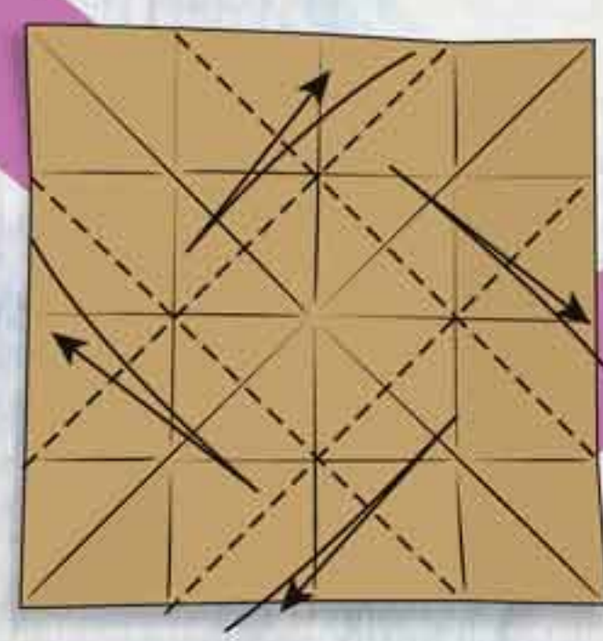

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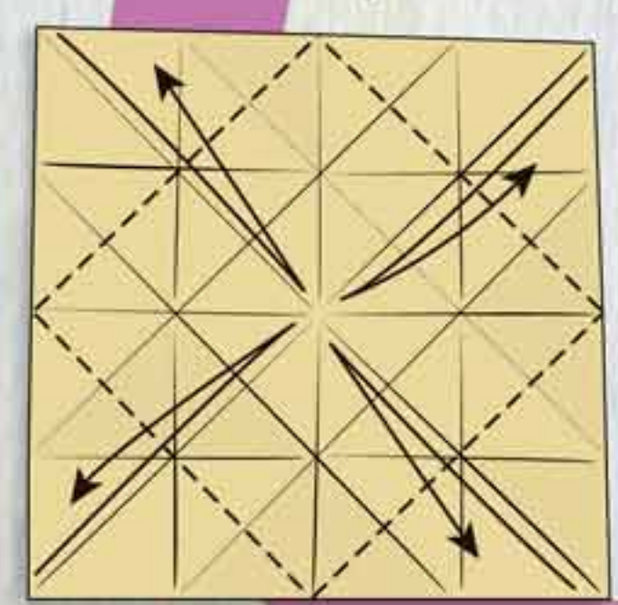

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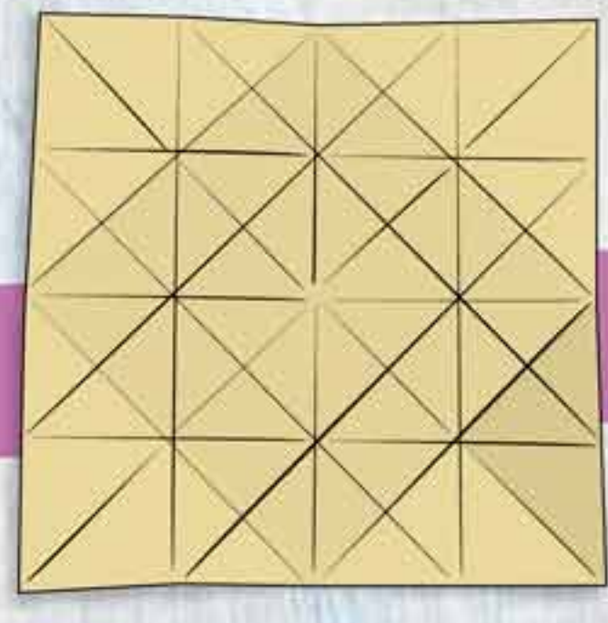

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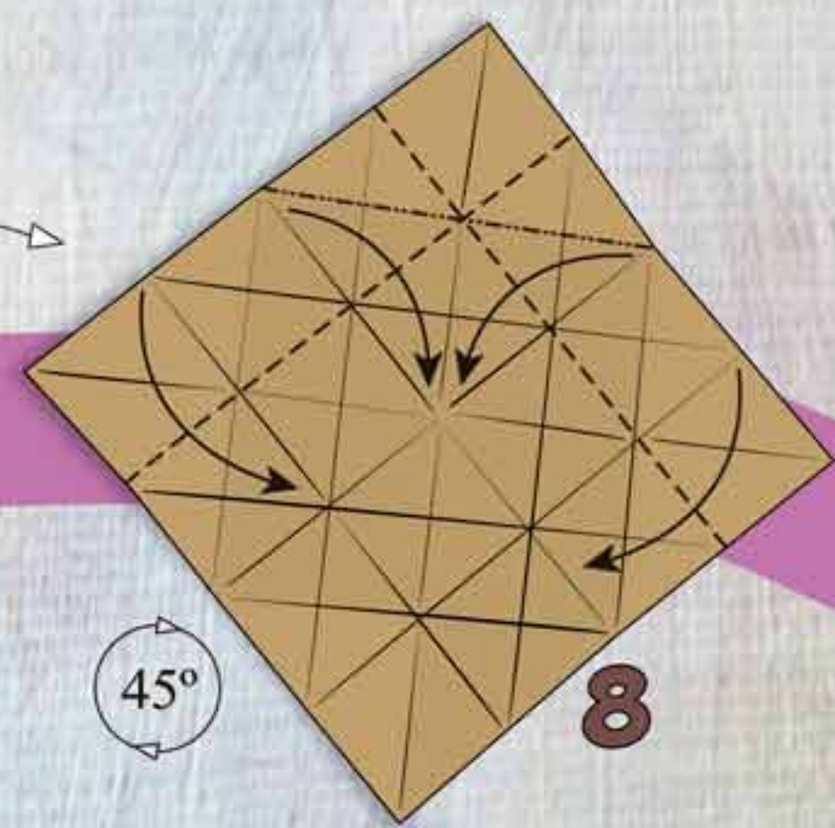

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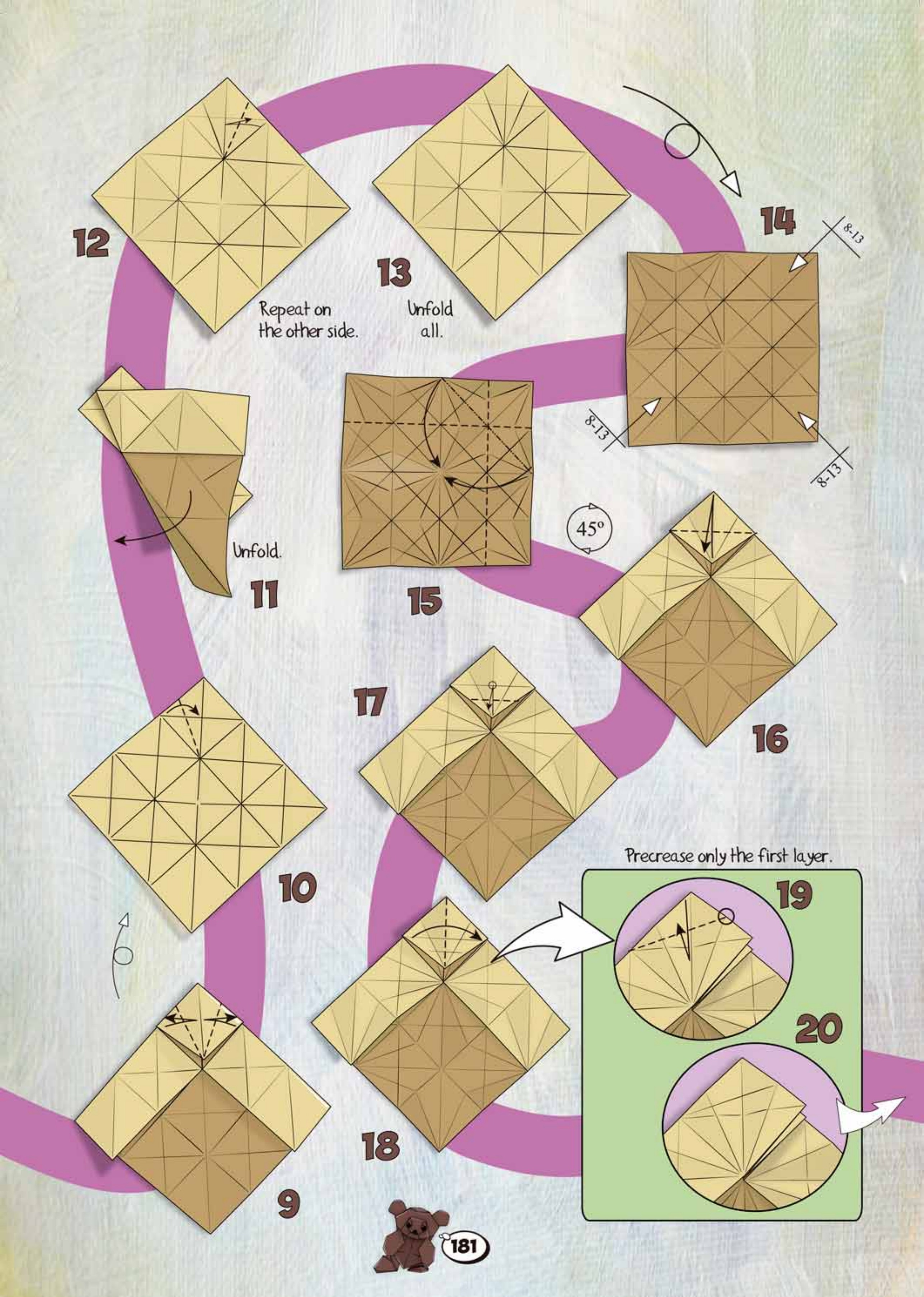
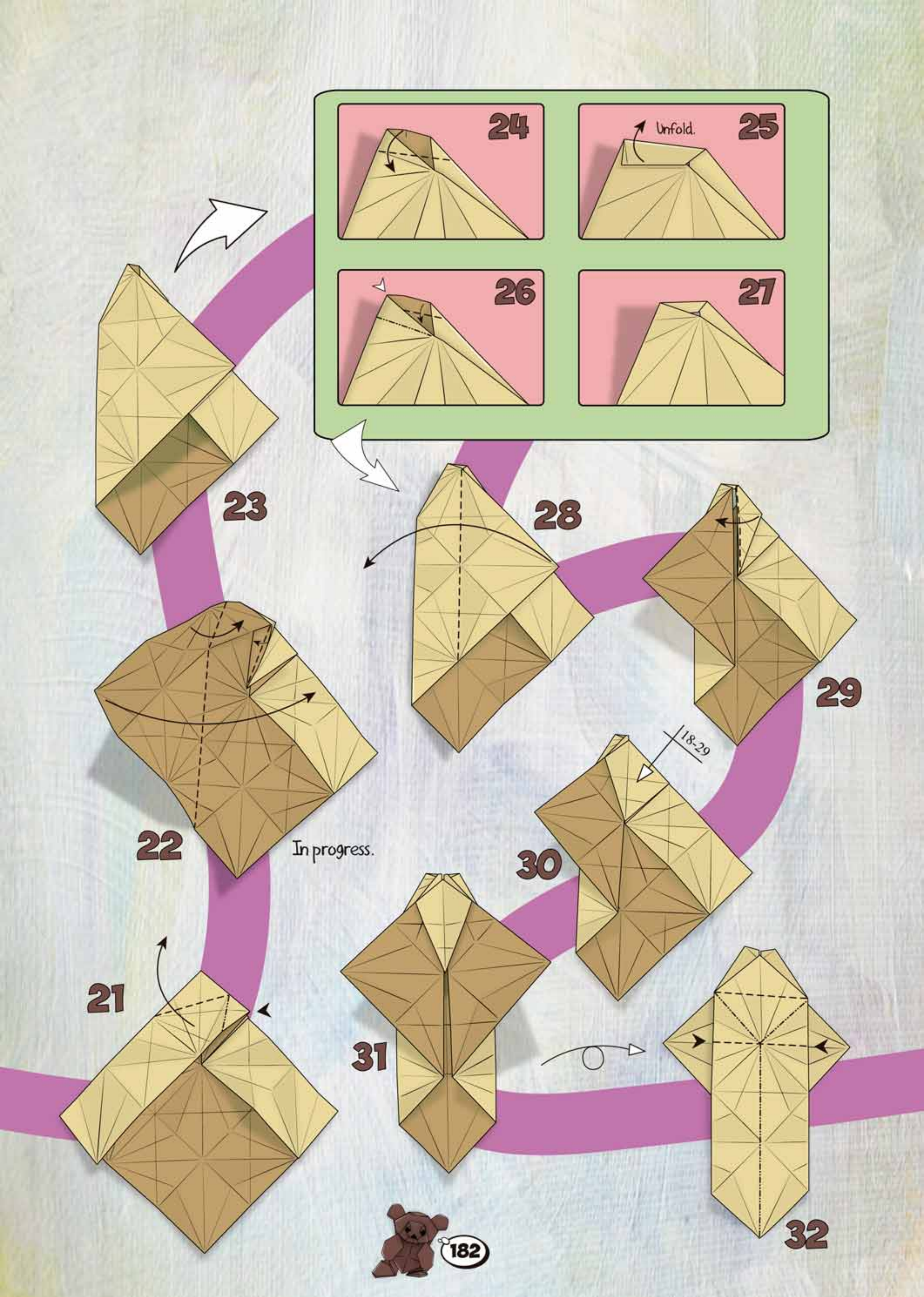
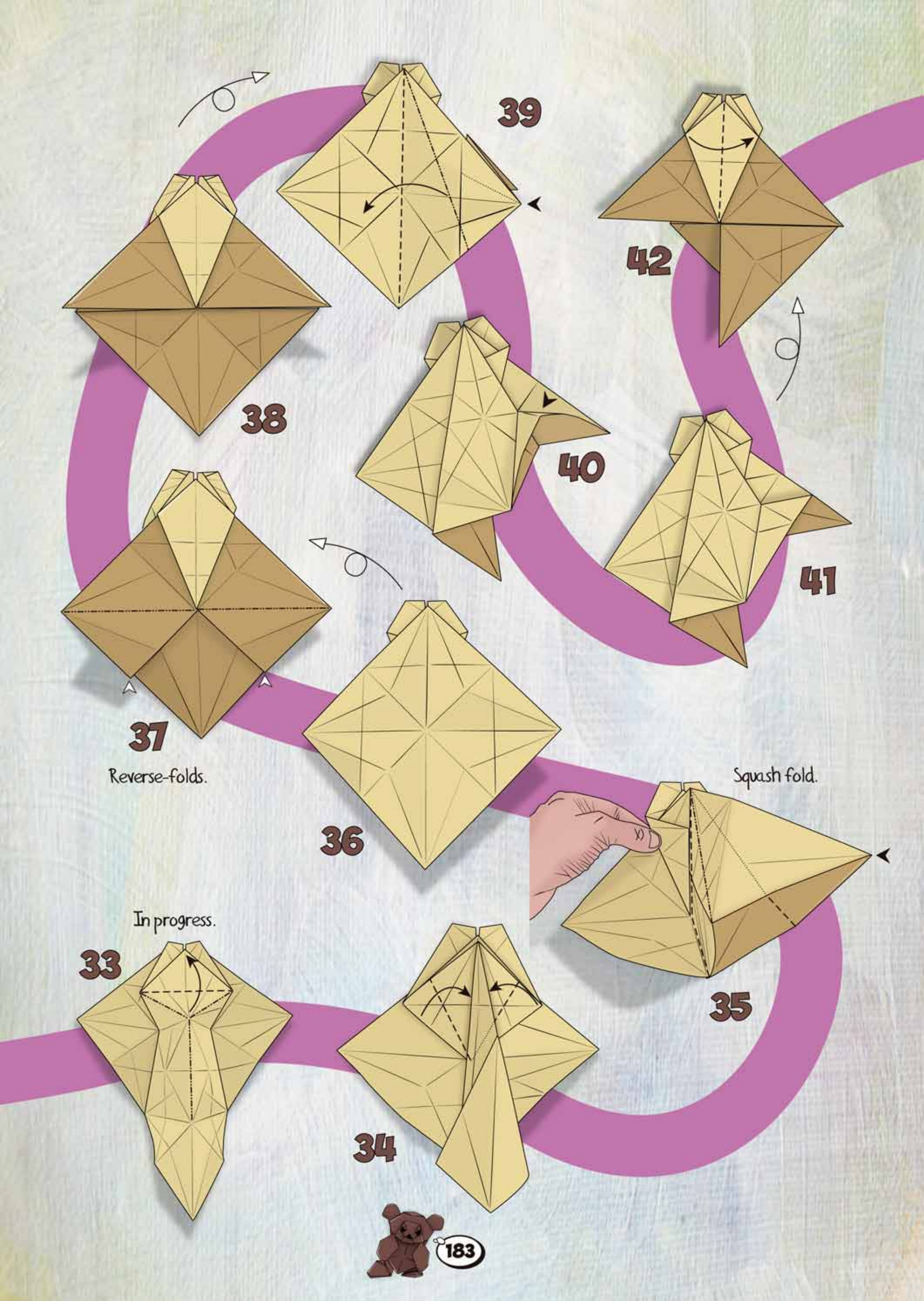
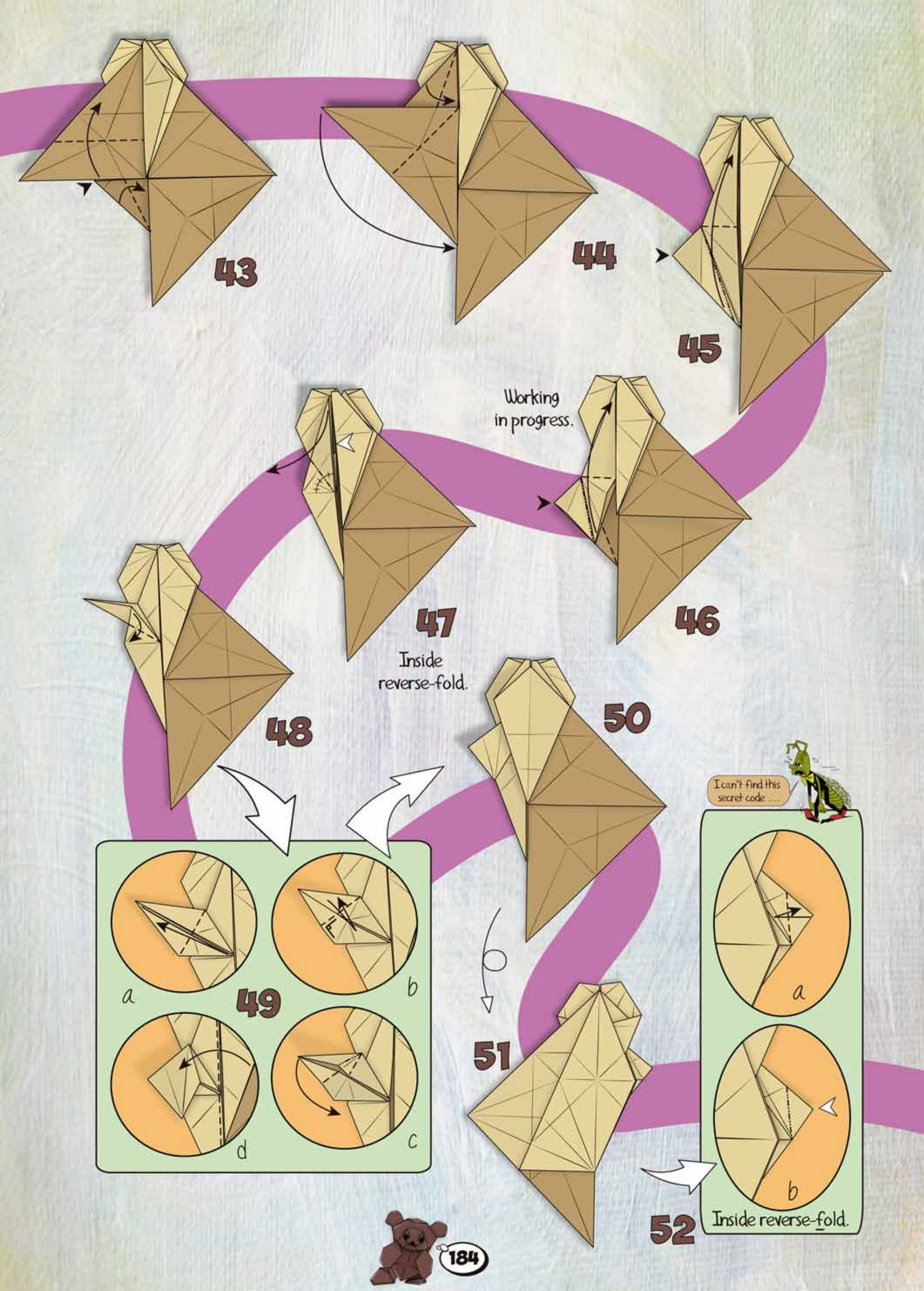
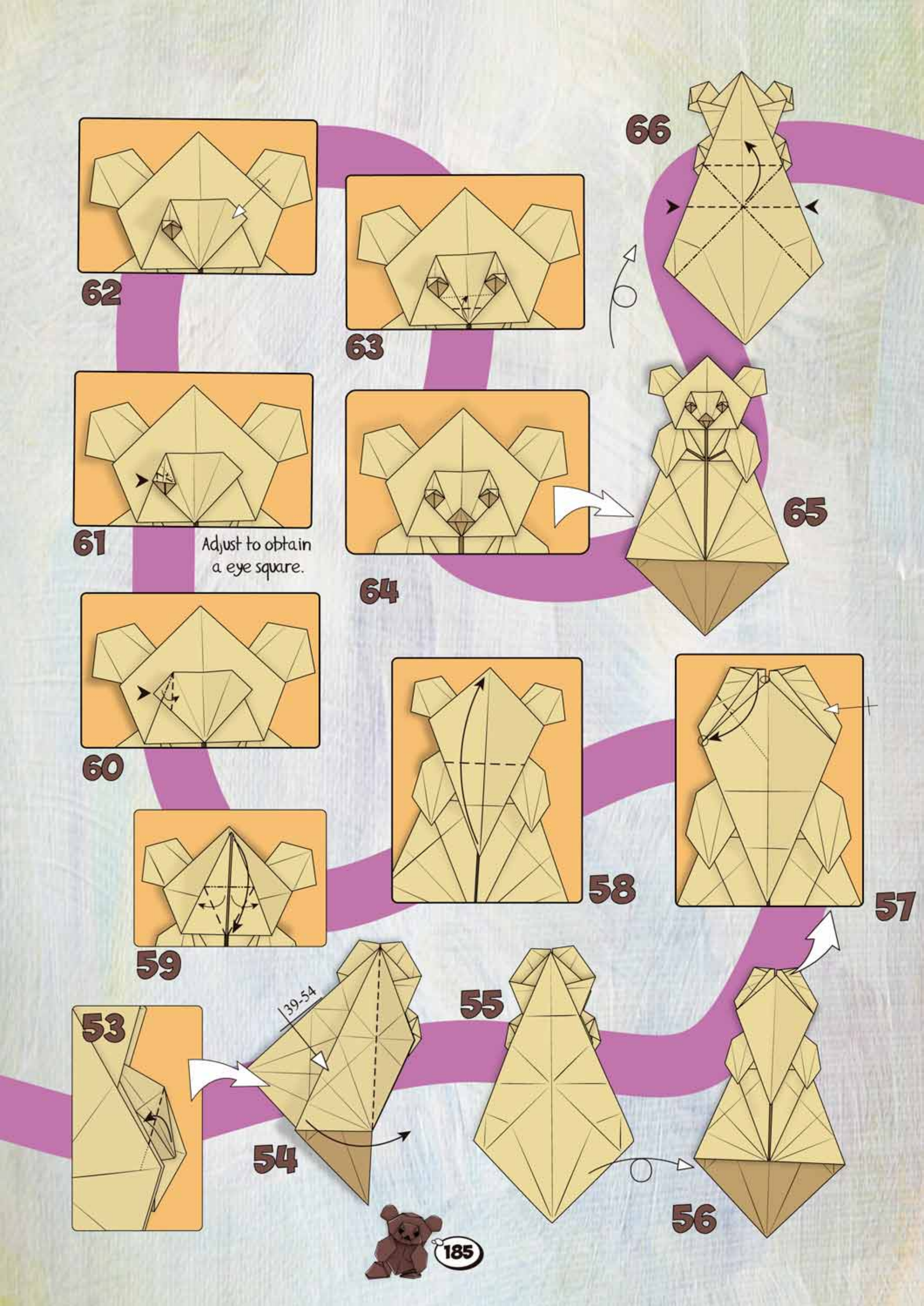
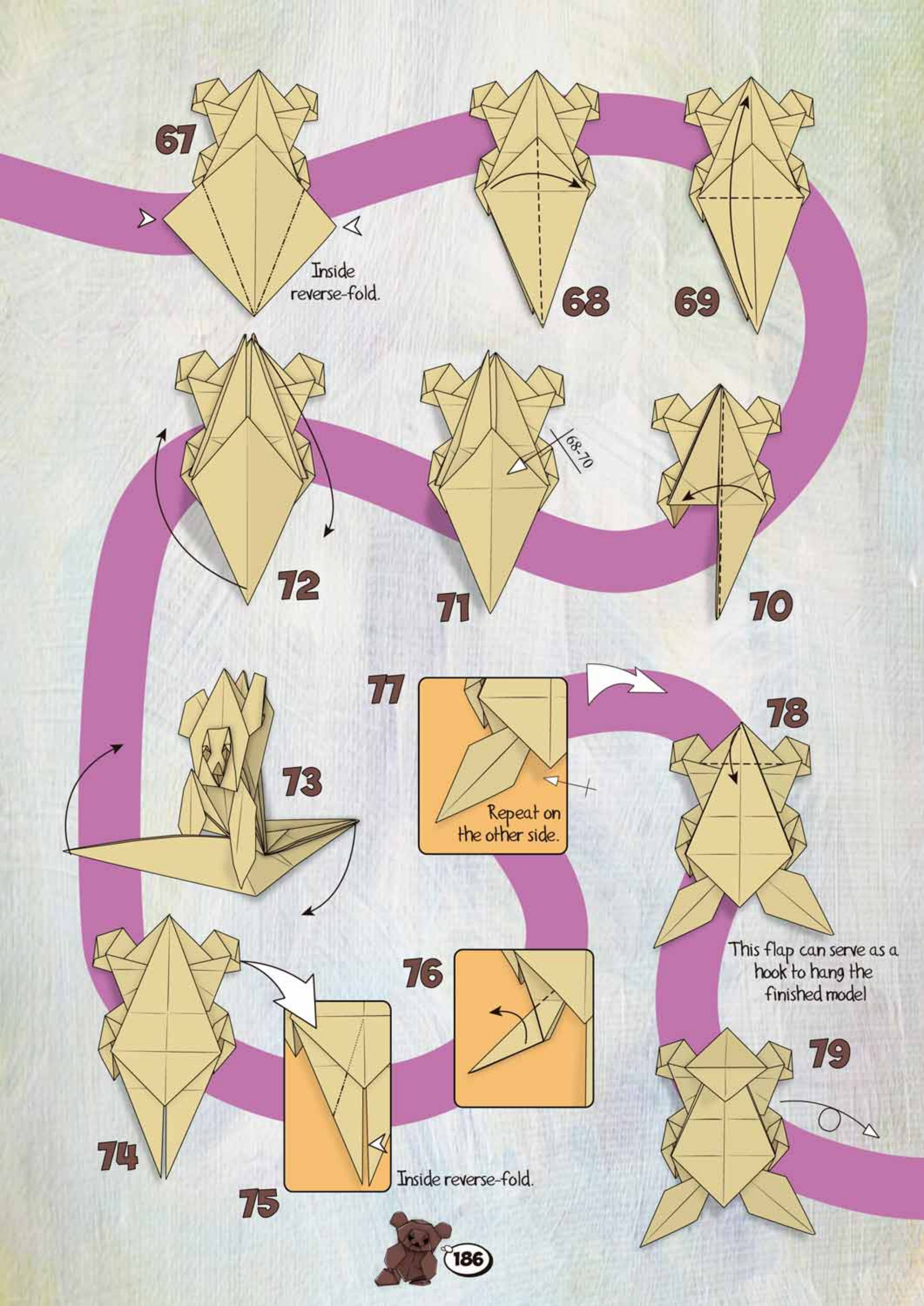

12
Repeat on the other side.
13
Unfold all.
14
8-13
8-13
8-13
Unfold.
11
15
45°
16
17
10
Precrease only the first layer.
19
20
18
9
181

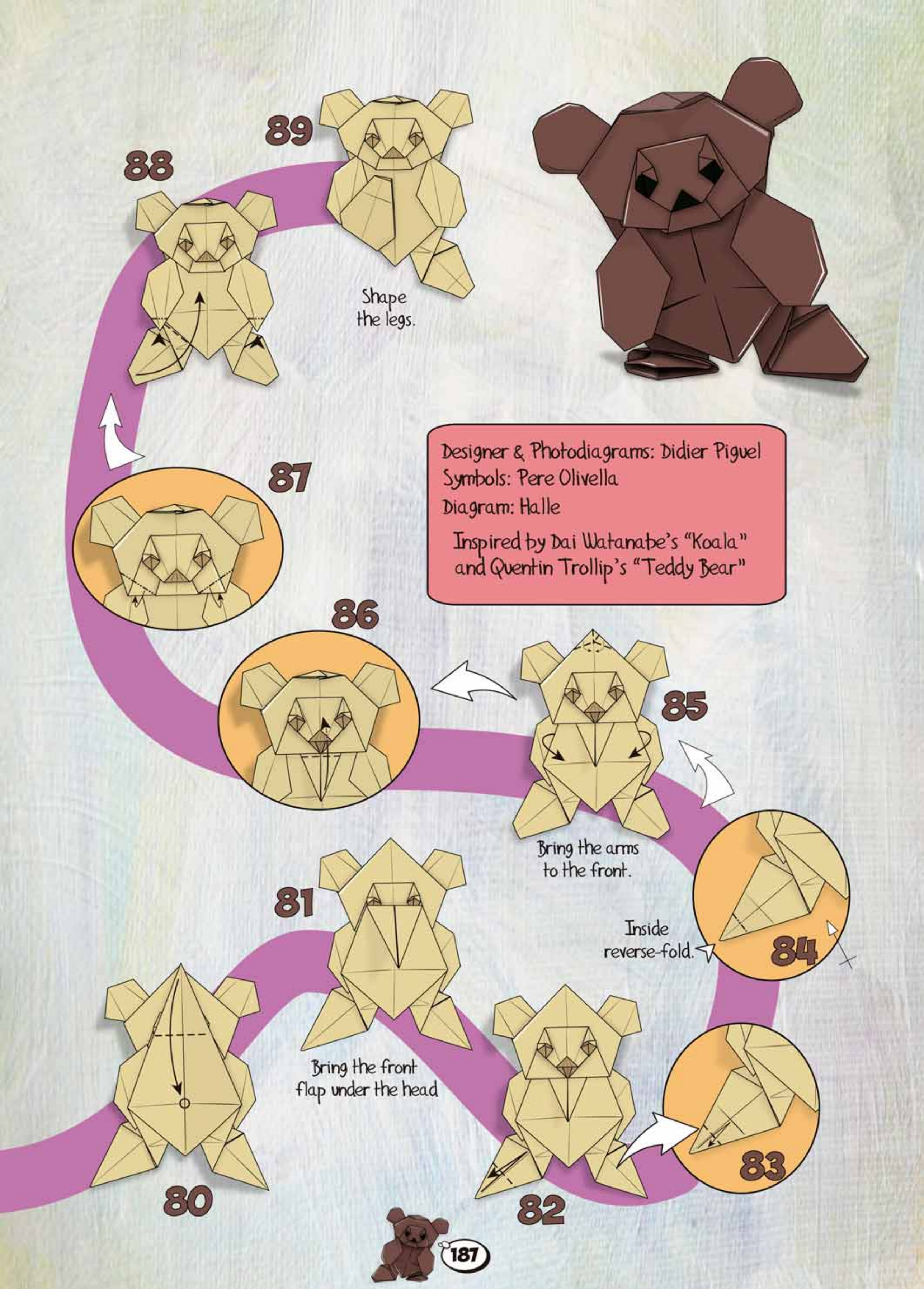

24
Unfold.
25
26
27
23
28
29
18-29
22
In progress.
30
21
31
32


39
42
38
40
41
37
Reverse-folds.
36
Squash fold.
35
In progress.
33
34


43
44
45
Working in progress.
46
47
Inside reverse-fold.
48
50
49
a
b
c
d
51
I can't find this secret code ....
a
b
Inside reverse-fold.
52


62
63
66
61
Adjust to obtain
a eye square.
64
65
60
58
57
59
53
39-54
55
54
56
185


67
Inside reverse-fold.
68
69
70
68-70
71
72
73
74
75
76
77
Repeat on the other side.
78
This flap can serve as a hook to hang the finished model
79
Inside reverse-fold.

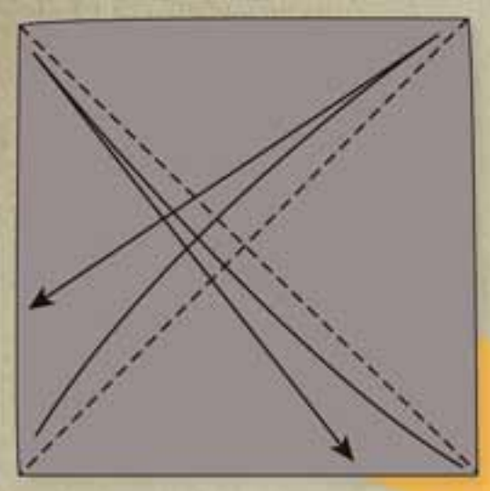


Designer & Photodiagrams: Didier Piguel
Symbols: Pere Olivella
Diagram: Halle

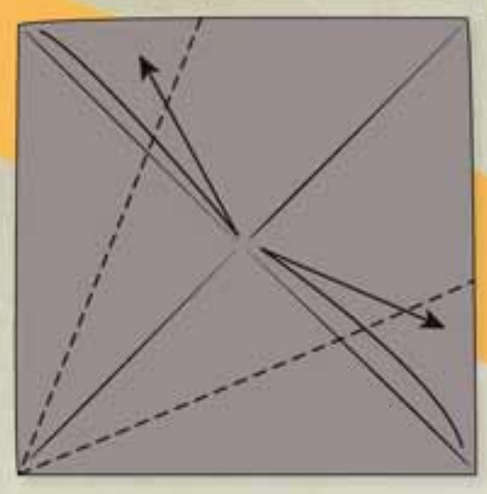
Inspired by Dai Watanabe's "Koala" and Quentin Trollip's "Teddy Bear"

Napoleón

by Eduardo Santos
"El Alquimista"



1 40 x 40 cm
Sandwich paper



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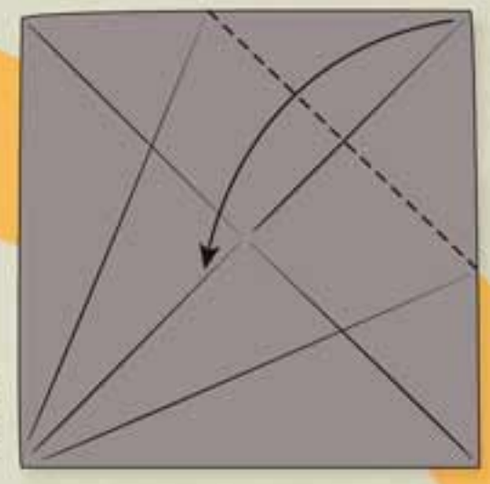

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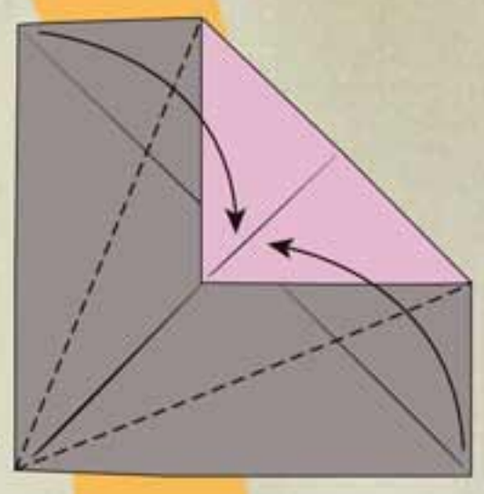

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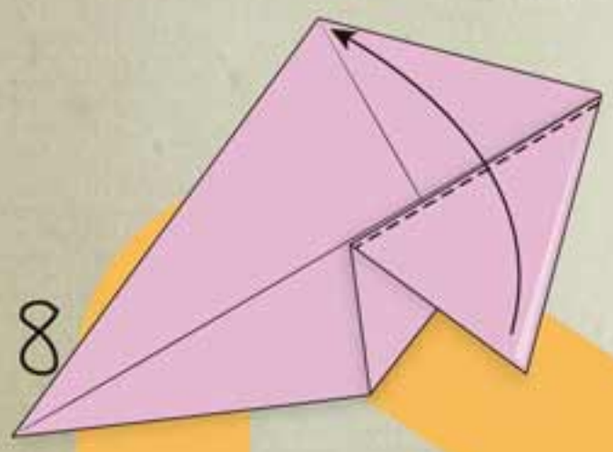

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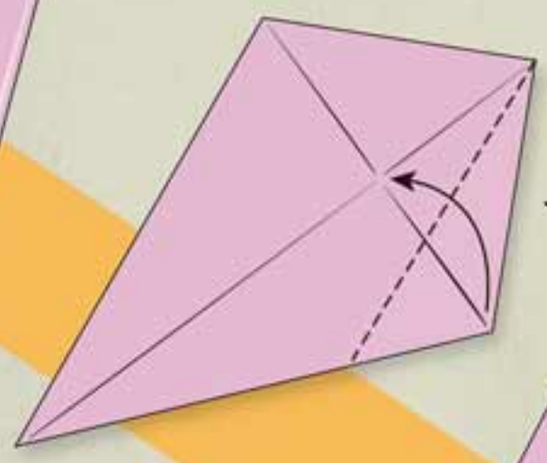

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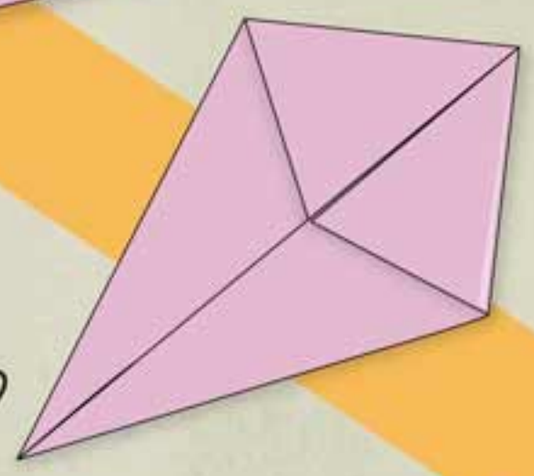

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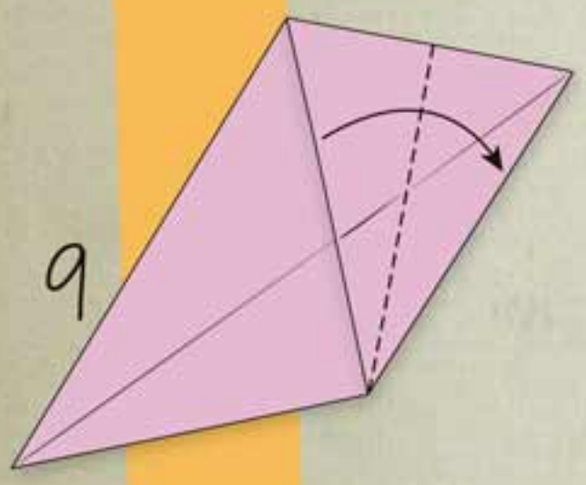

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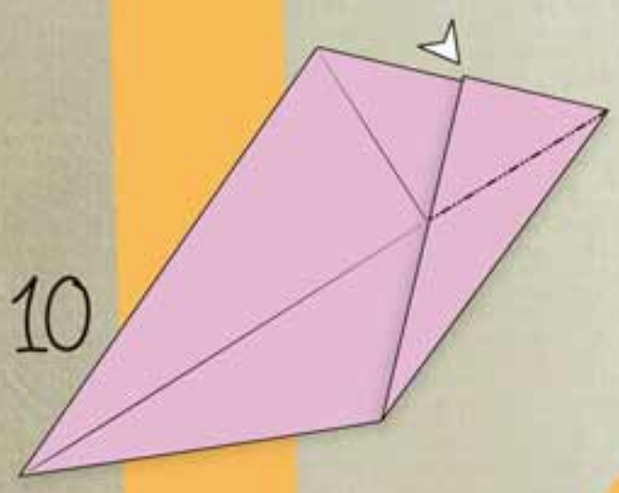

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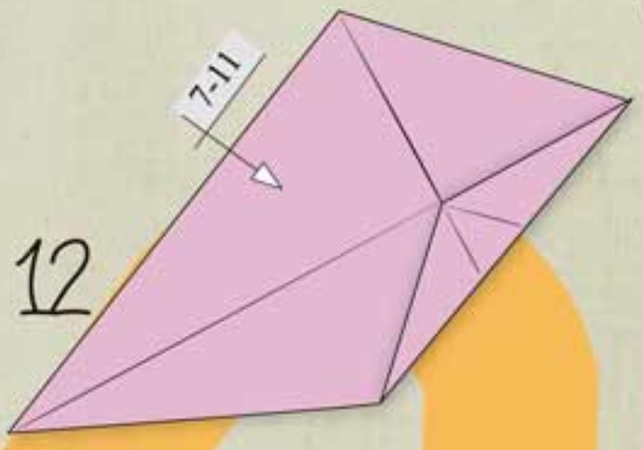

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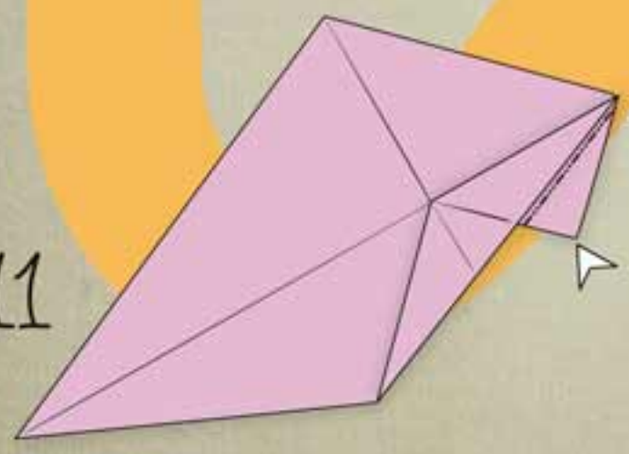

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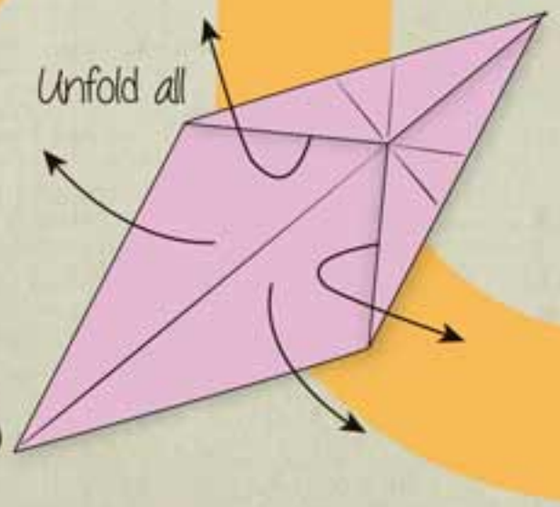

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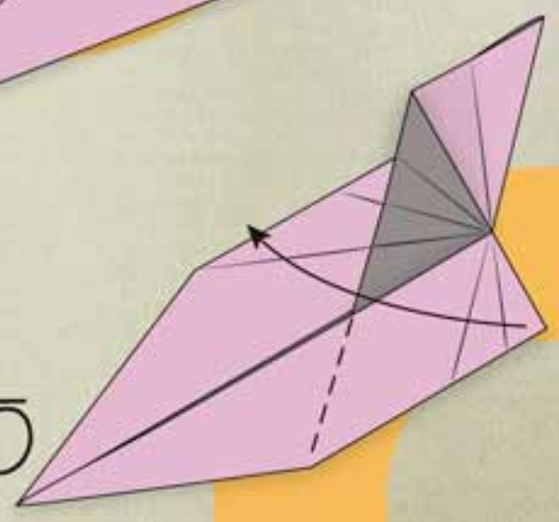

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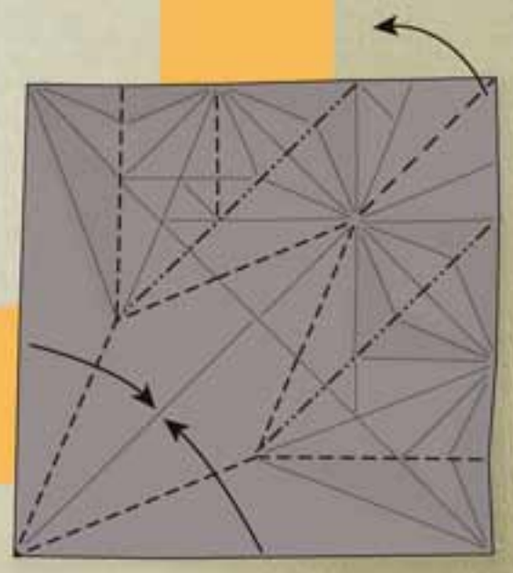

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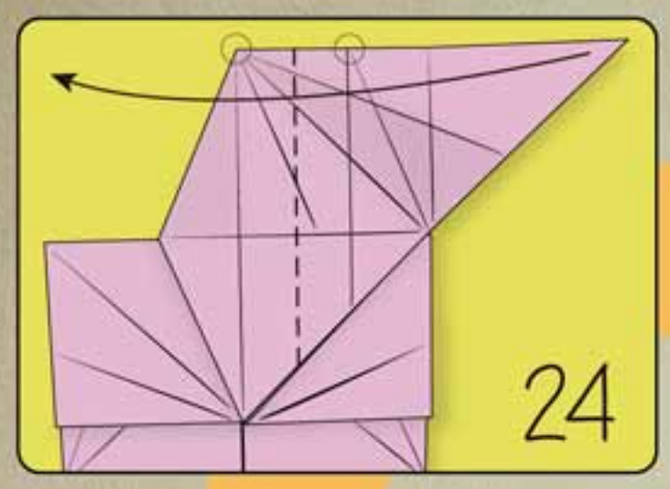
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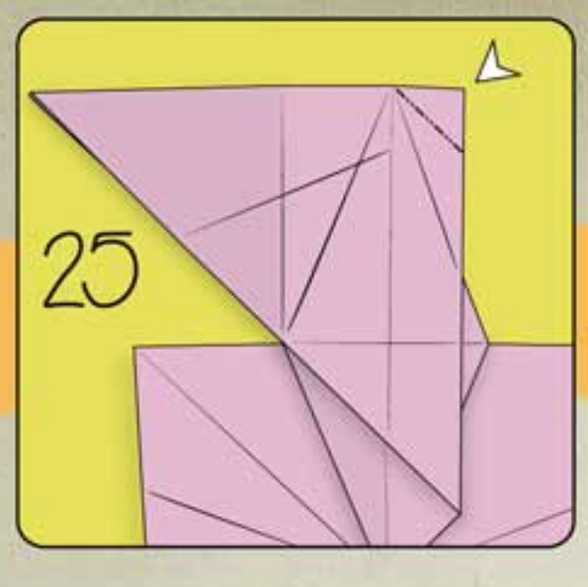
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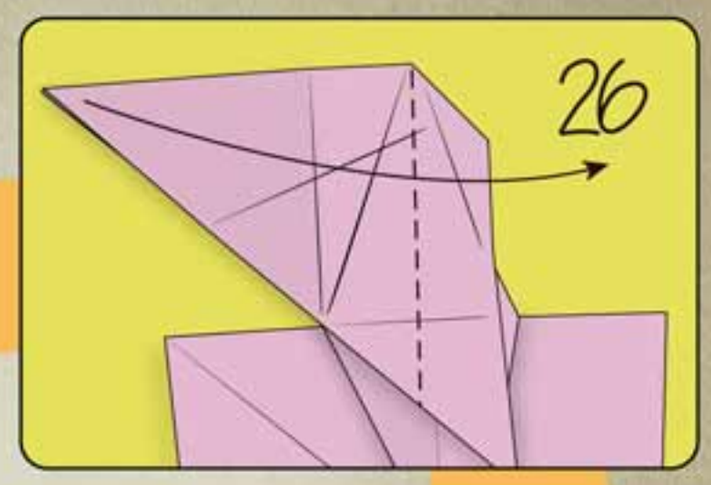
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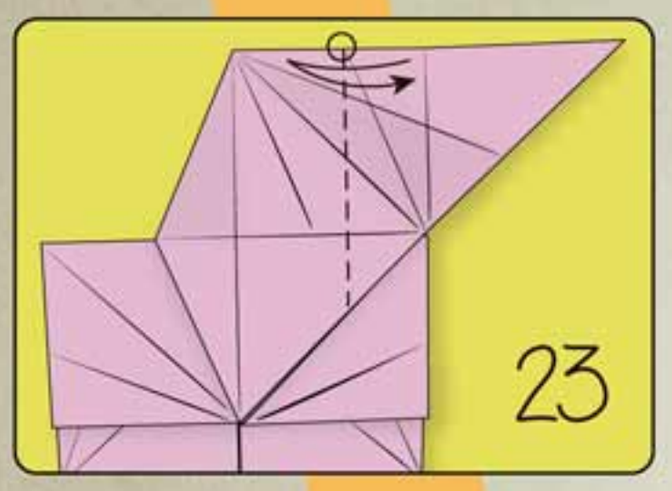
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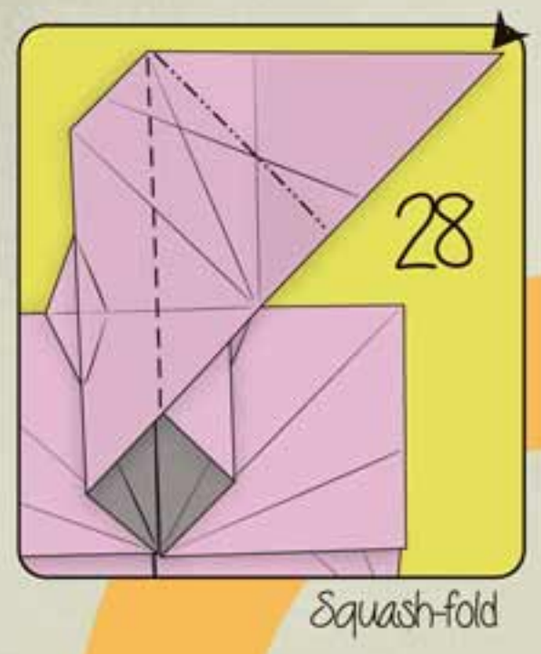
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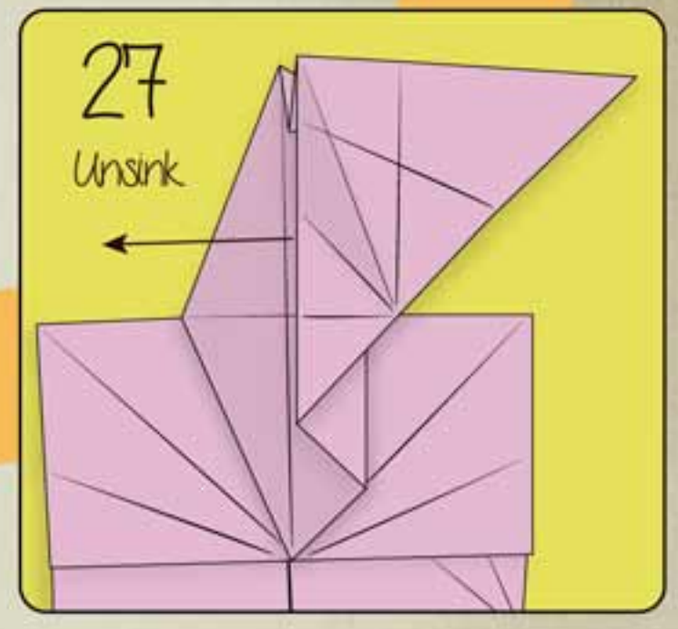
Squash-fold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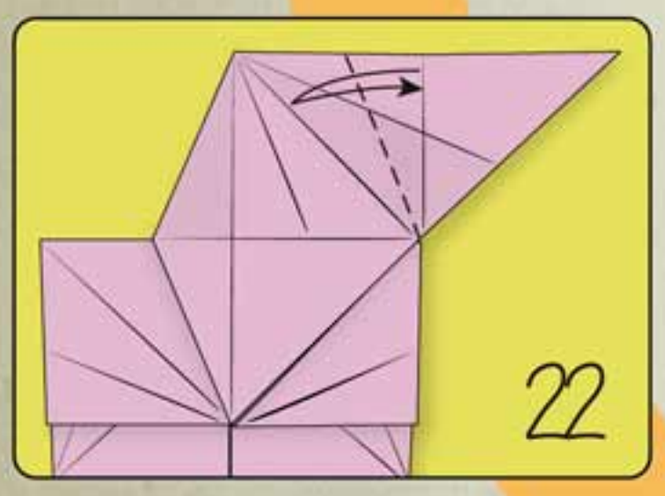
Unsink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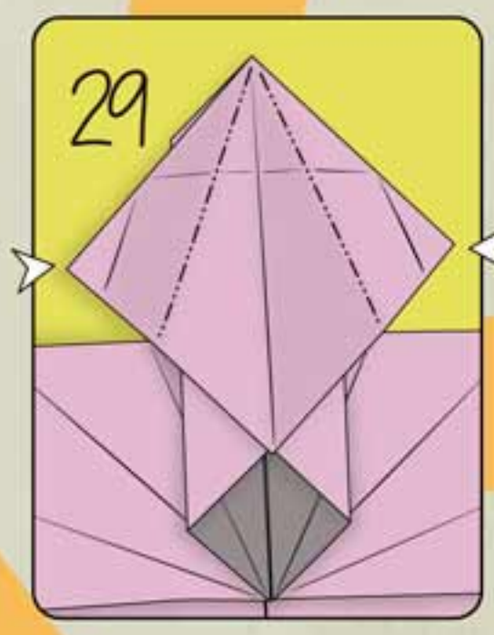
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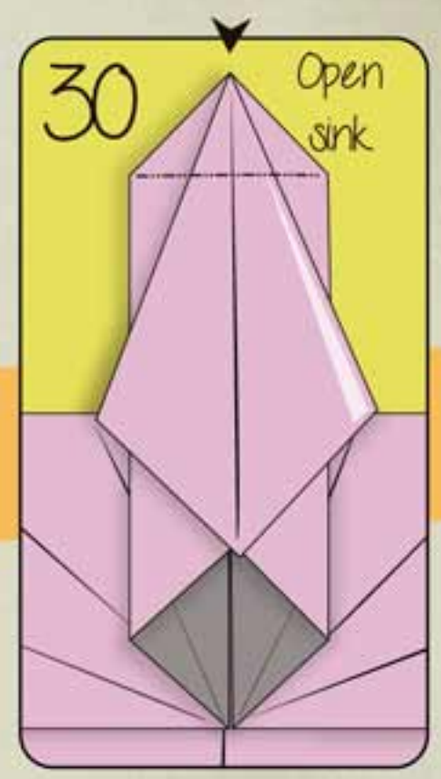
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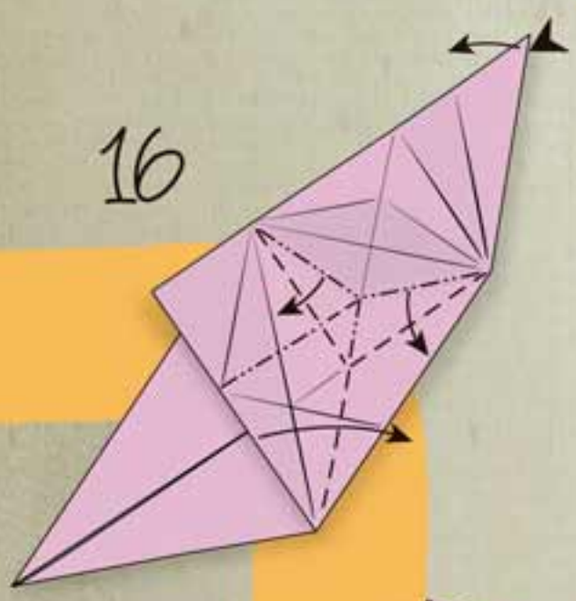
Open
sink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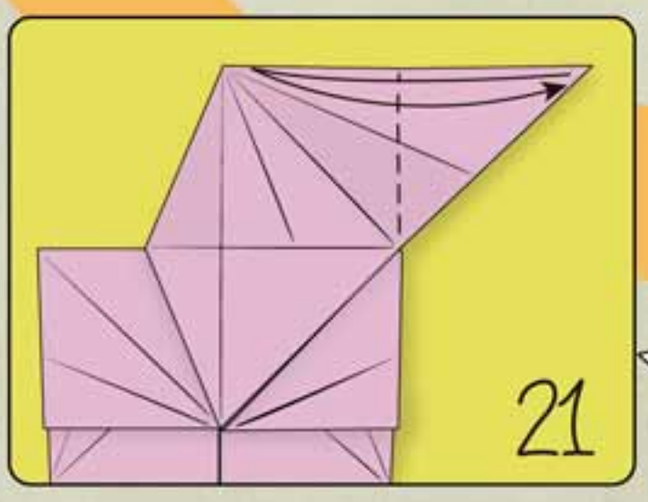
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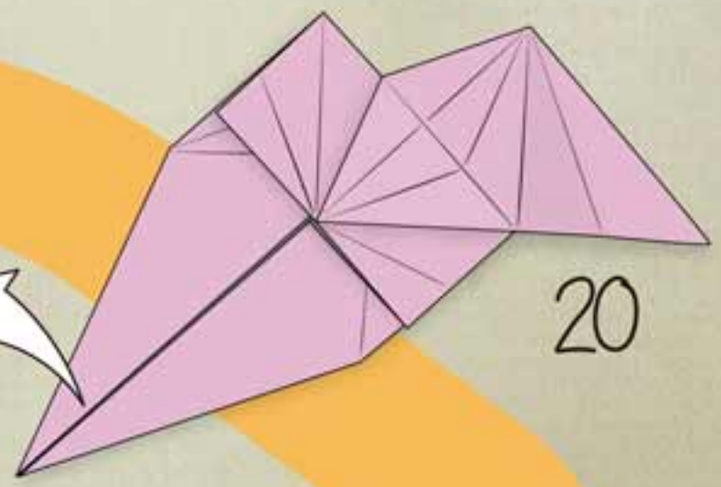
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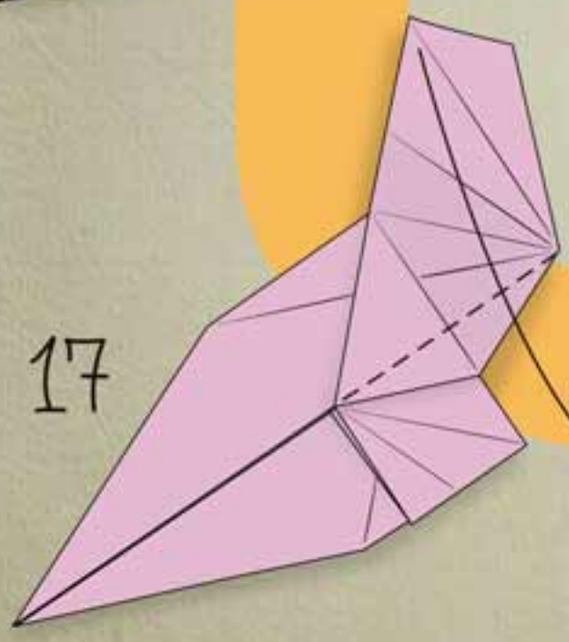
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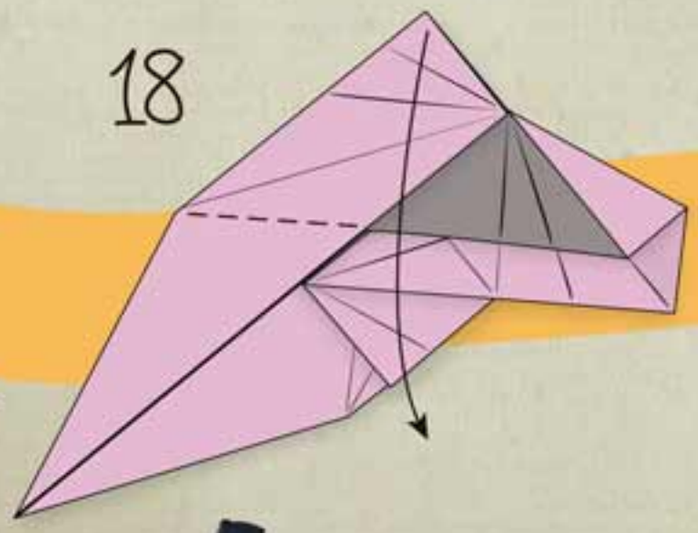
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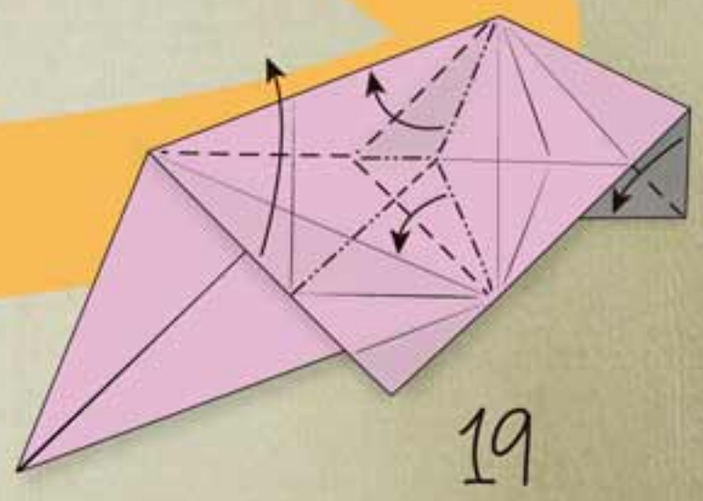
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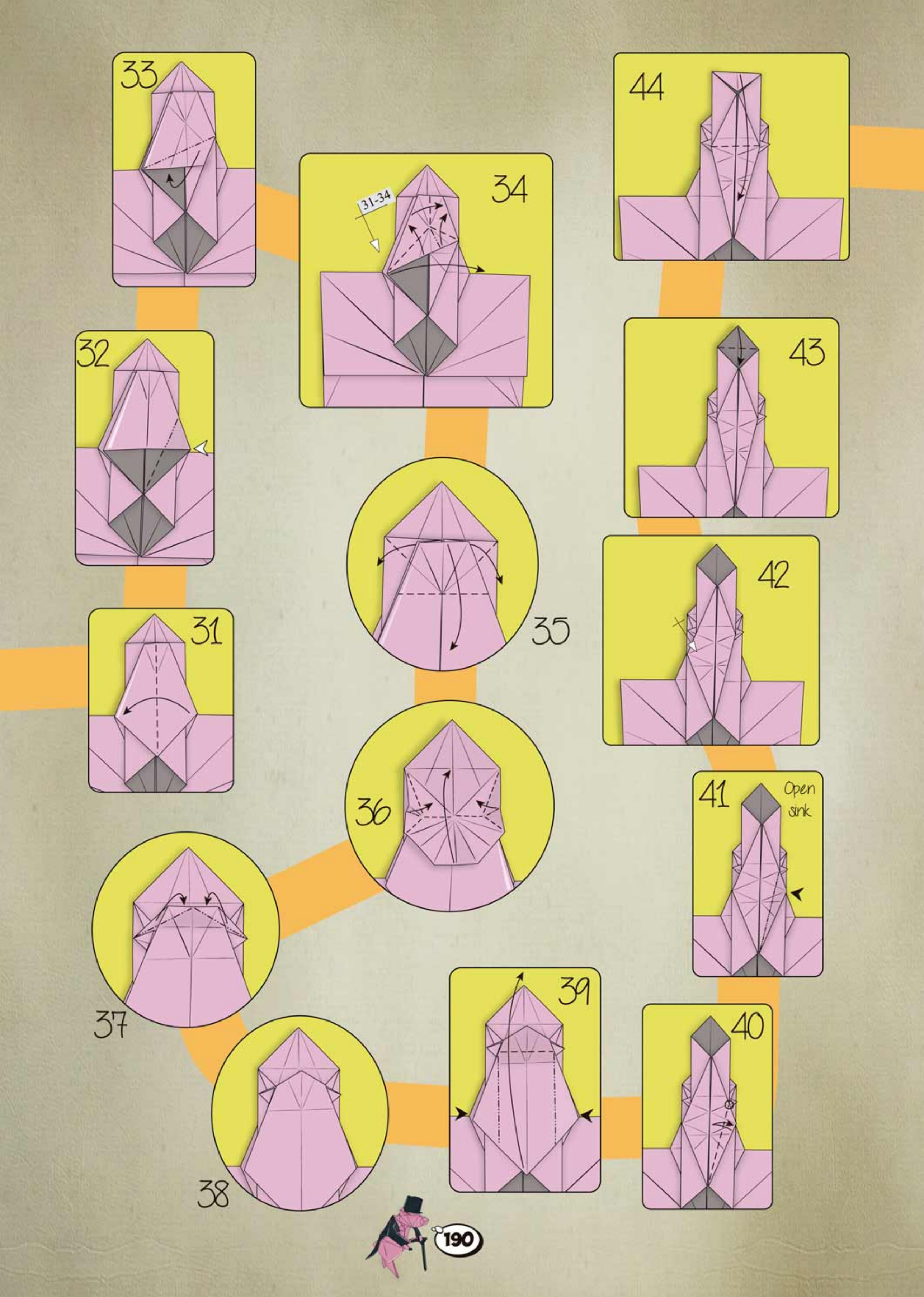
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34
31-34
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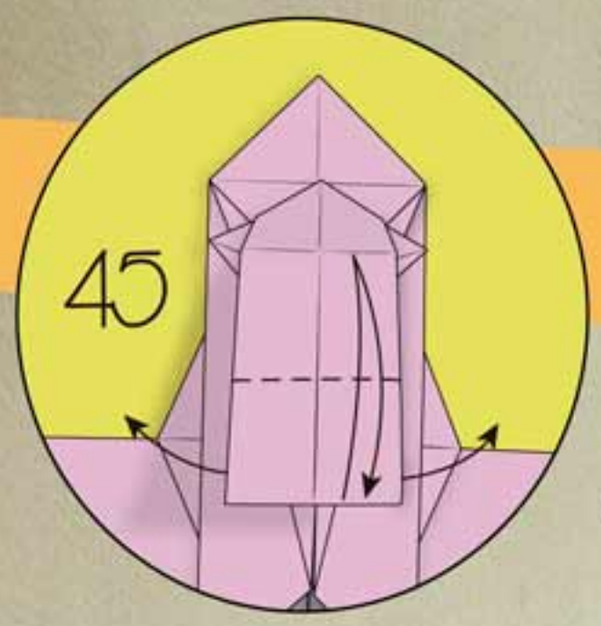
42
36
41
Open
sink
37
39
40
38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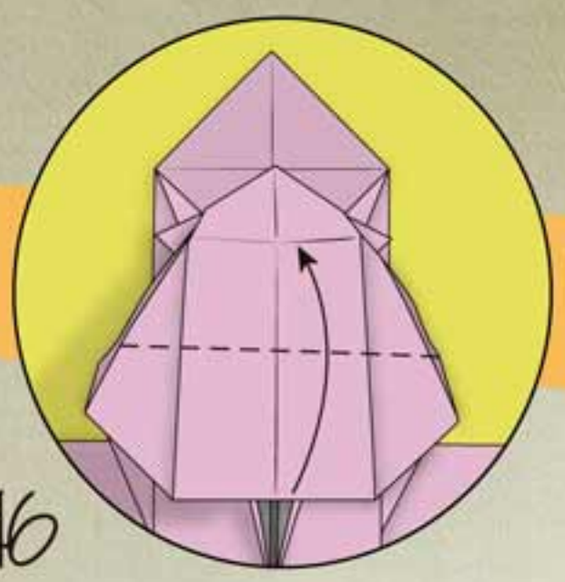
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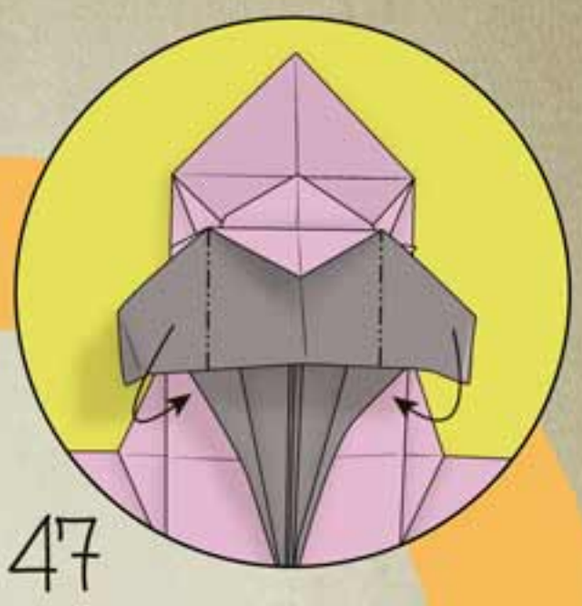
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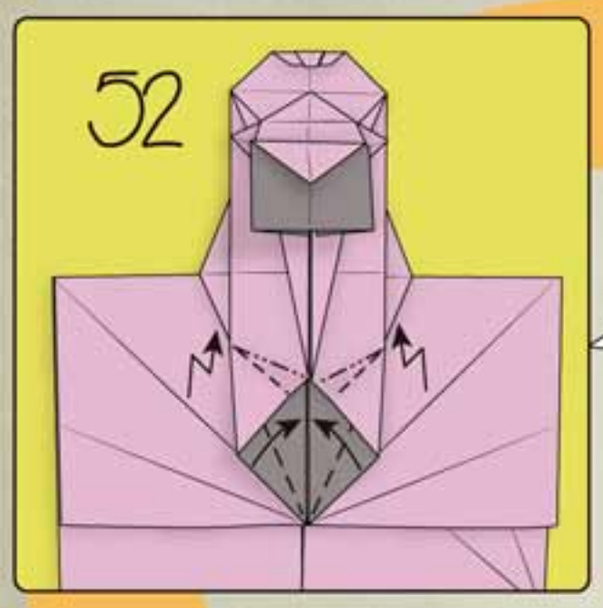
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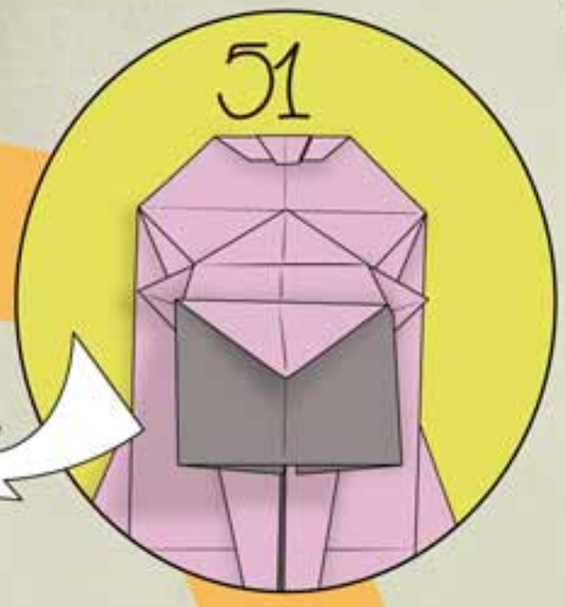
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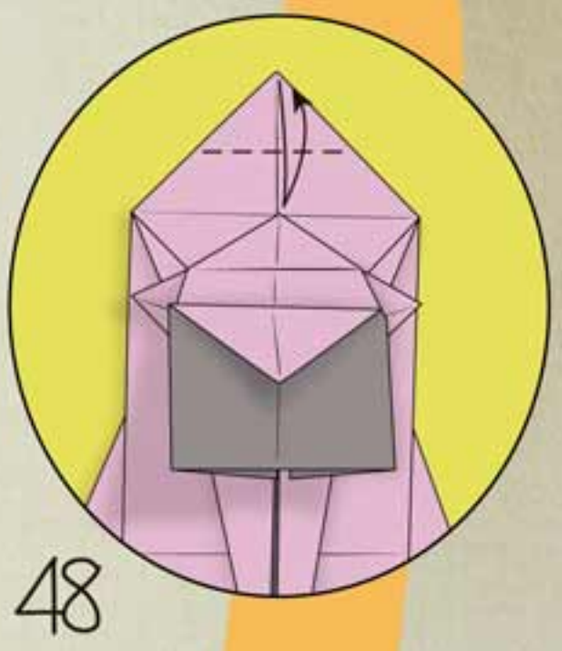
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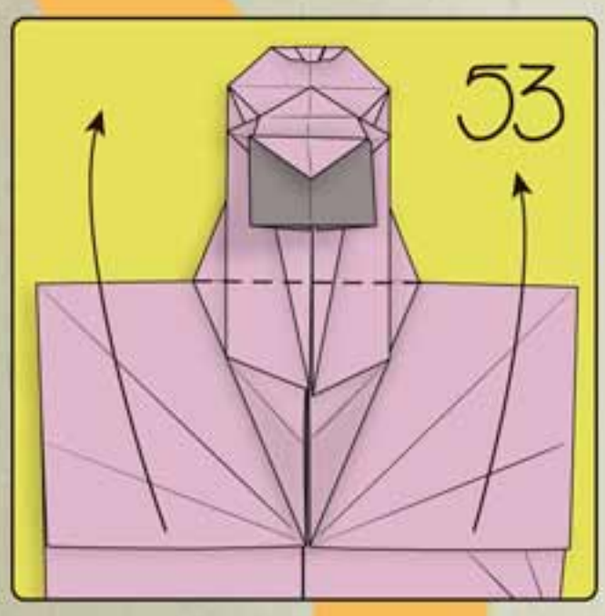
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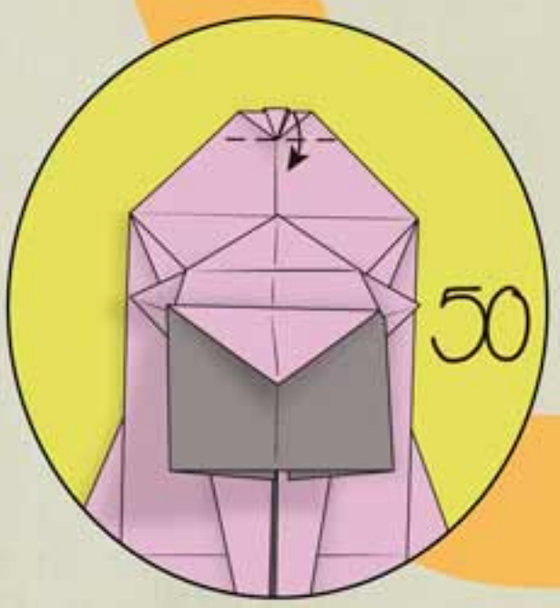
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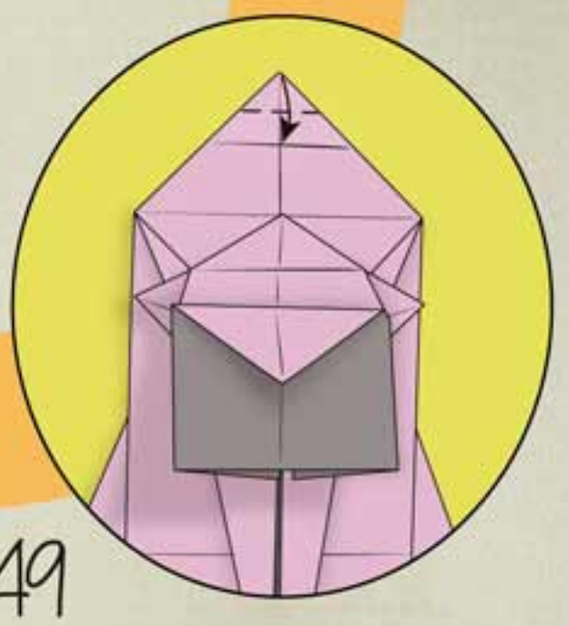
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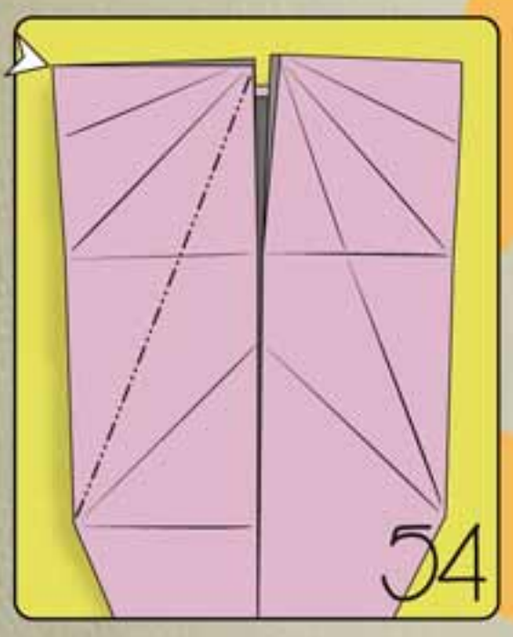
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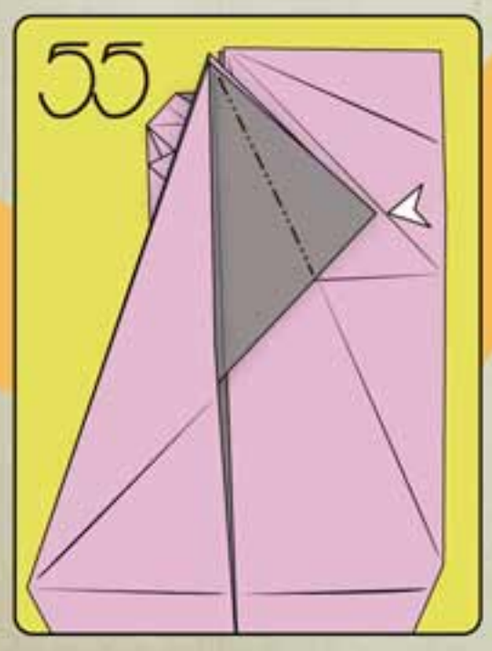
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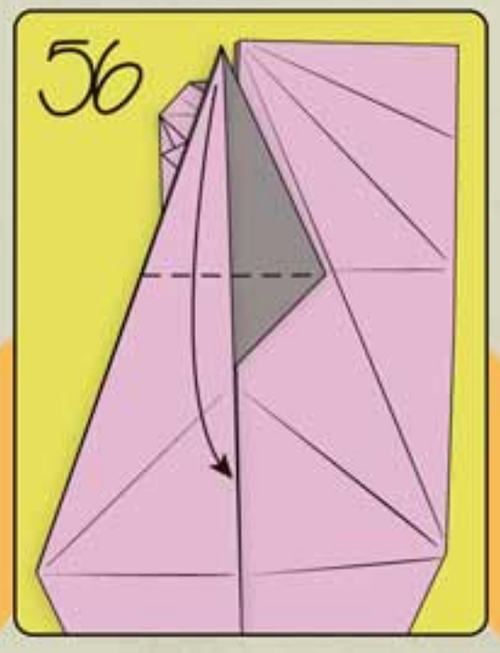
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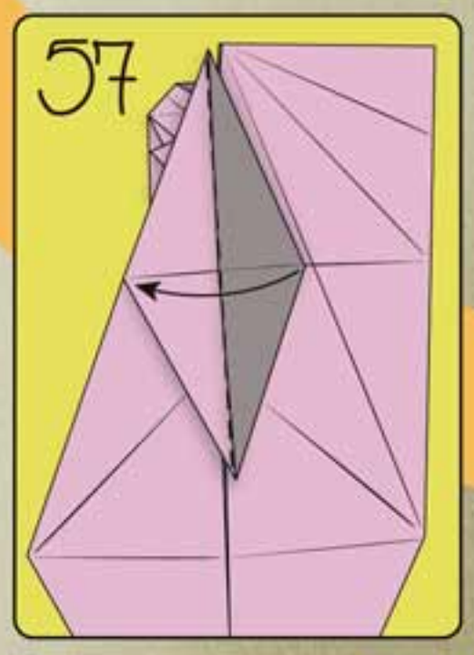
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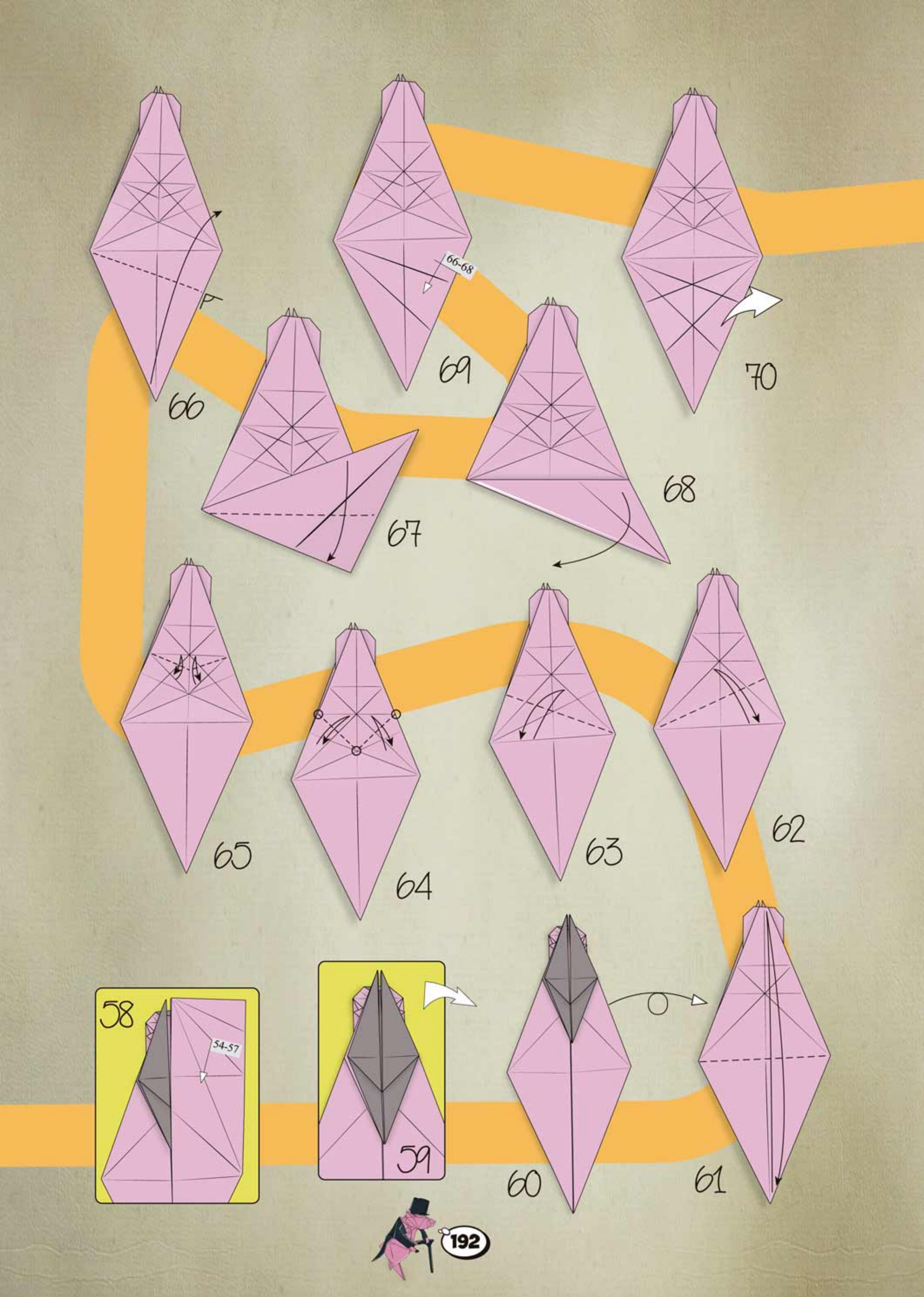
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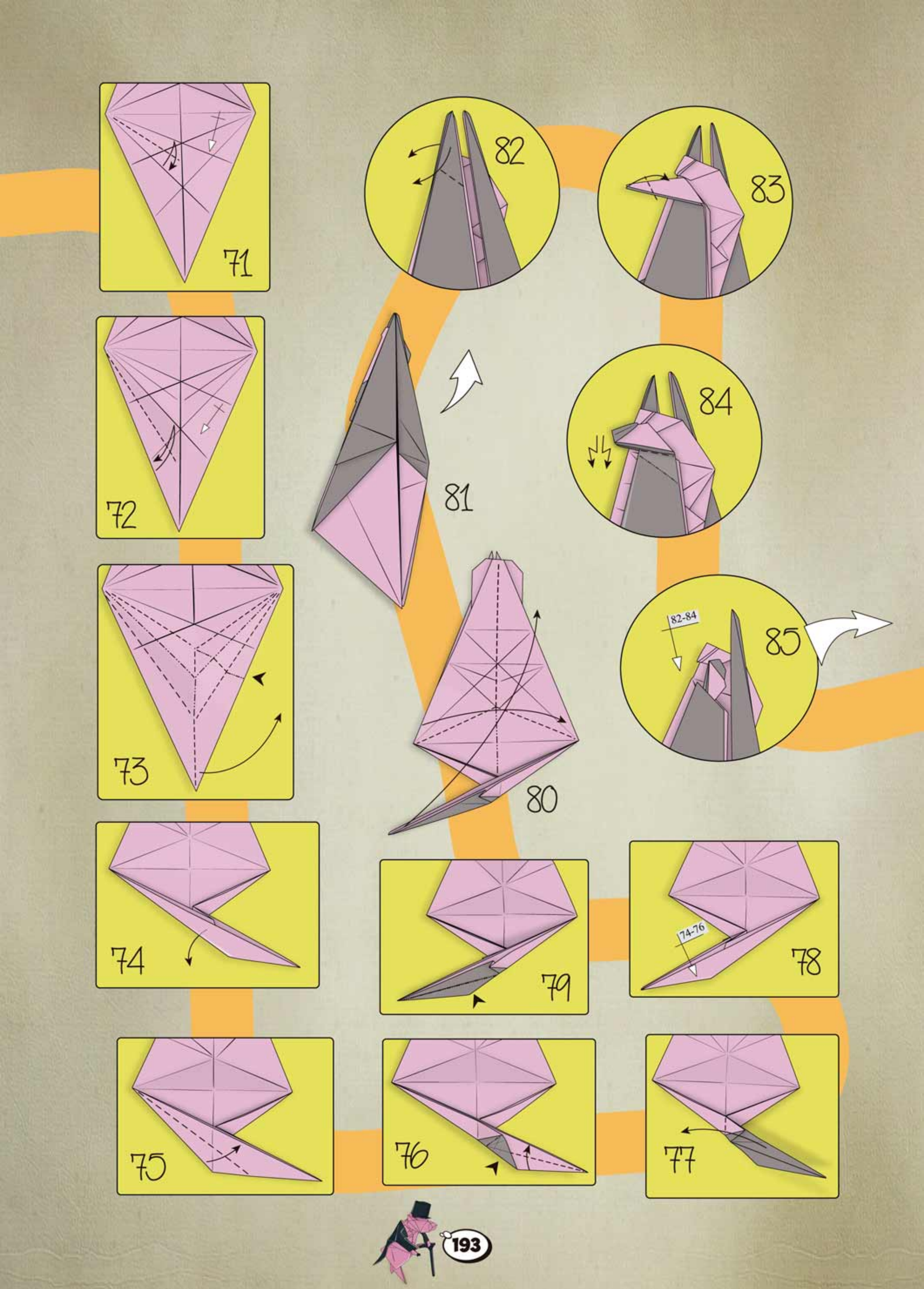
192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82-84
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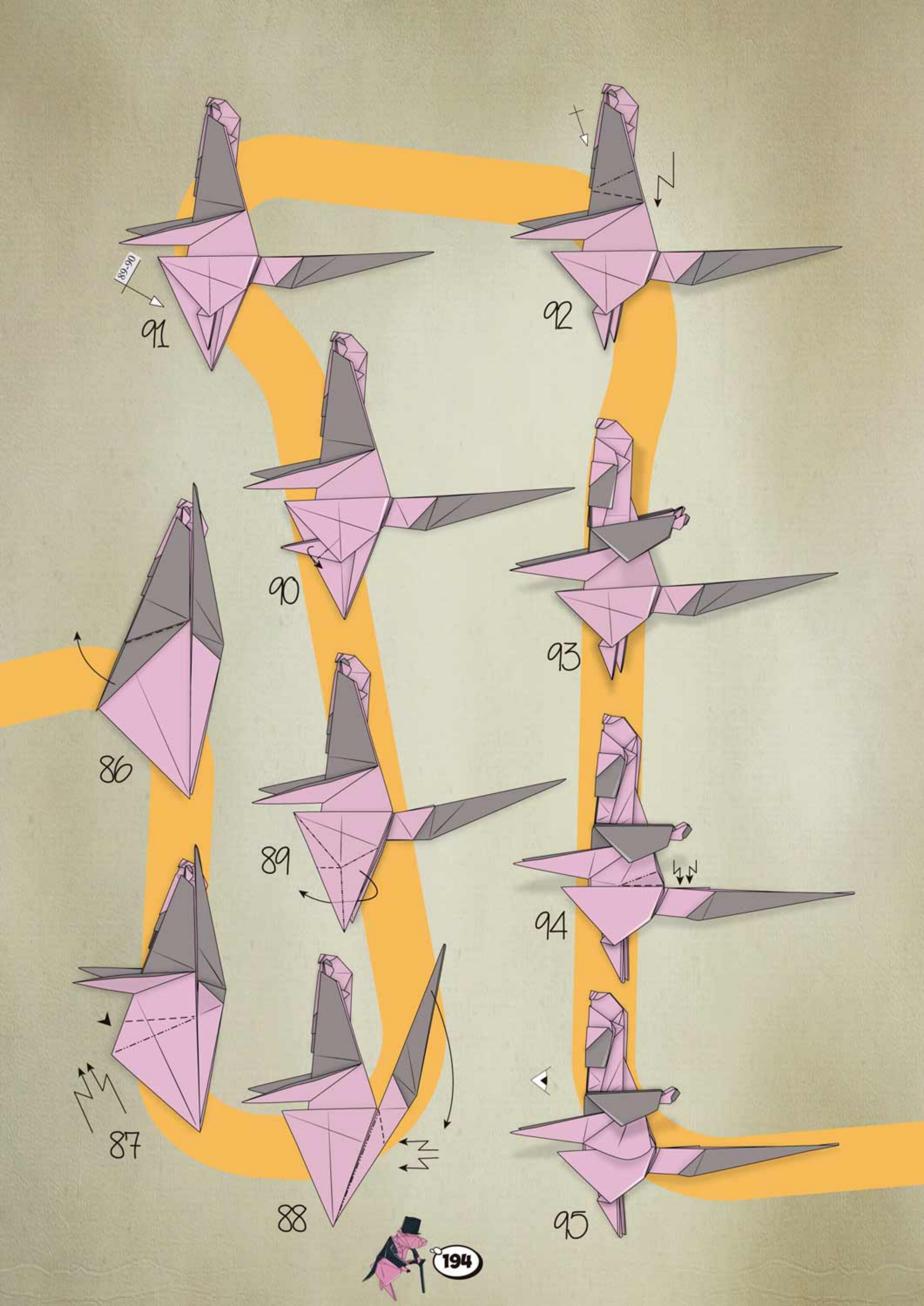
89-90
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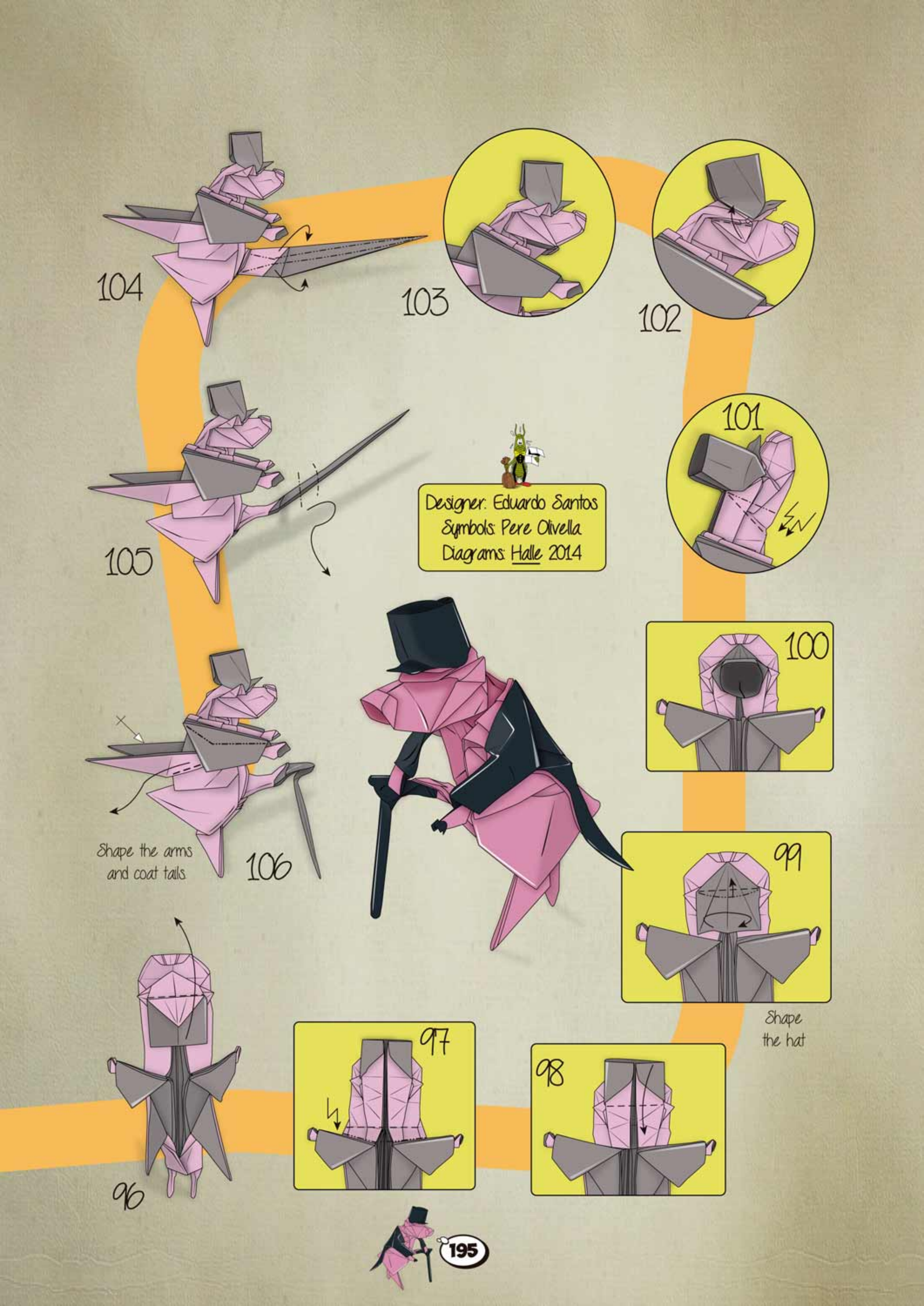
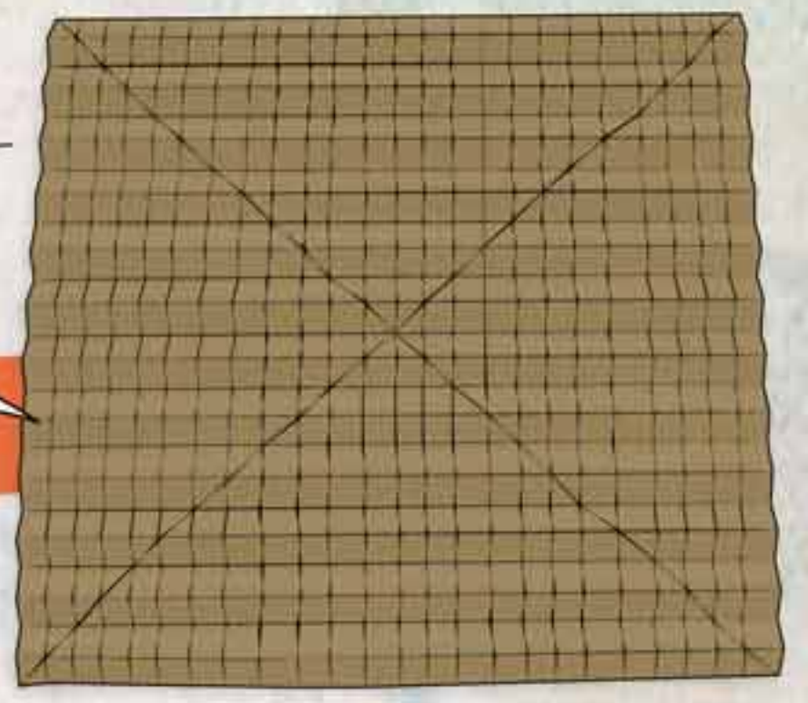
194


104
103
102
101
105
Designer: Eduardo Santos
Symbols: Pere Olivella
Diagrams: Halle 2014
100
99
Shape the arms and coat tails
106
Shape the hat
96
97
98
195

Horselaugh

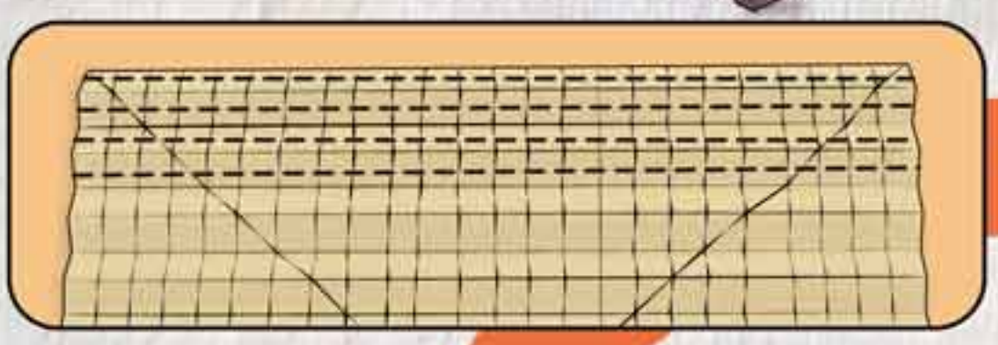
by Kunsulu Jilkishiyeva



1

Fold a 24x24 grid
48 x 48 cm

Tissue foil



2 Fold and unfold

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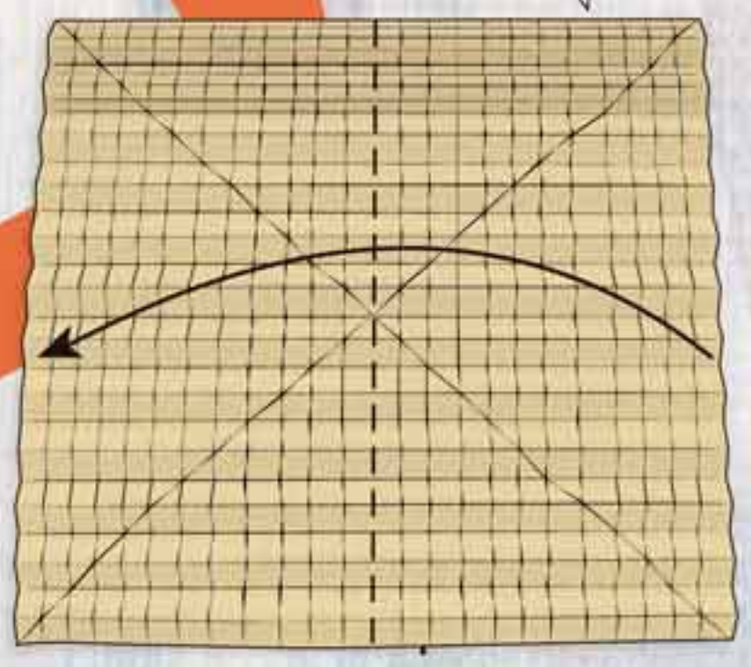

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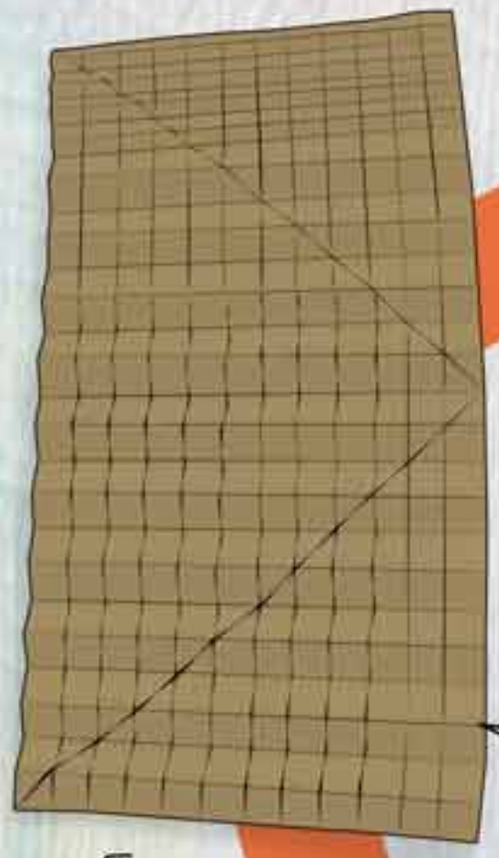

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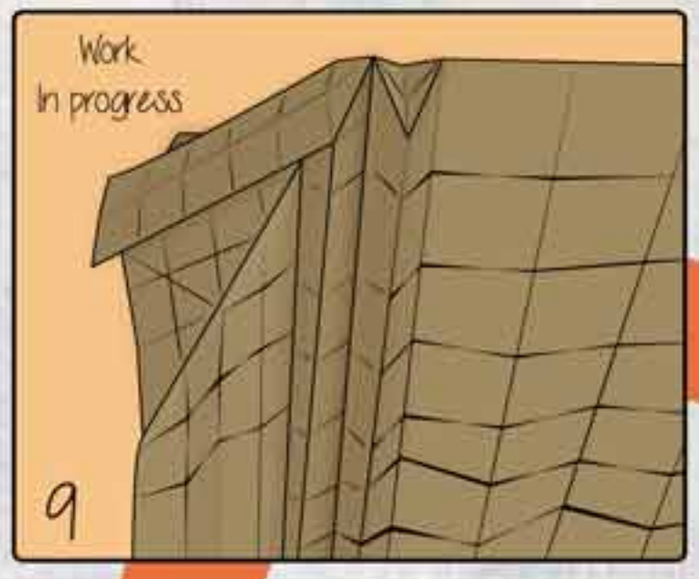

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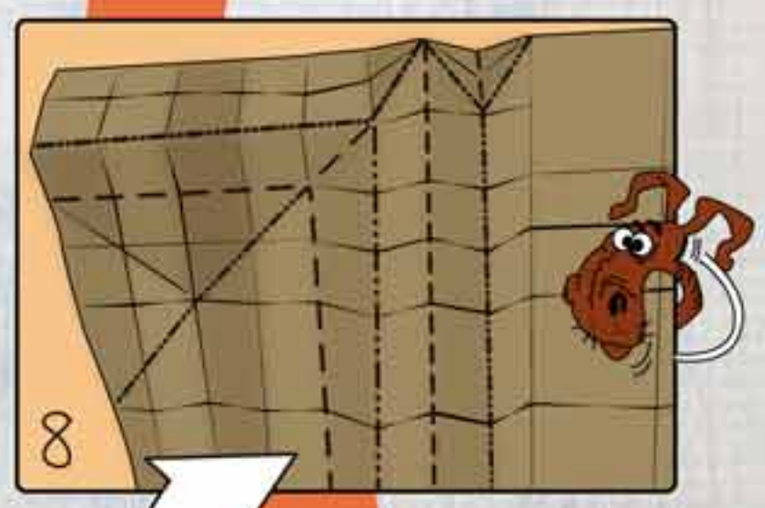
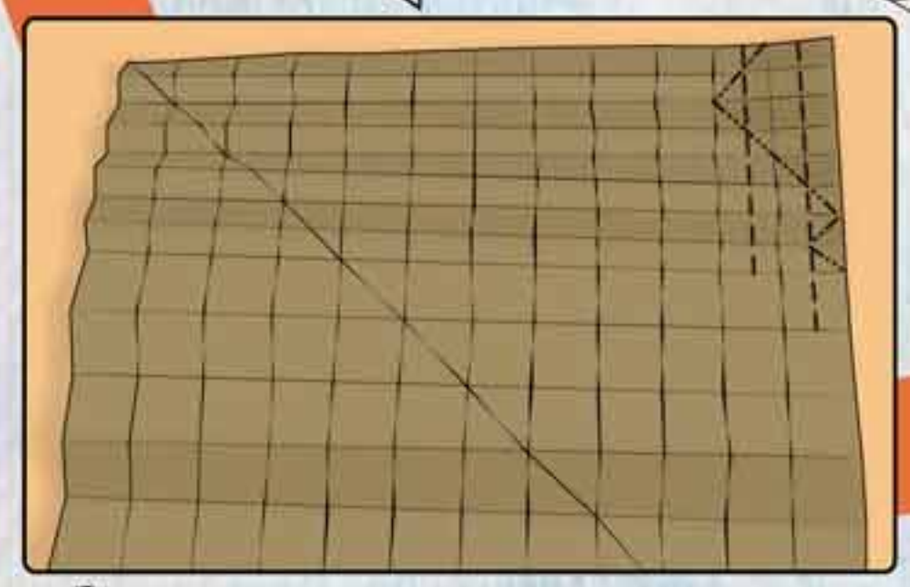


8

90°



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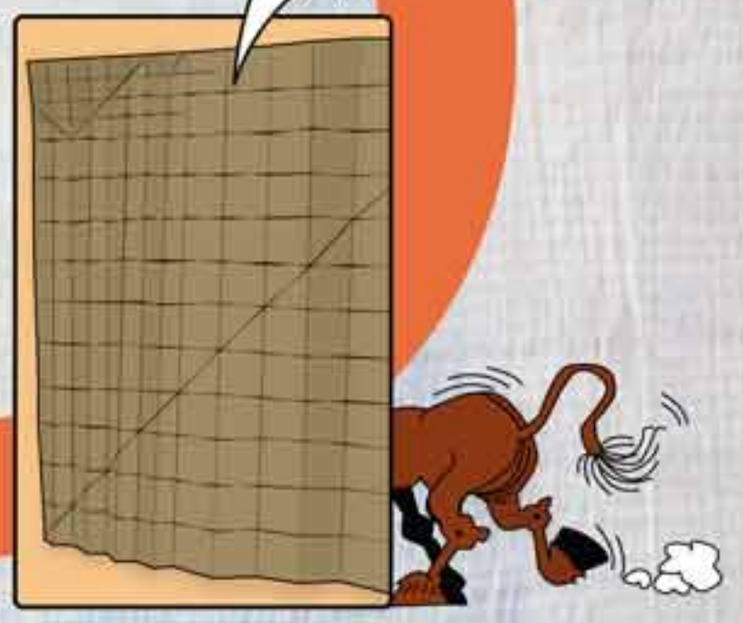
Precrease



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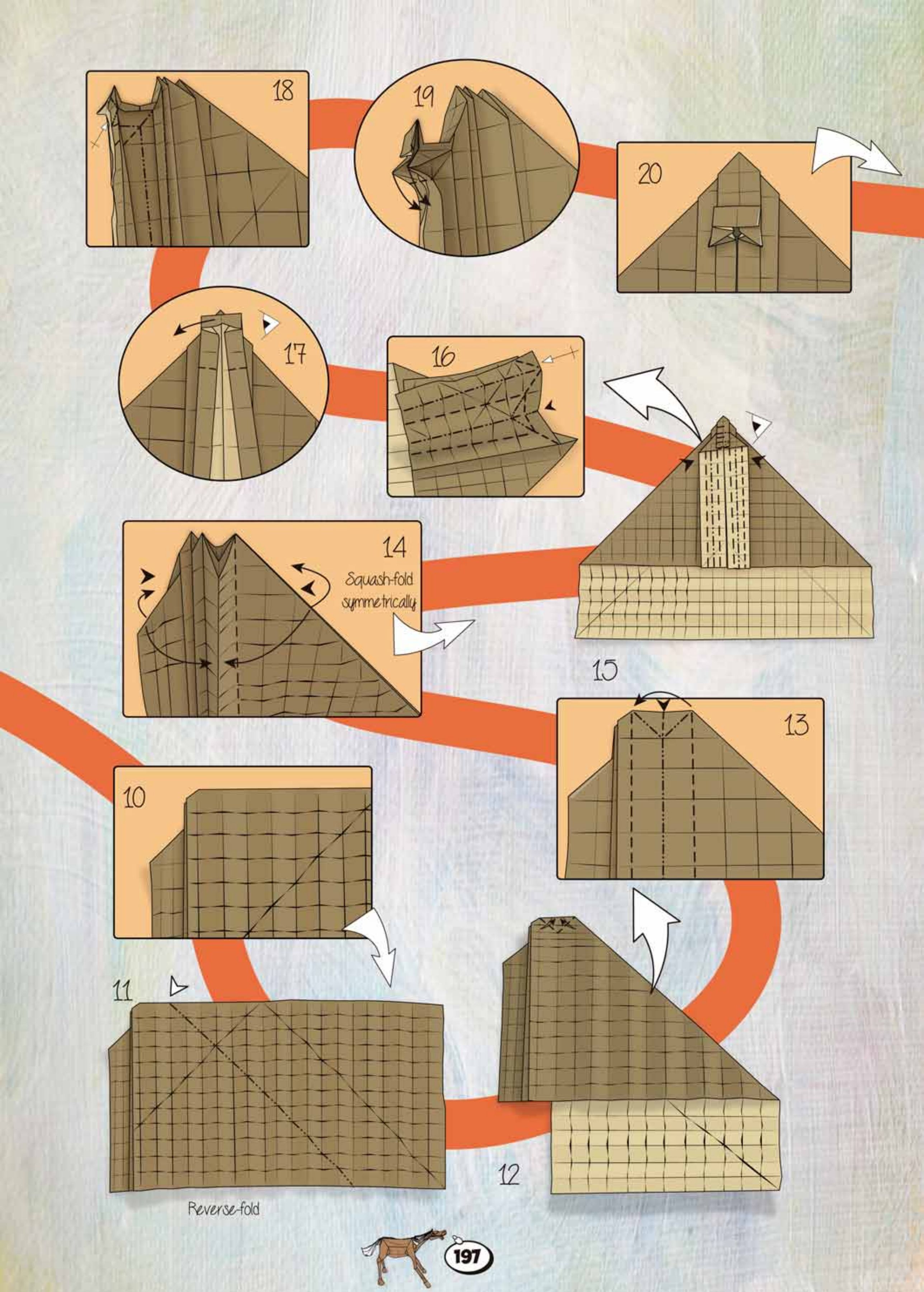
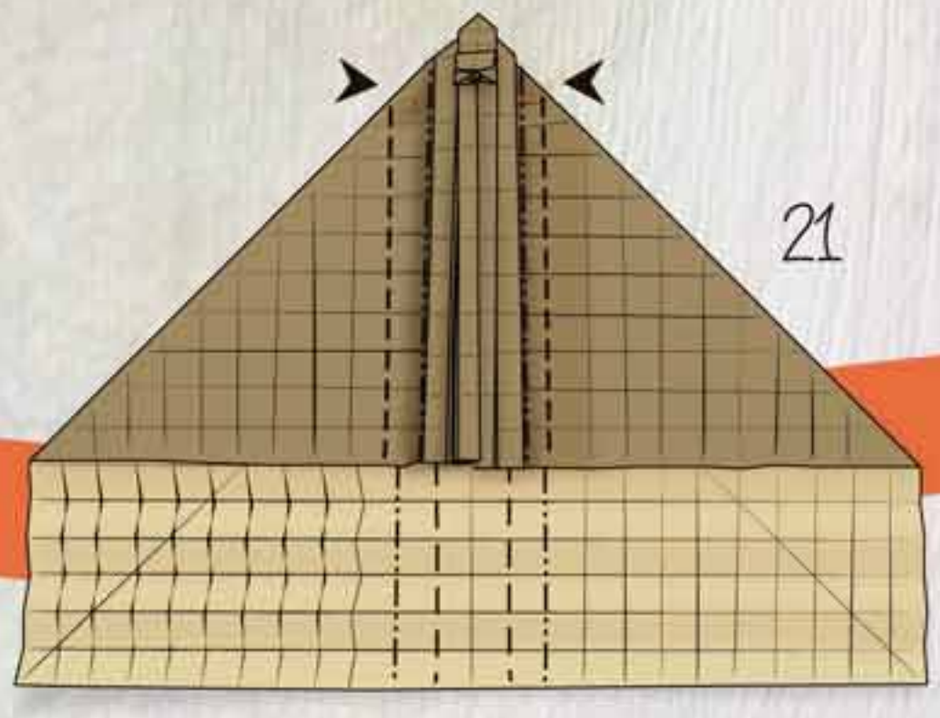
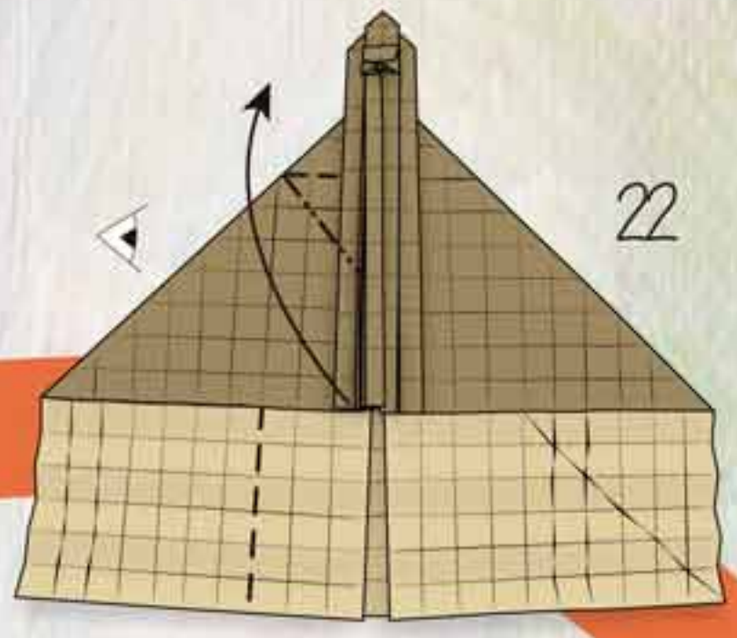
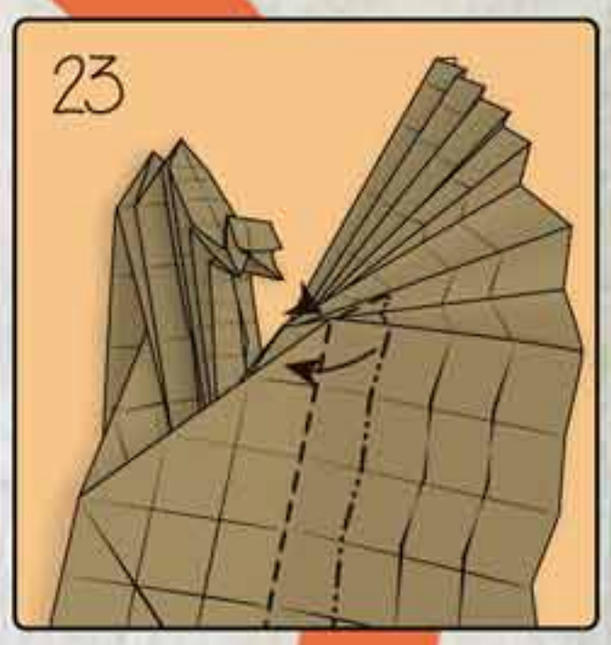
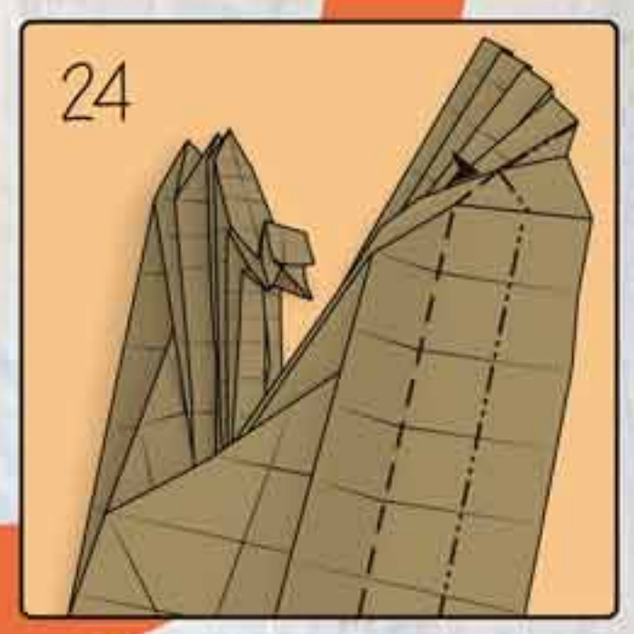

18
19
20
17
16
14
Squash-fold
symmetrically
15
13
10
11
12
Reverse-fold

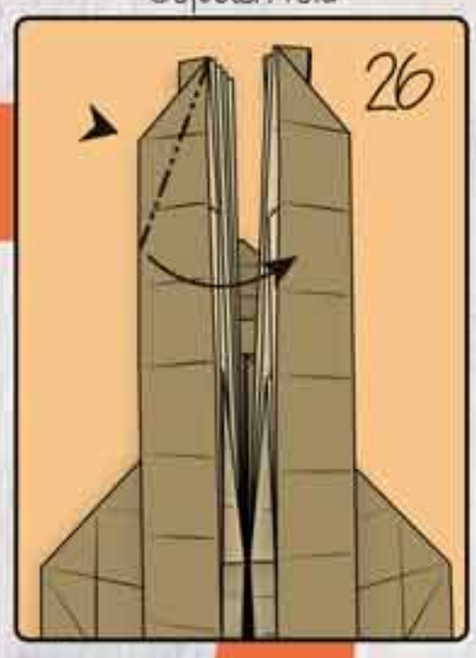


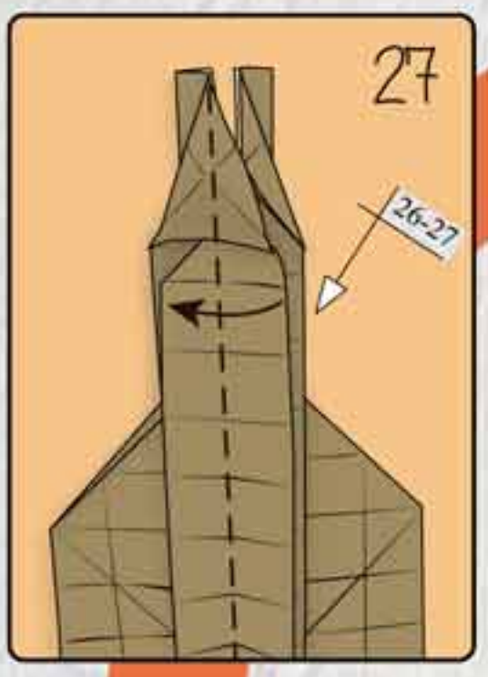


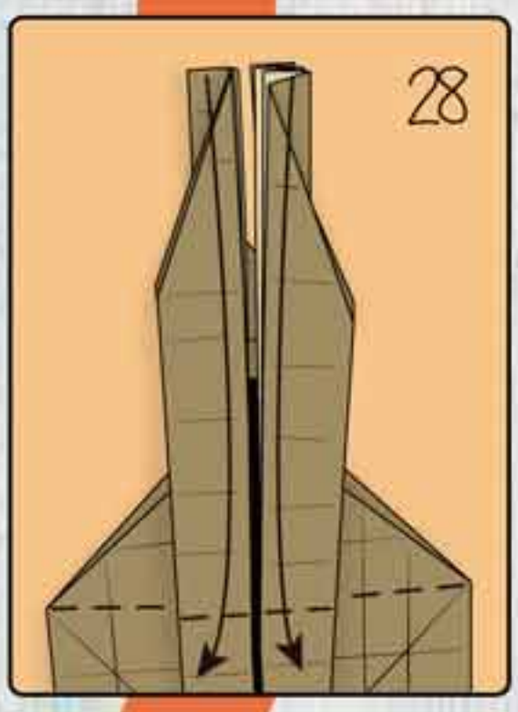


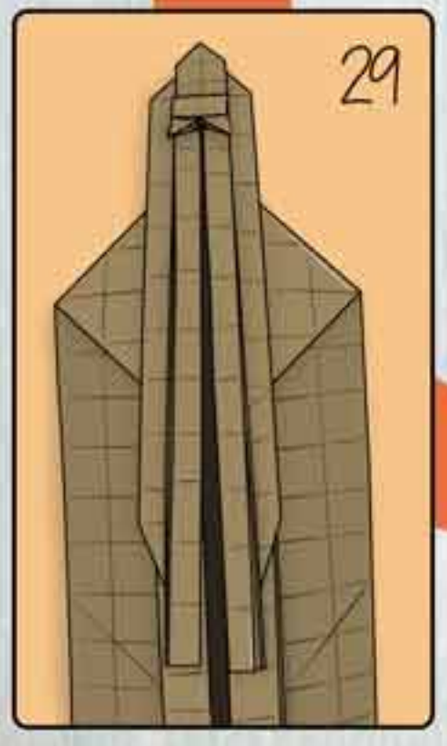


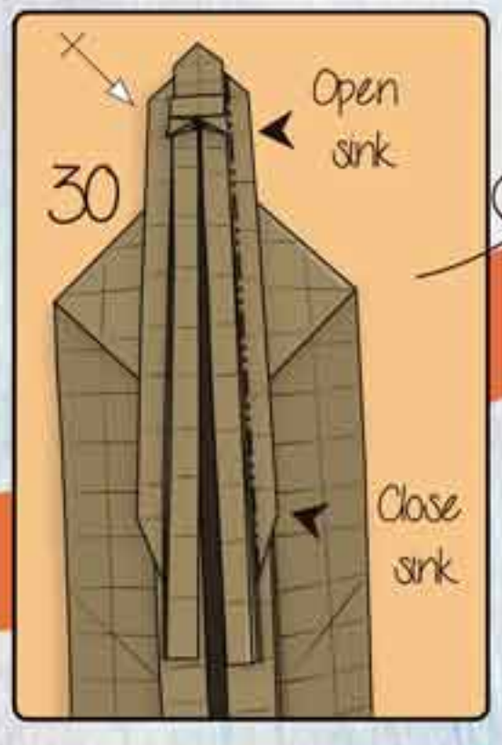
Squash-fold

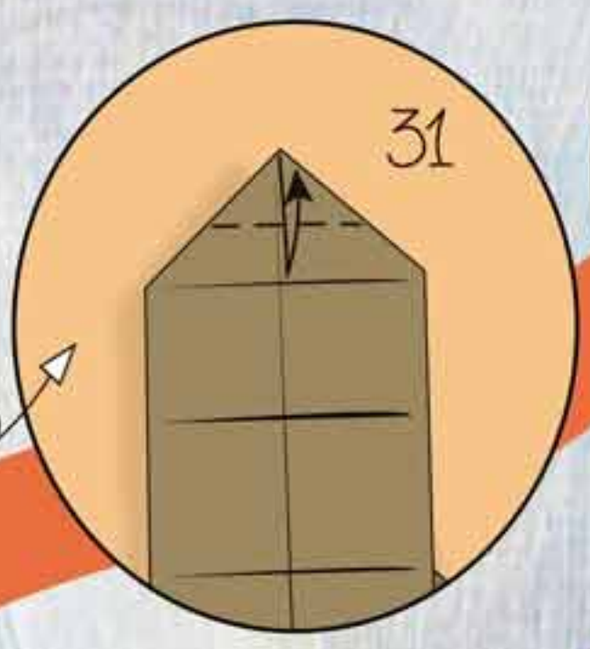


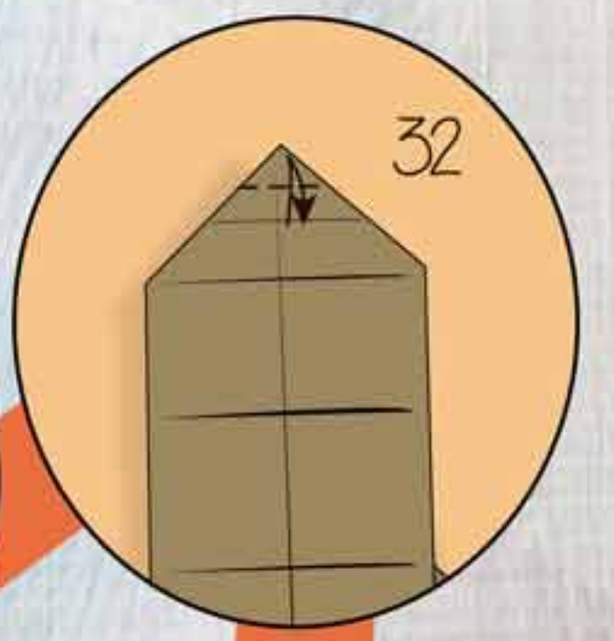


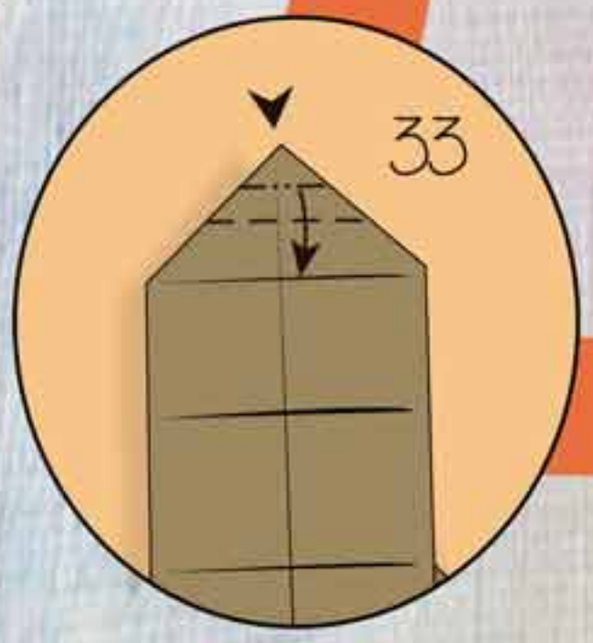




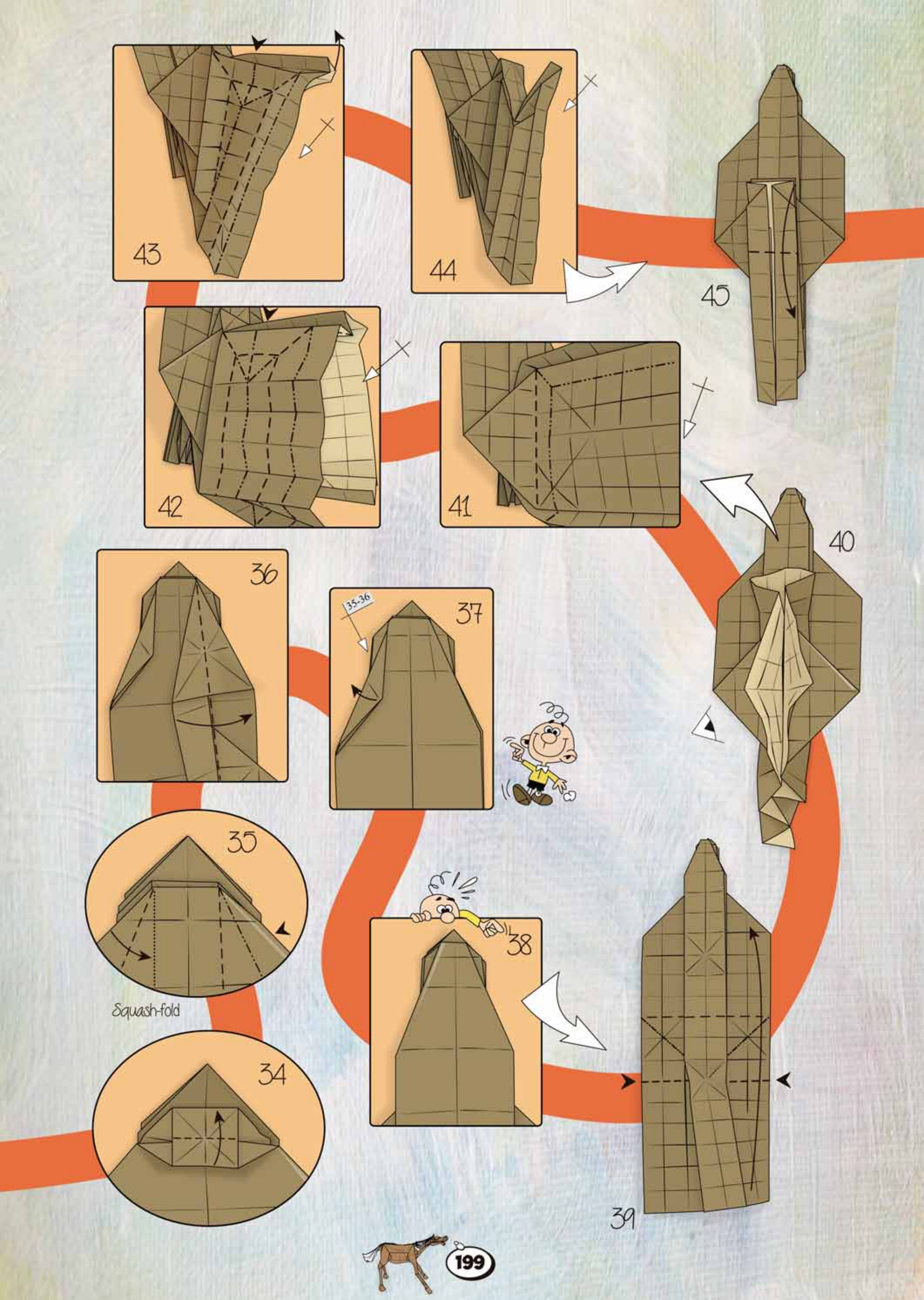








Squash-fold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35-36
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38
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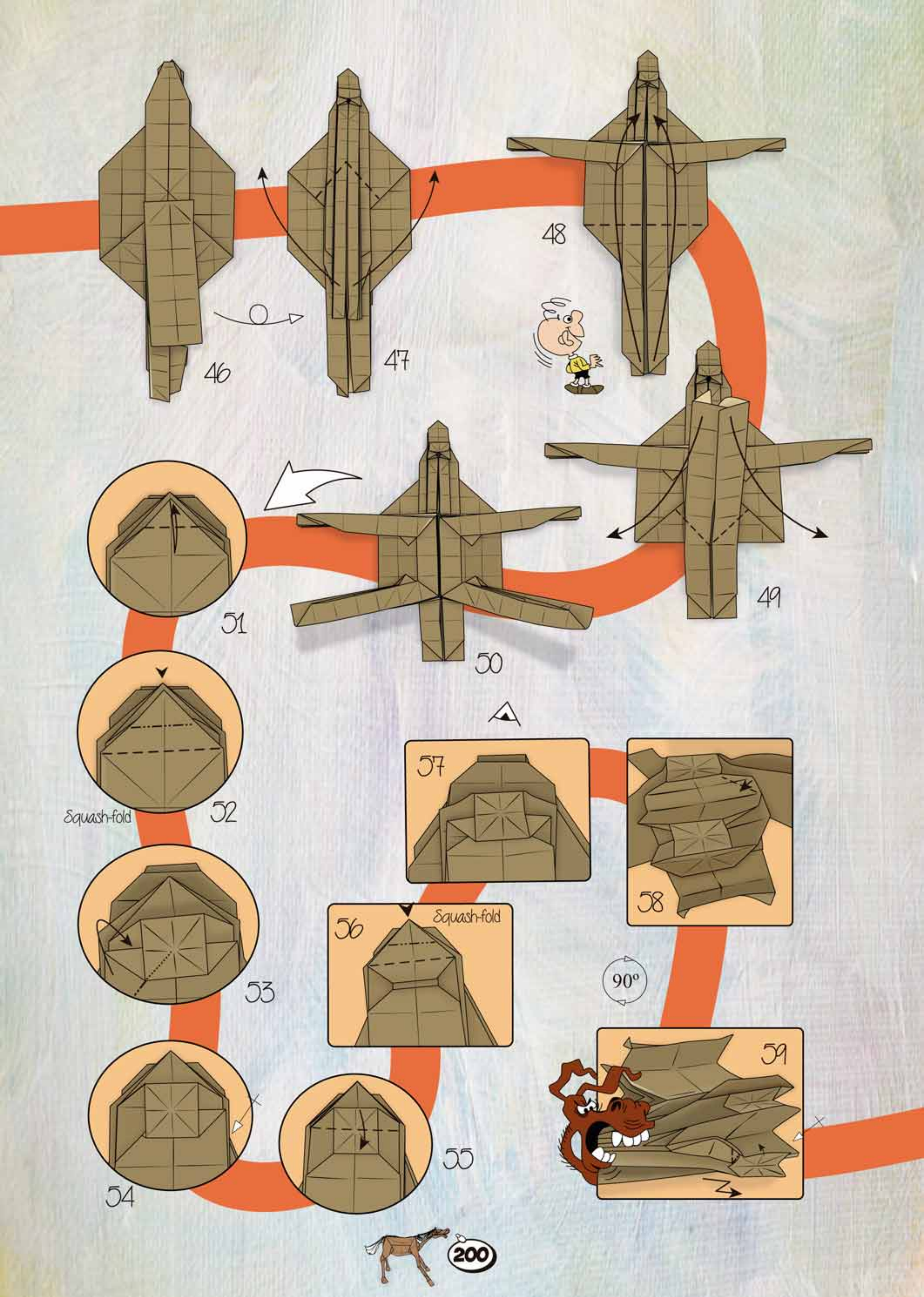
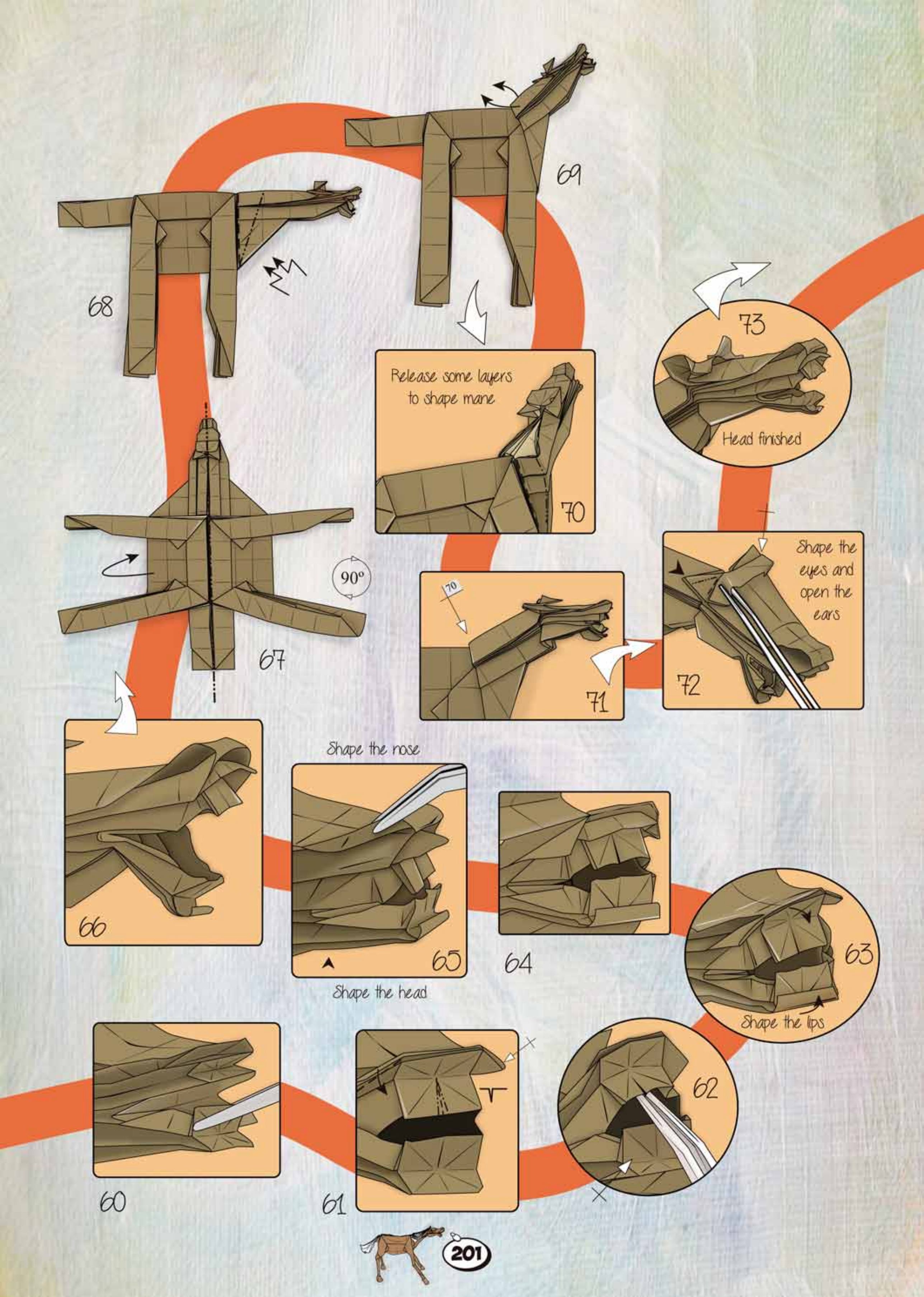
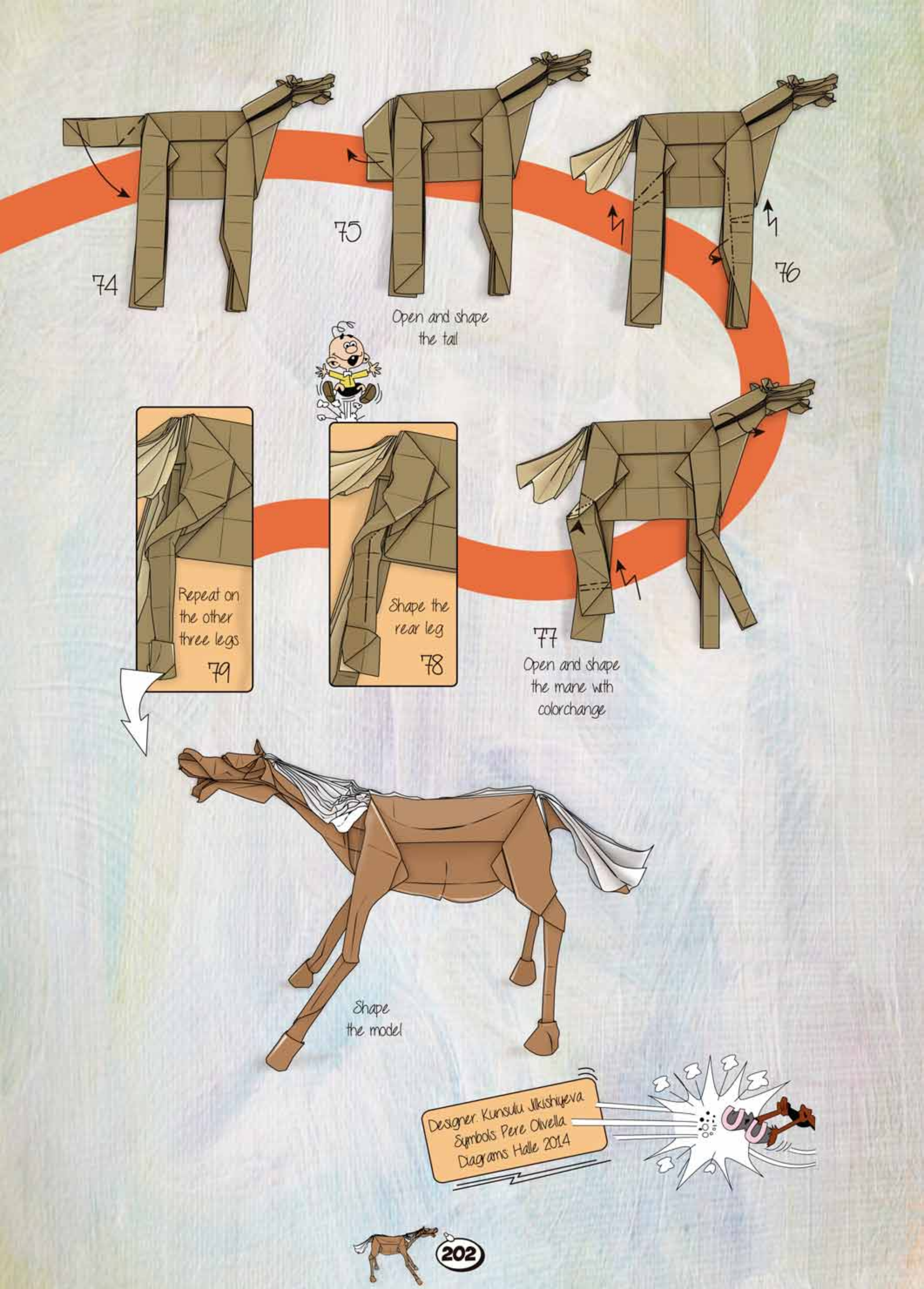
34
Squash-fold

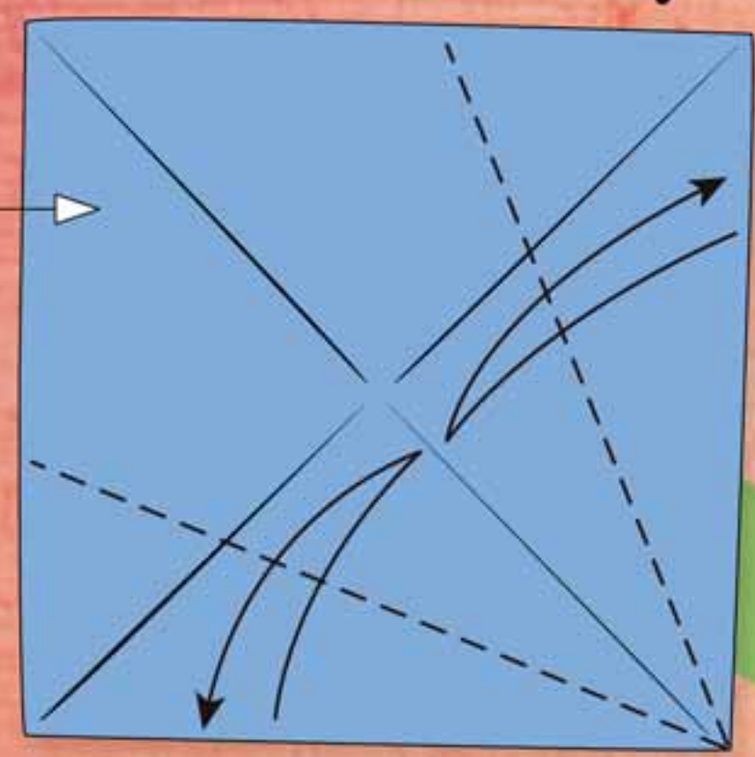

46
47
48
49
50
51
52
Squash-fold
53
54
55
56
Squash-fold
57
58
90°
59
200


68
69
Release some layers to shape mane
70
73
Head finished
90º
67
70
71
Shape the eyes and open the ears
72
66
Shape the nose
65
64
63
Shape the lips
Shape the head
60
61
62
201


74
75
Open and shape
the tail
76
Repeat on
the other
three legs
79
Shape the
rear leg
78
77
Open and shape
the mane with
colorchange
Shape
the model
Designer. Kunsulu Jikistrujeva
Symbols Pere Olivella
Diagrams Halle 2014

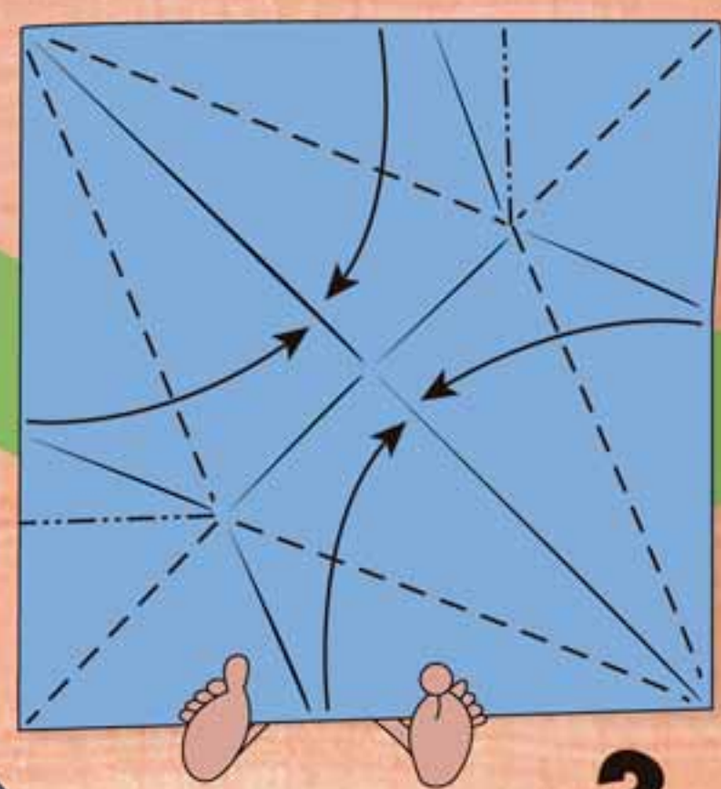
FOOTPRINT

by Paulius Mielinis



1

Tissue-foil
> 20 X 20 cm



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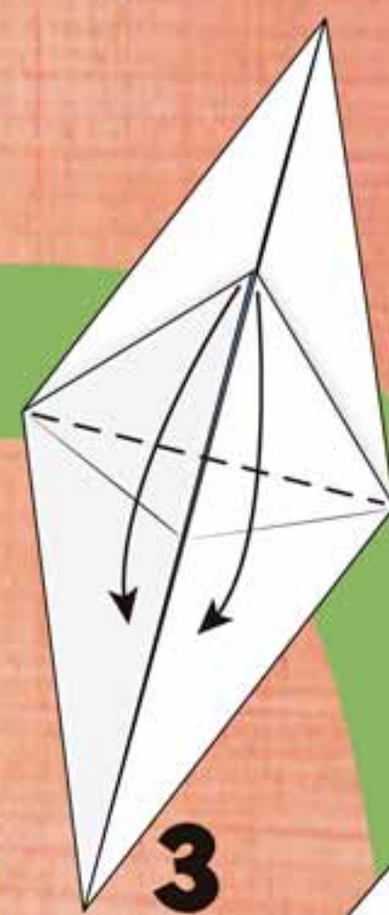

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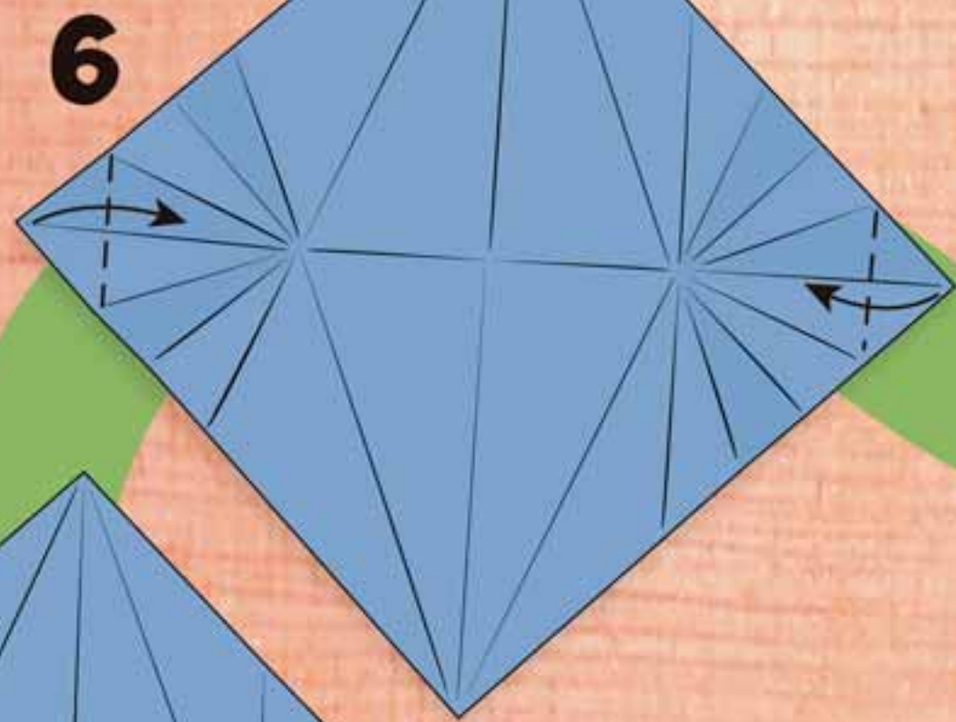

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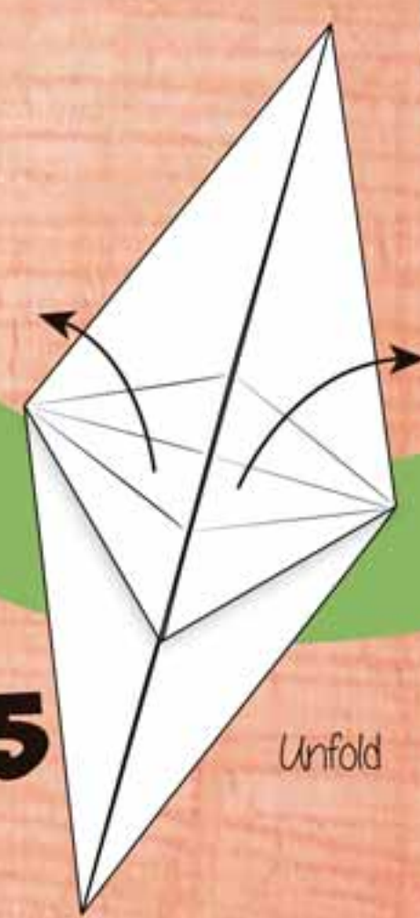
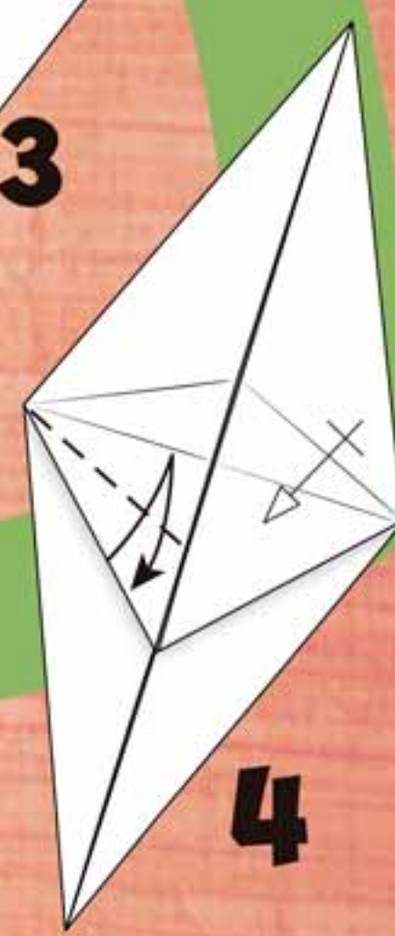


5

Unfold



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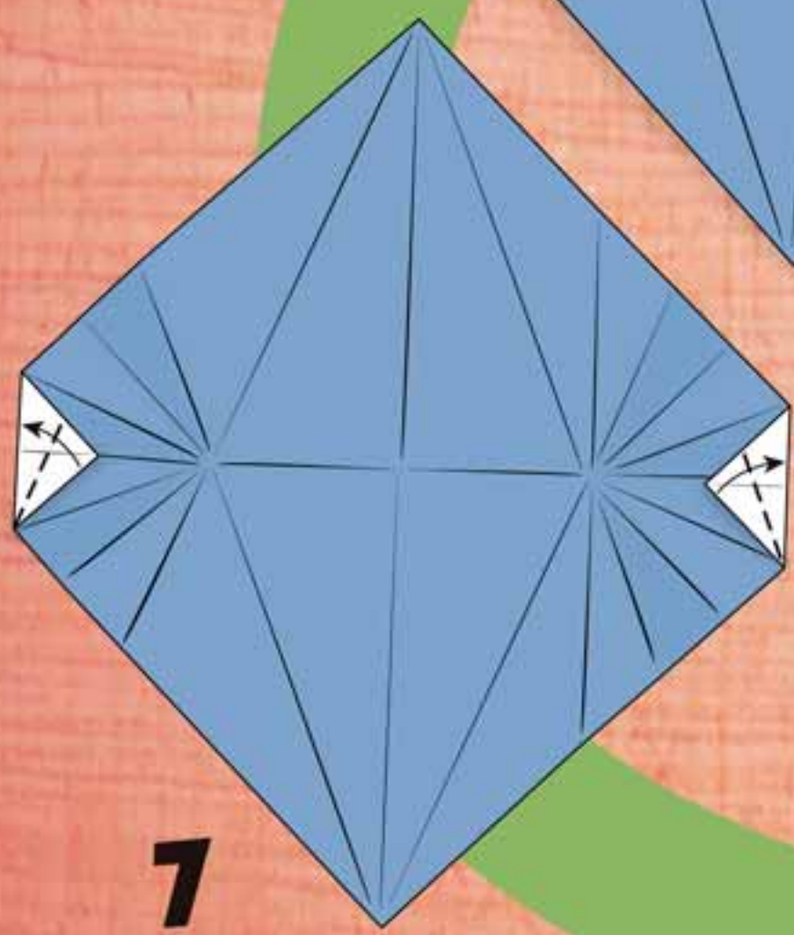

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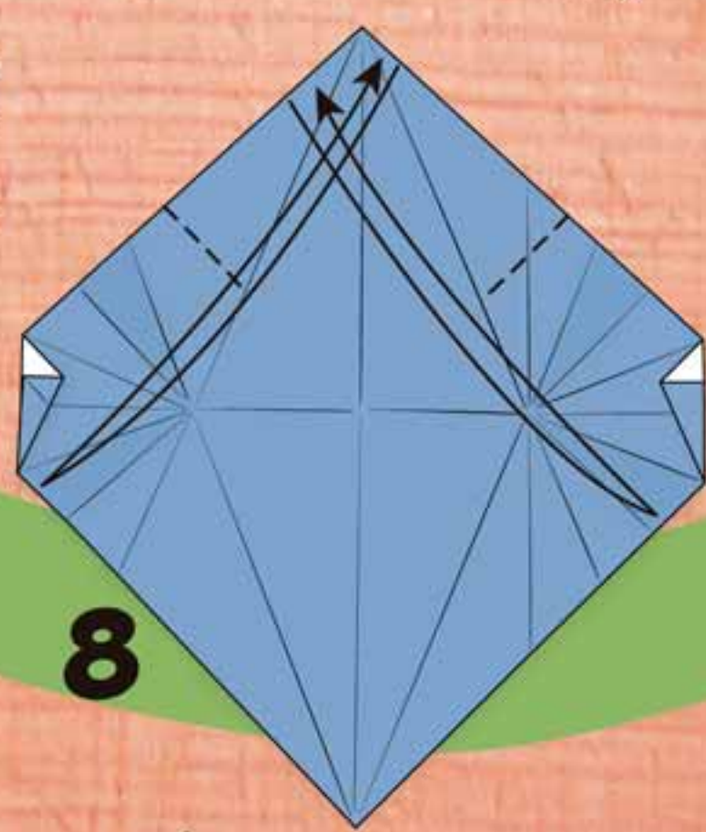

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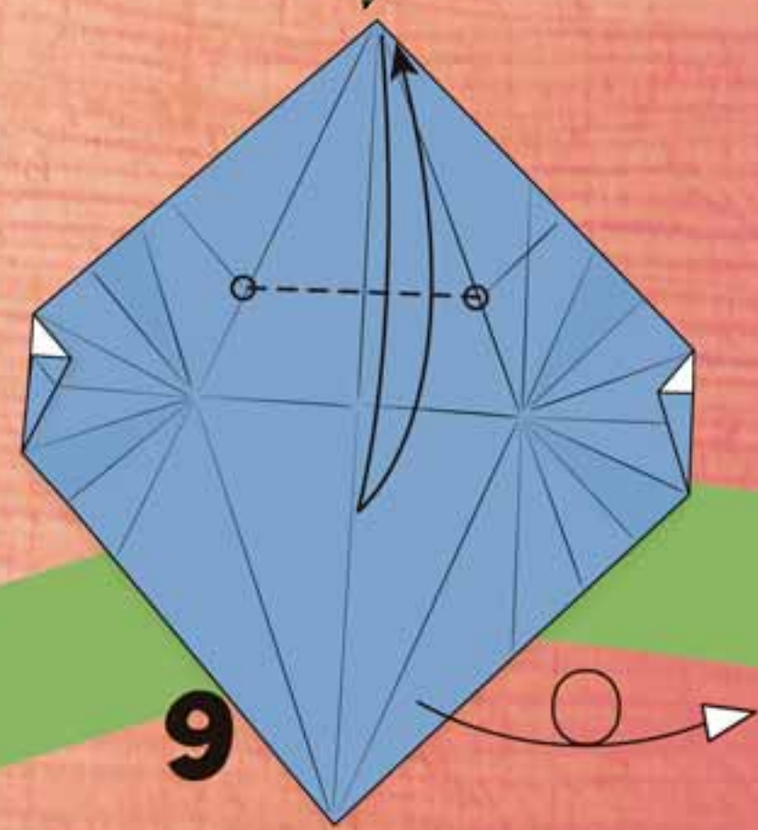

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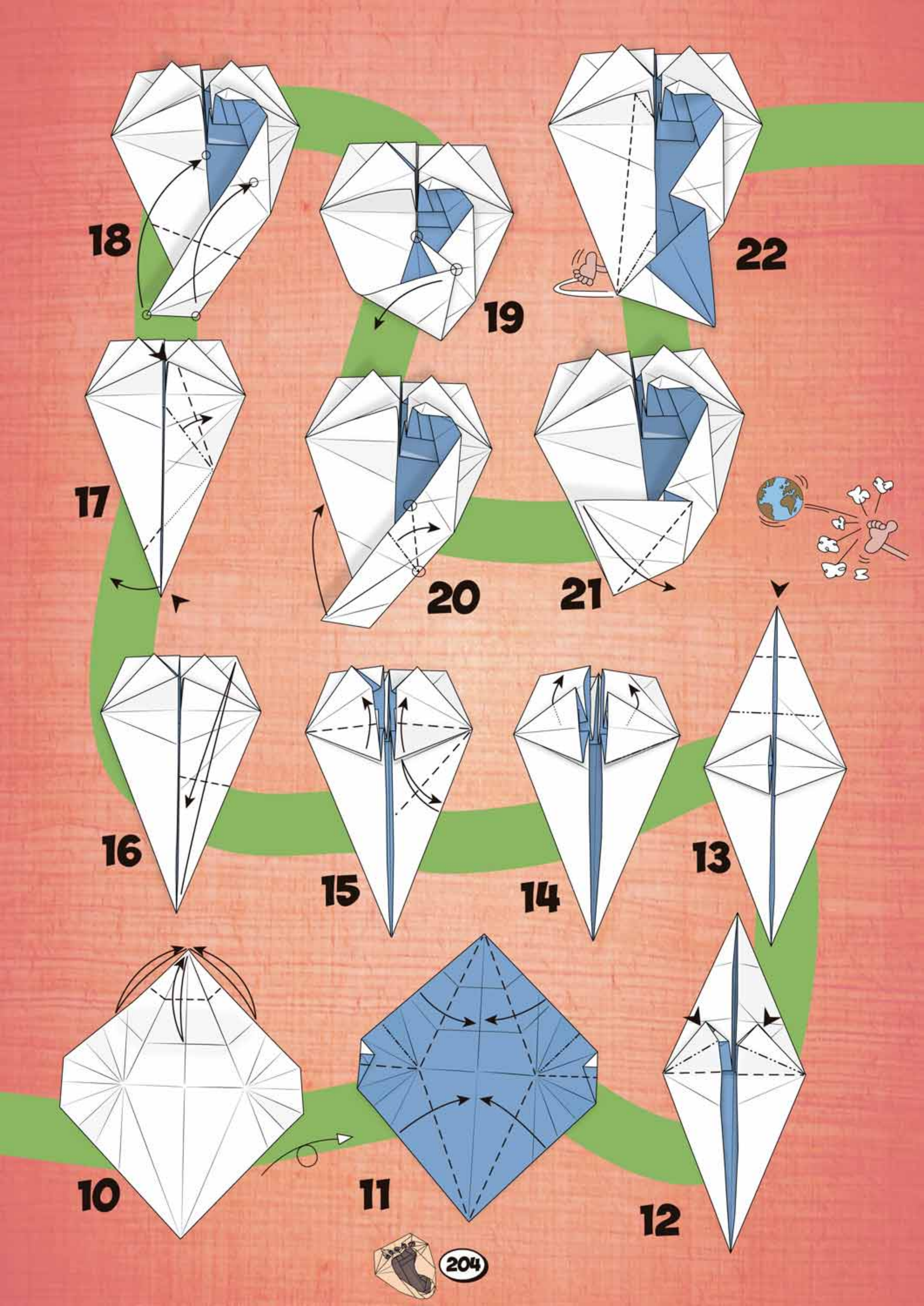
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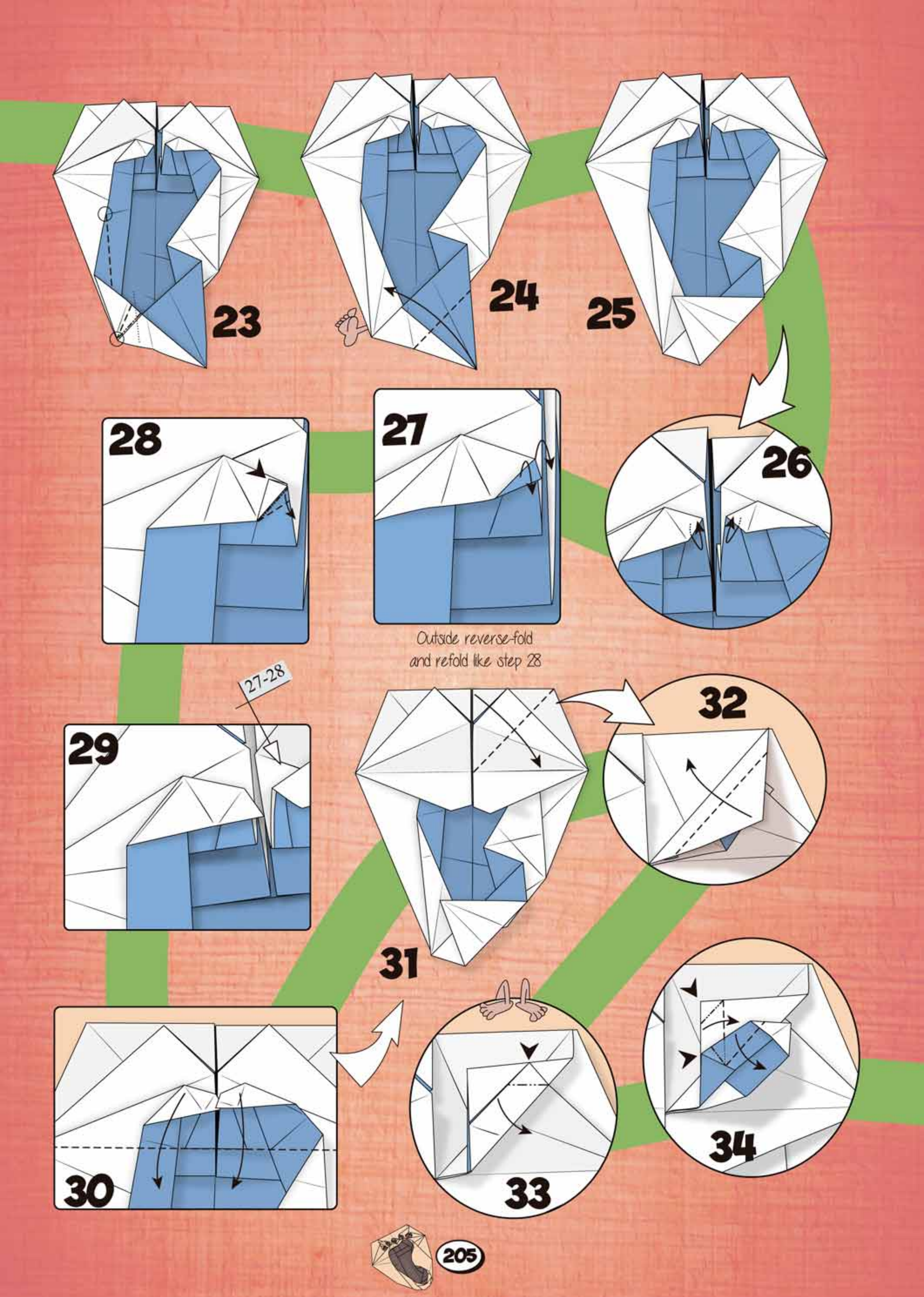
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Outside reverse-fold
and refold like step 28
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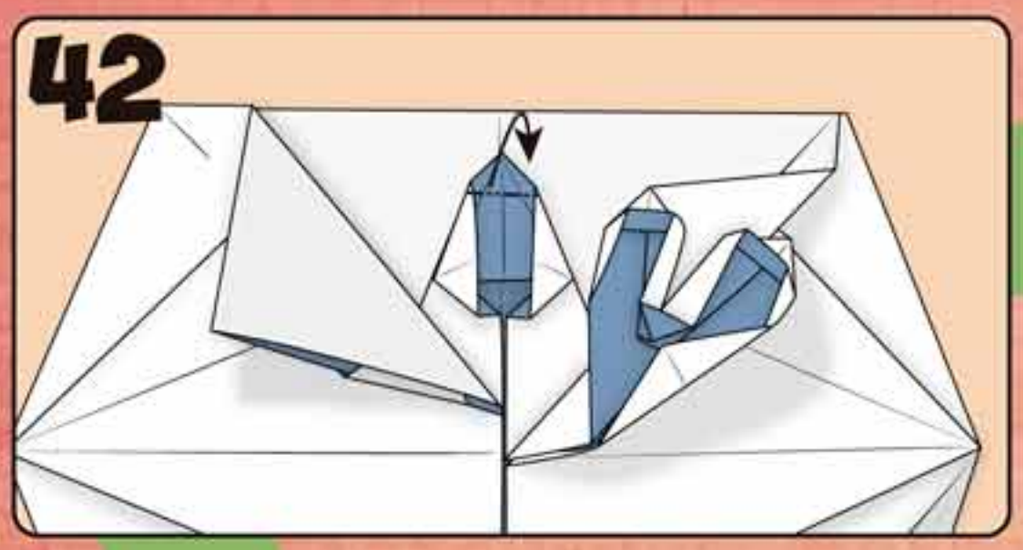
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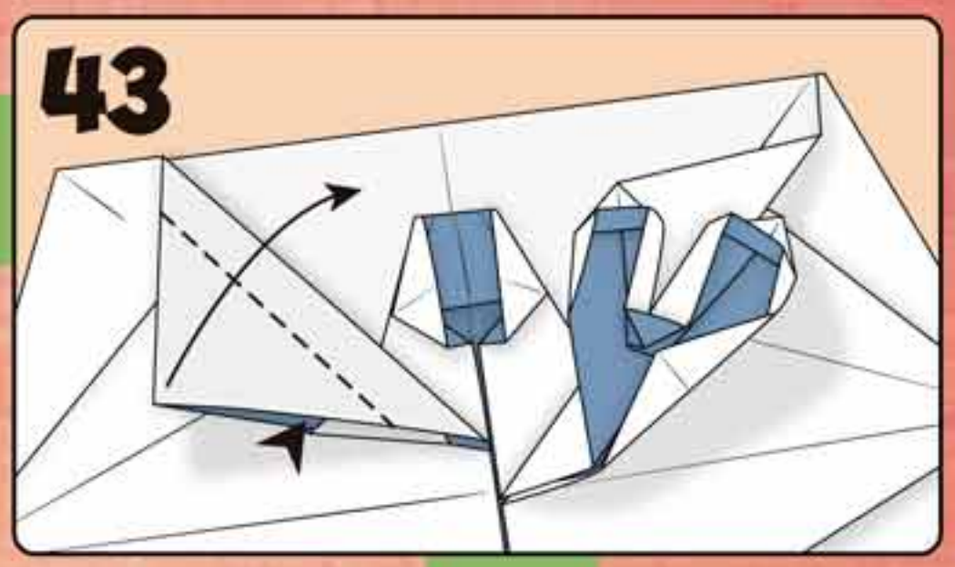
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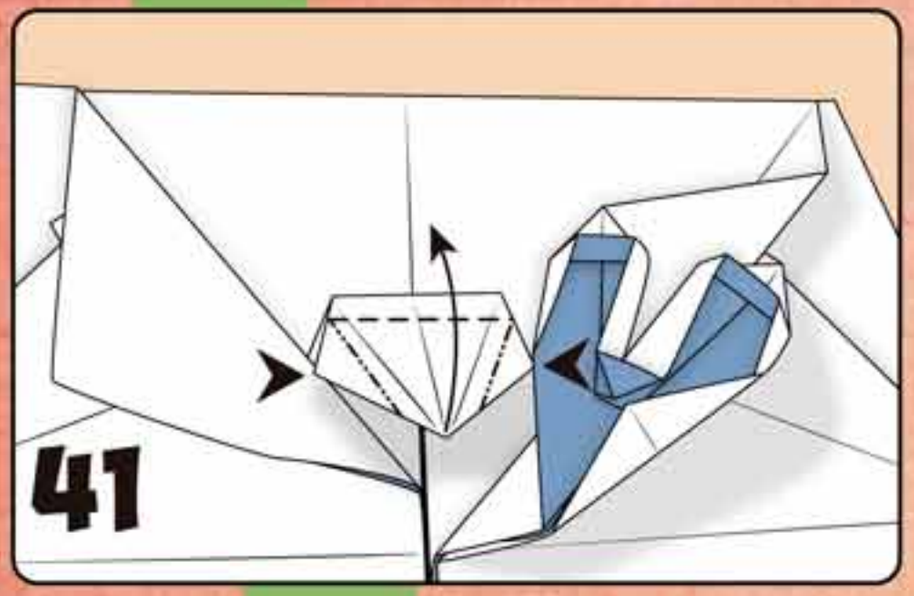
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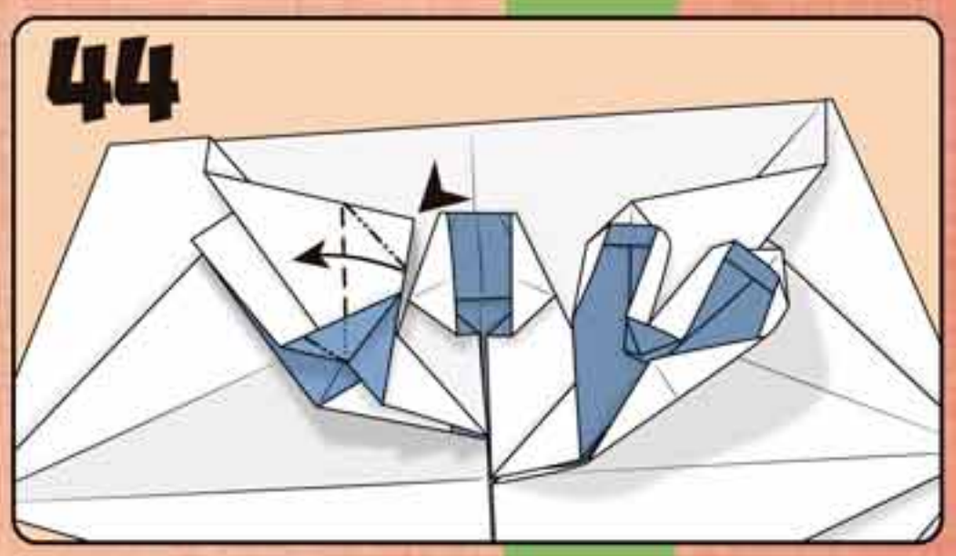
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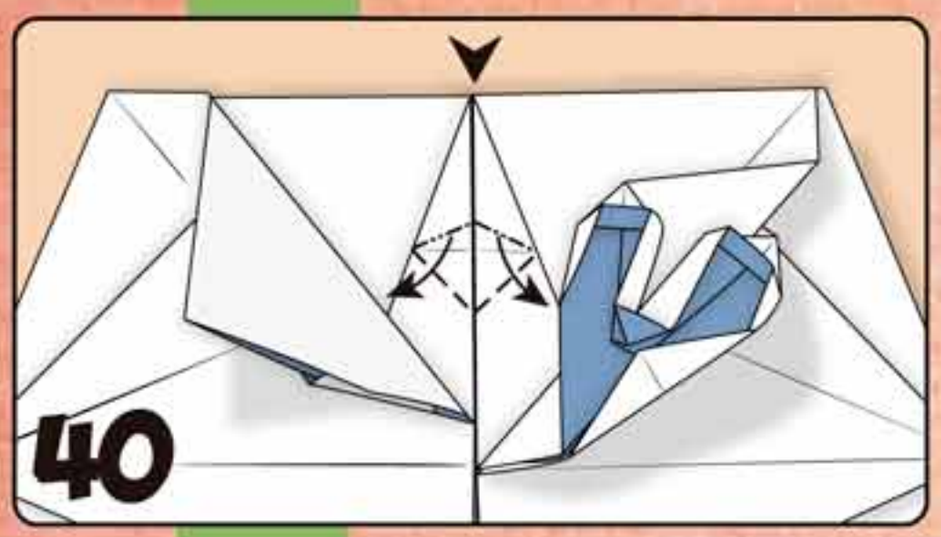
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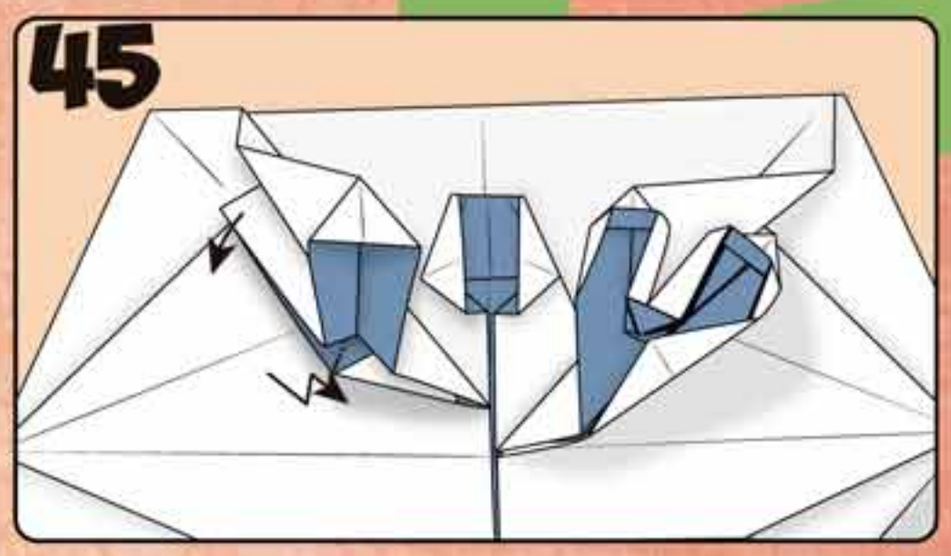
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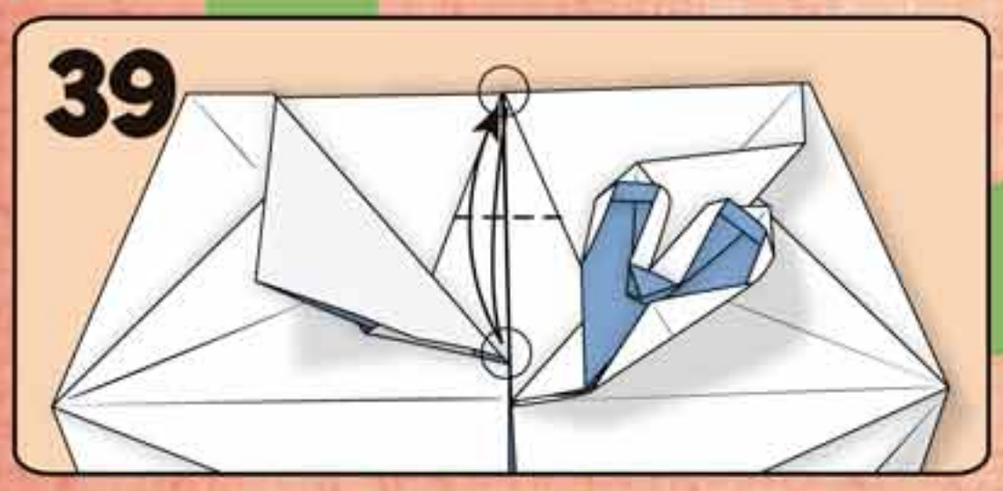
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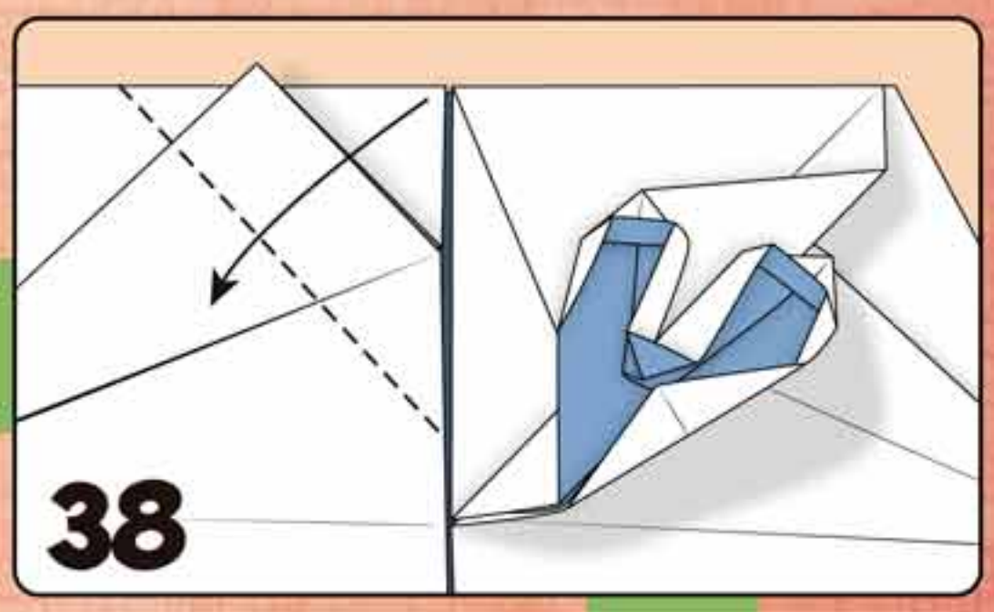
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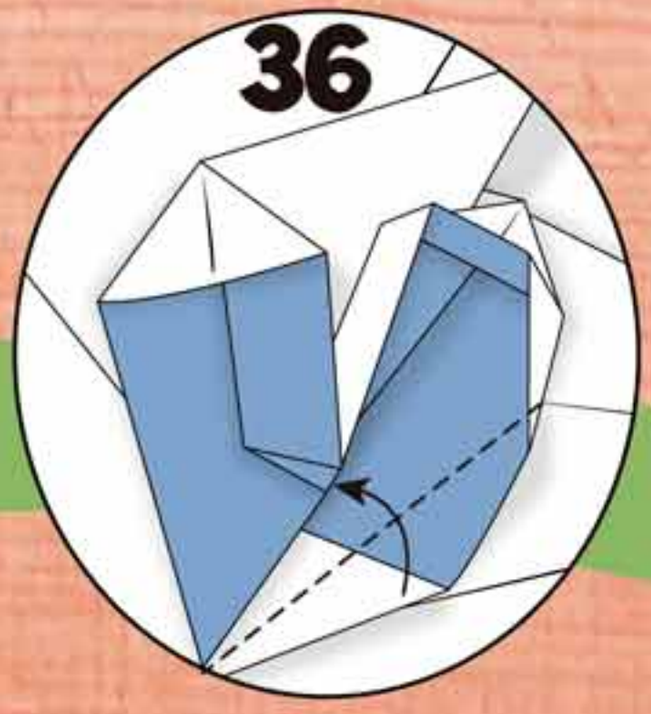
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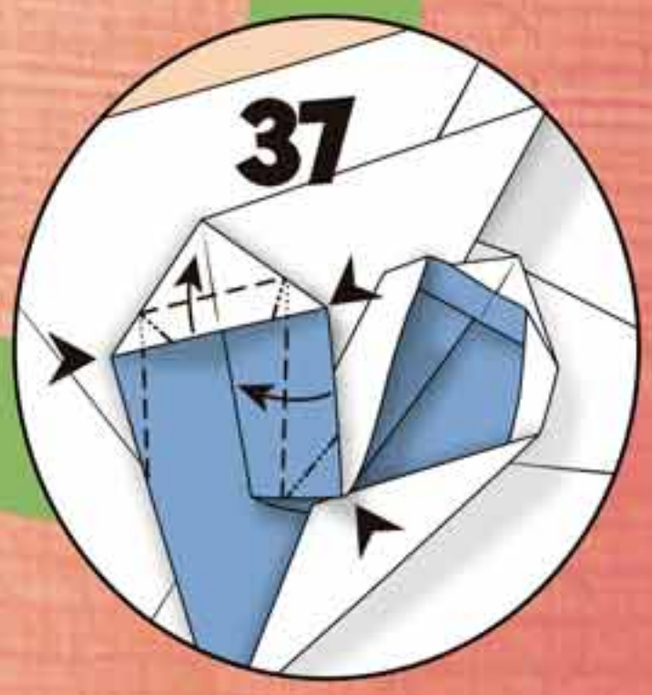
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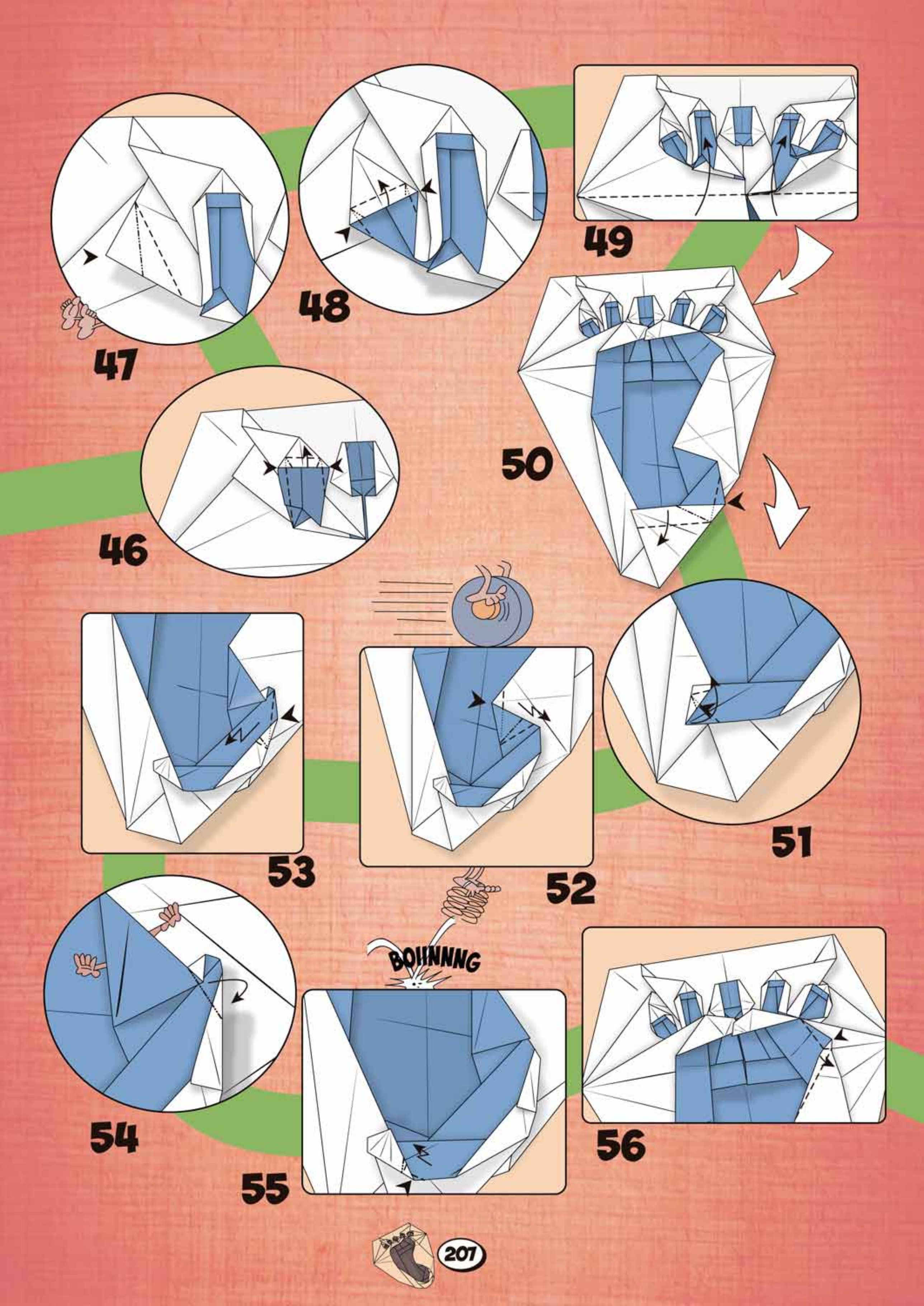
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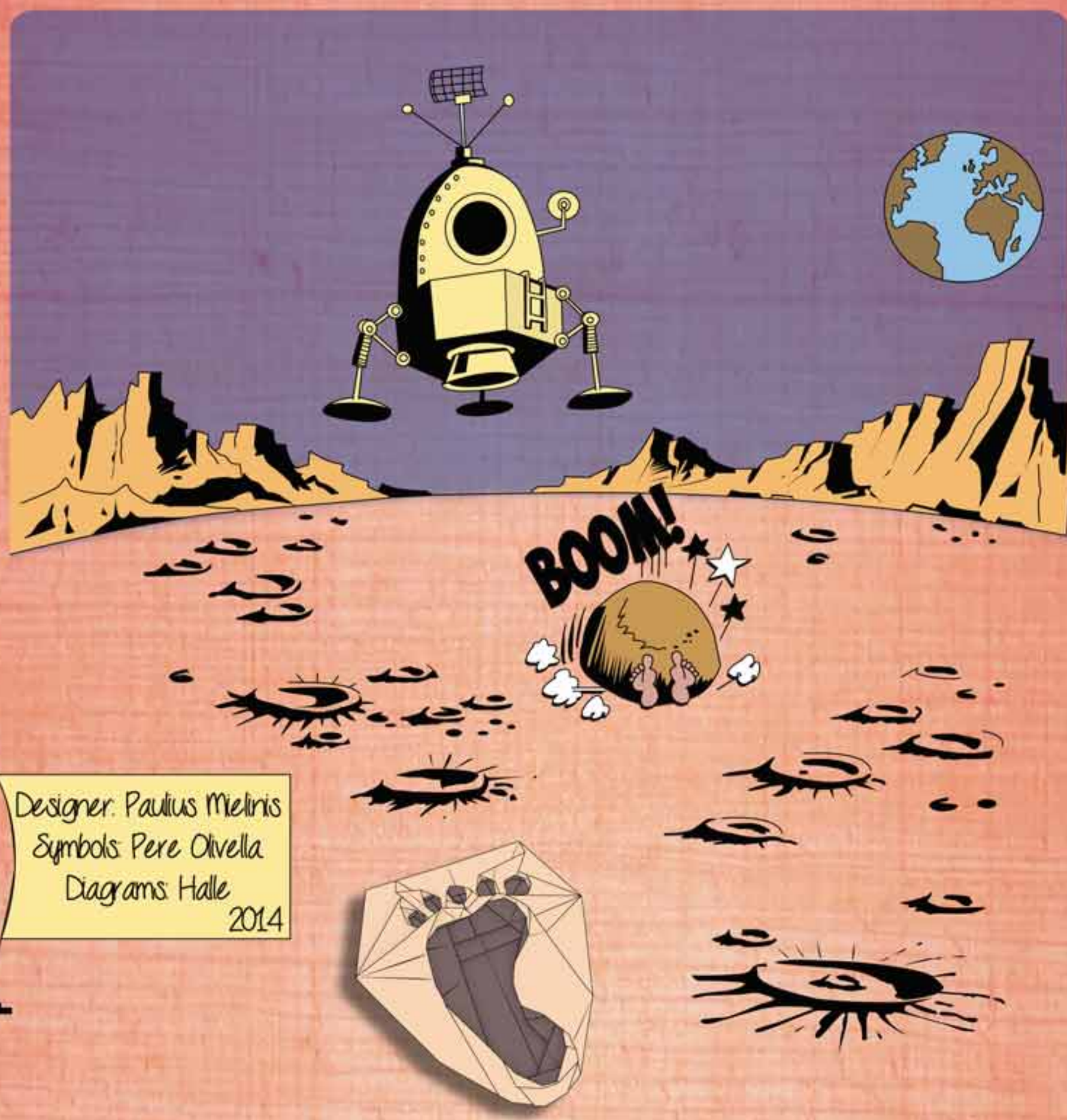
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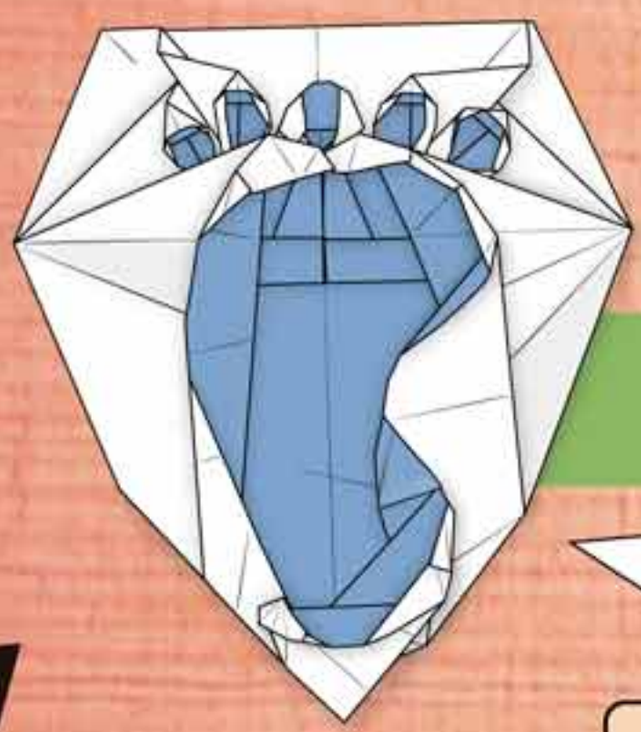
Designer: Paulius Mielinis
Symbols: Pere Olivella
Diagrams: Halle
2014



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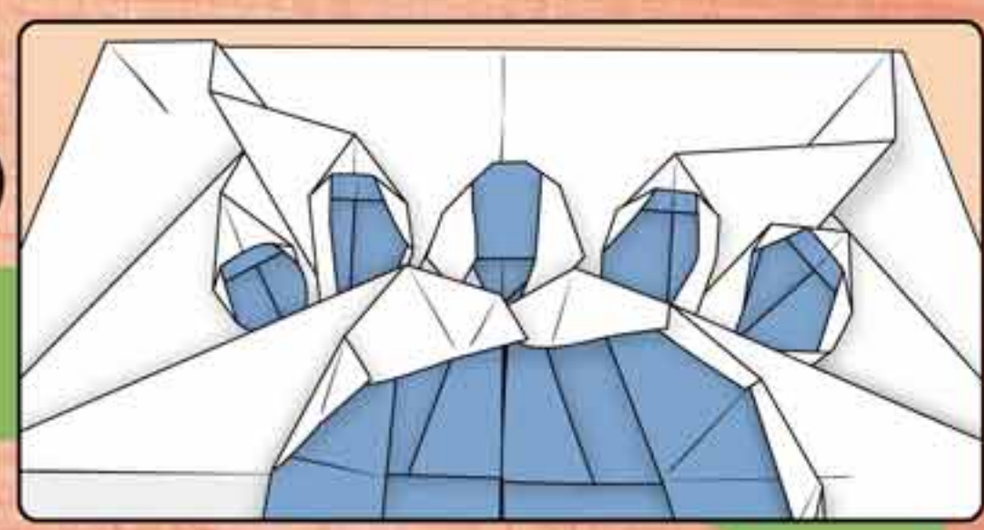

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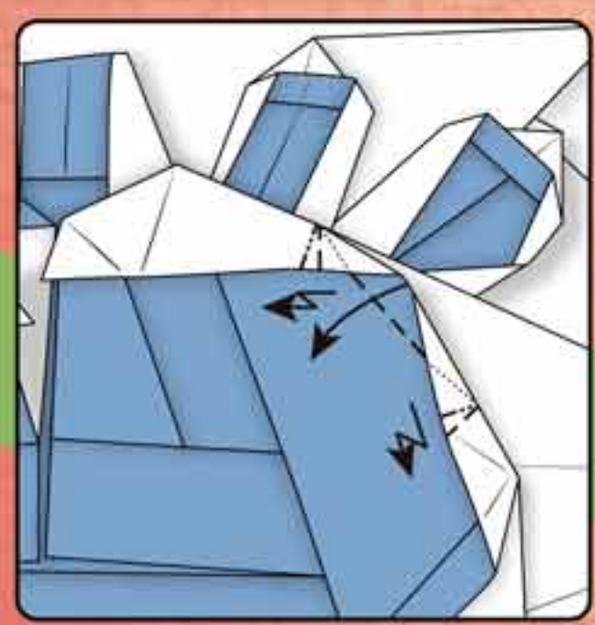

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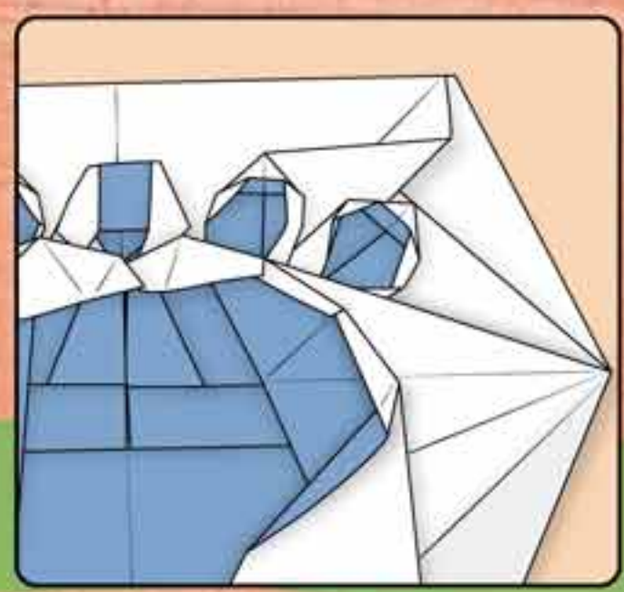

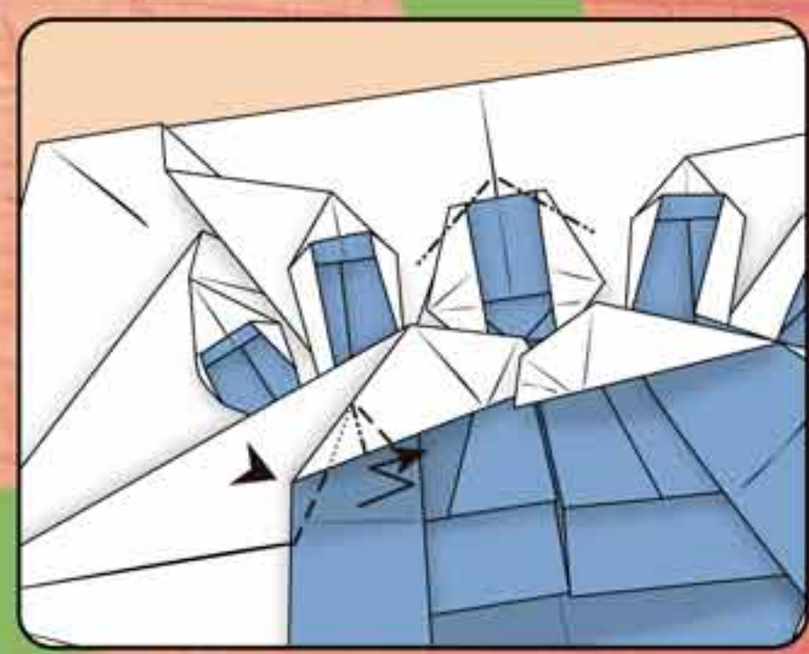

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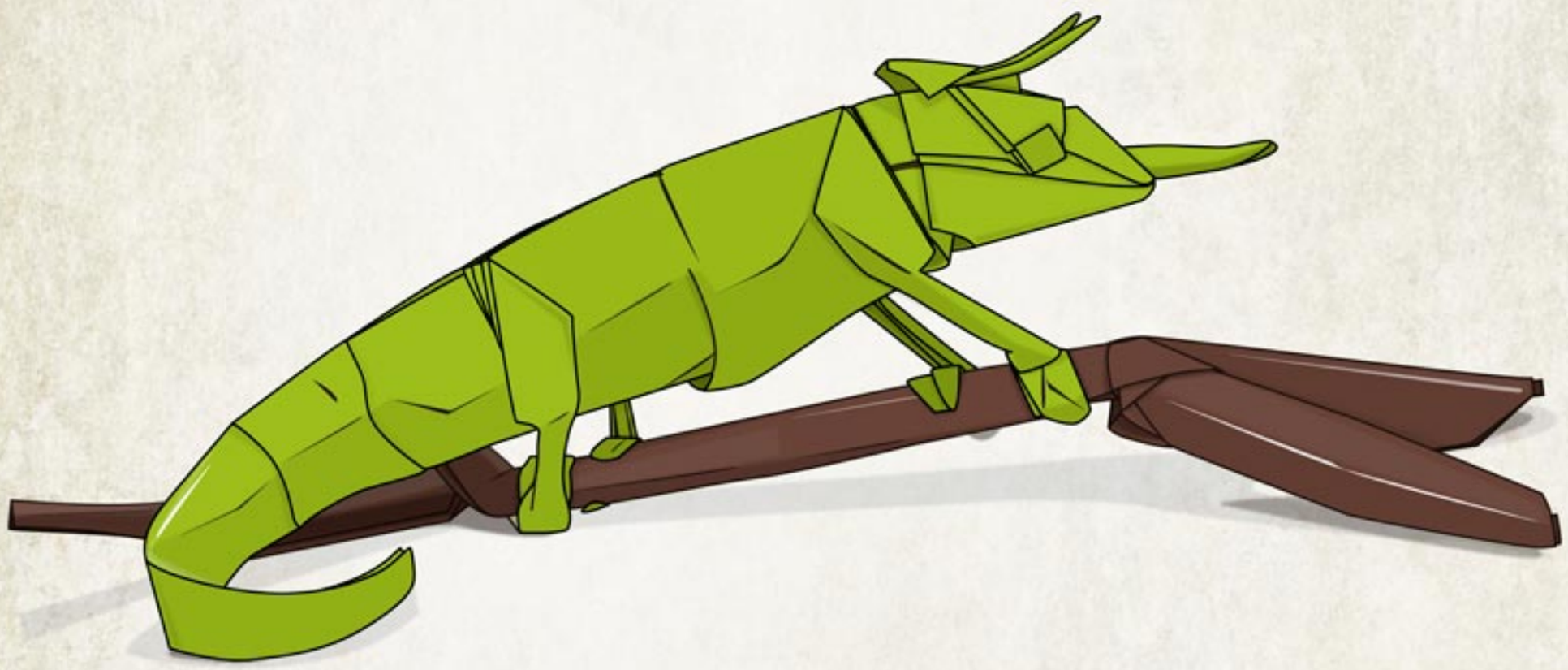
Tuan Nguyen Tu / Victor Coeurjoly / Angel Morollon / Patricio Kunz Tomic / Maria Sinayskaya / Ekaterina Lukasheva / Jozsef Zsebe / Mindaugas Cesnavicius / Alexander Kurth / Eric Vigier / Gachepapier / Richard Ojeda Soto / Jose M. Herrera Bello / Kaze / Halle / Tom Defoirdt / Sebastien Limet / Fernando Gilgado / Roman Diaz / Vincent Achard / Robert J. Lang / Nicolas Terry / Juanfran Carrillo / Nguyen Ngoc Vu / Quentin Trolllip / Eduardo Santos / Richard Galindo Flores / Didier Piguel / Kunsulu Jilkishiyeva / Paulius Mielinis



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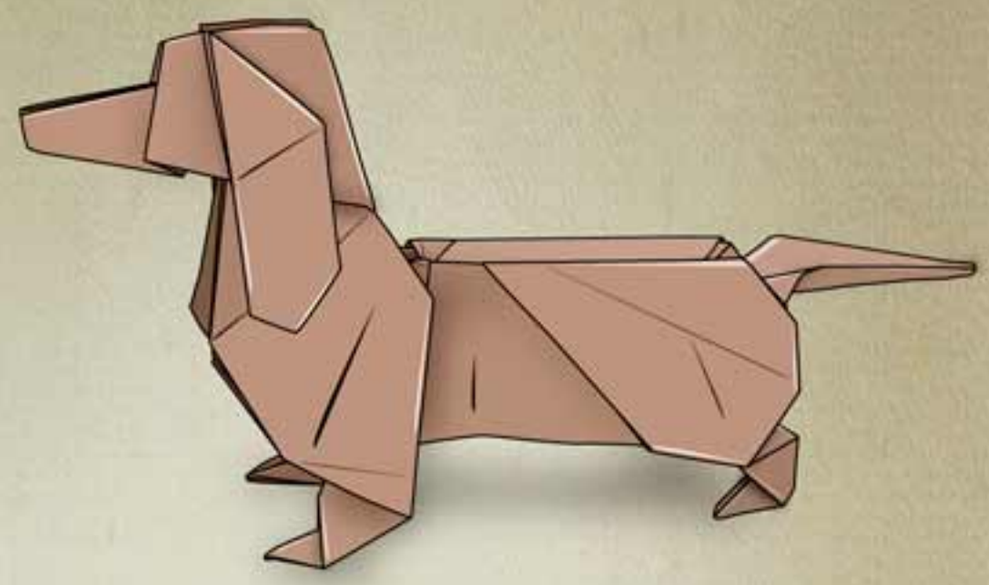
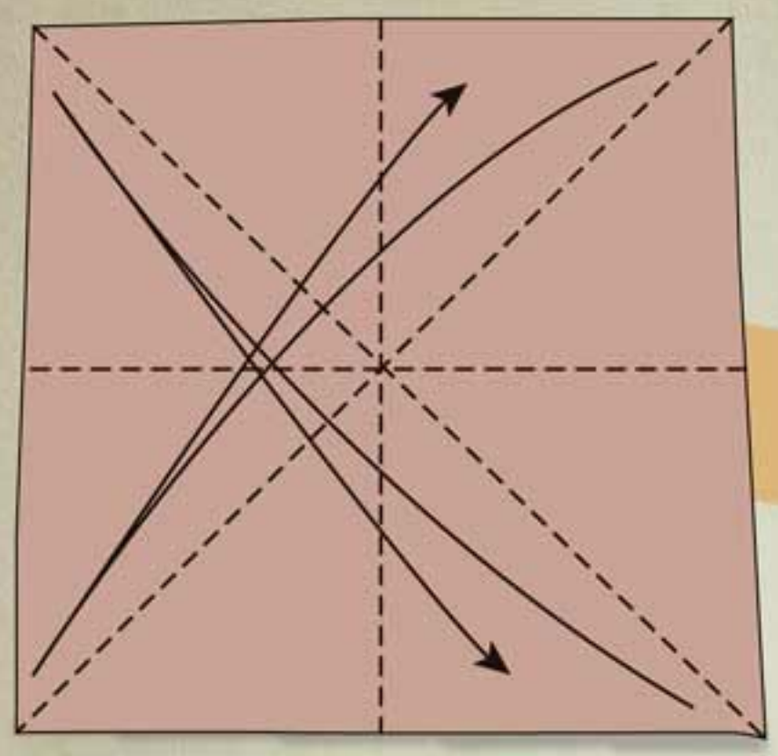
ISBN 2-84424-090-9

DACHSHUND

by Steven Casey





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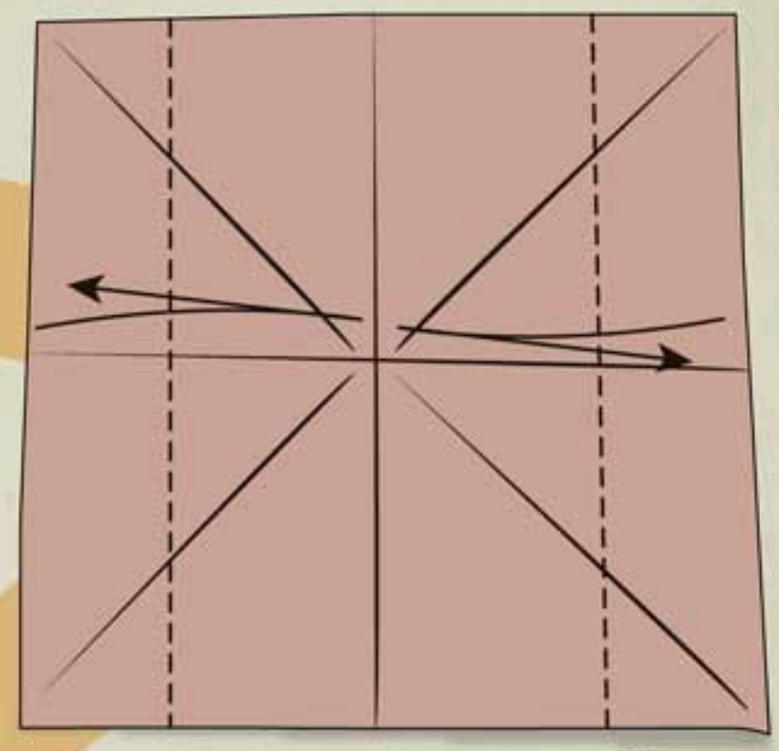

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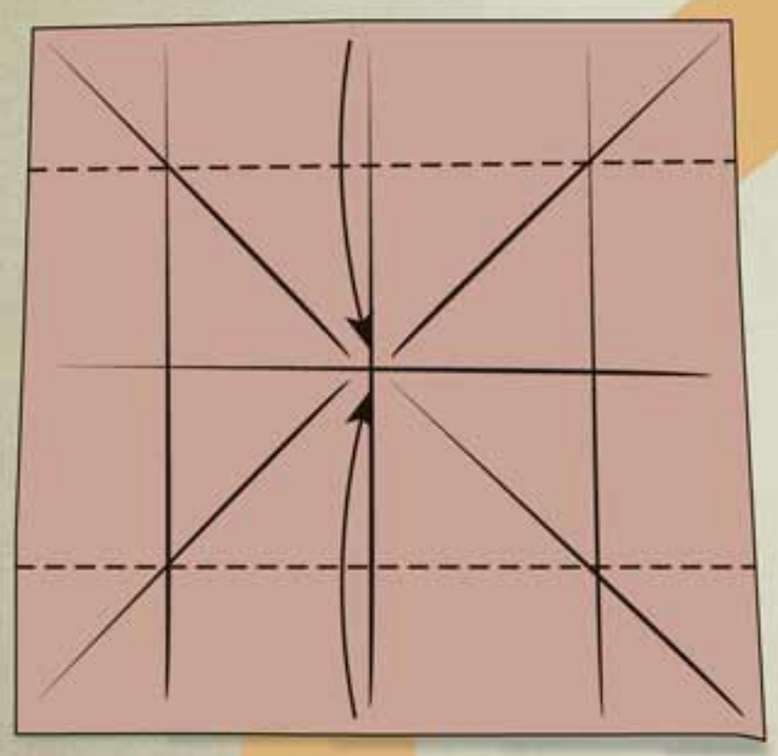

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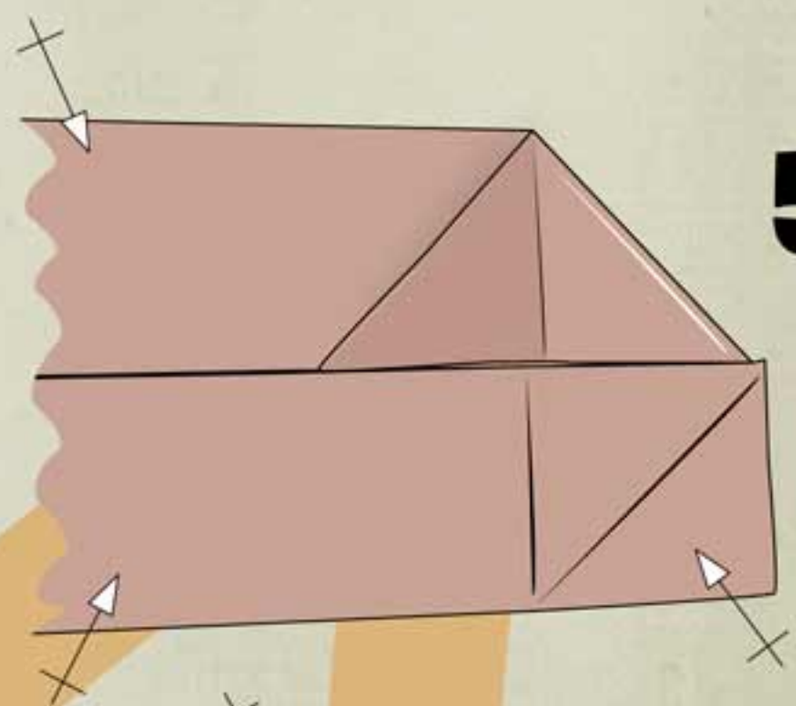

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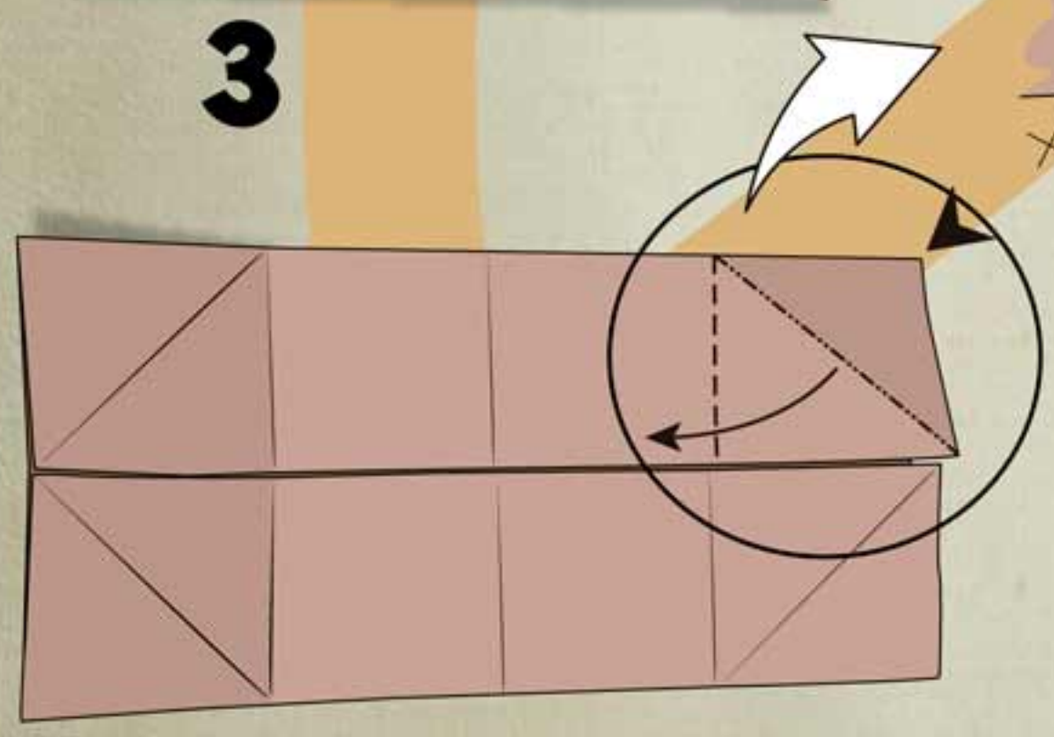

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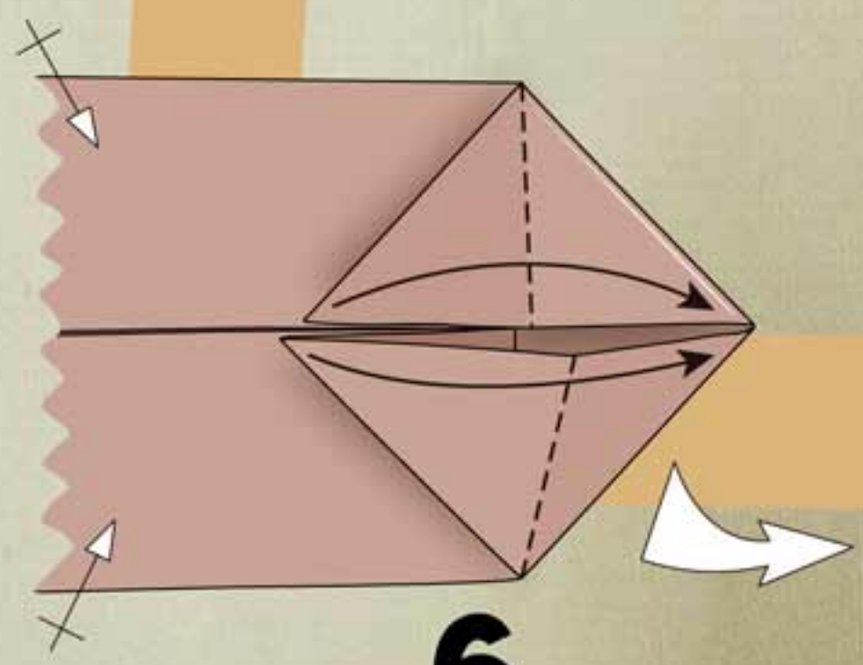

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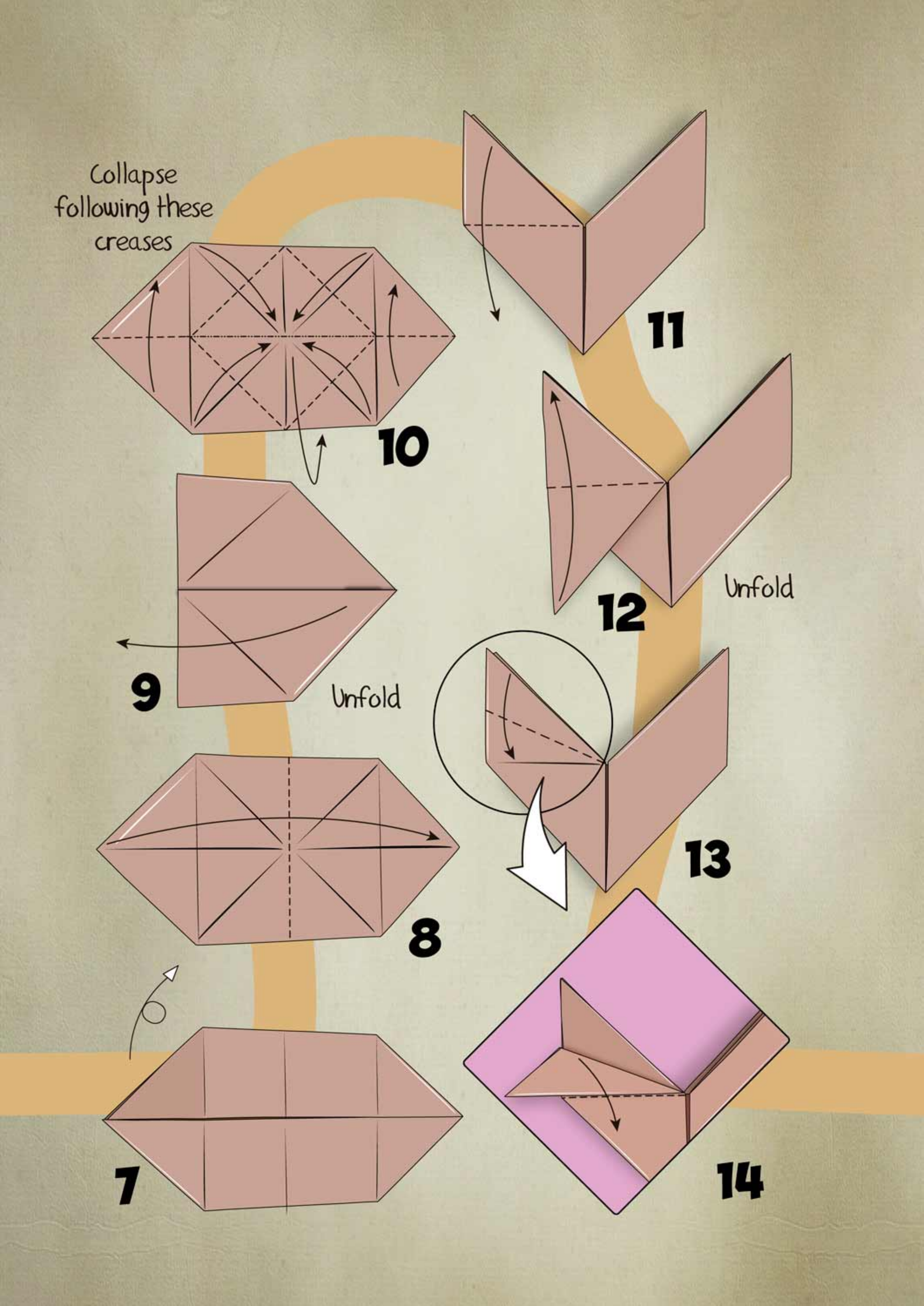
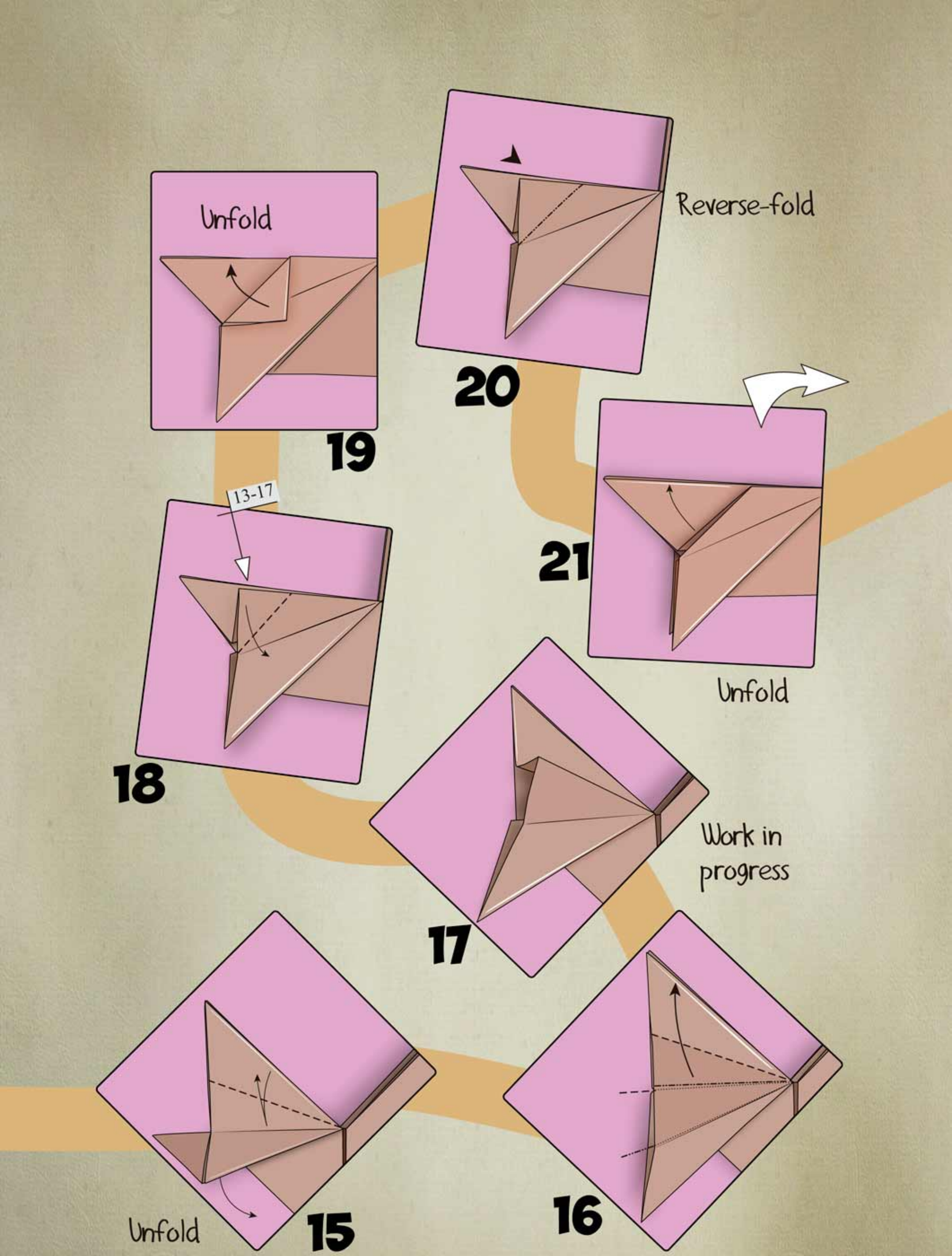
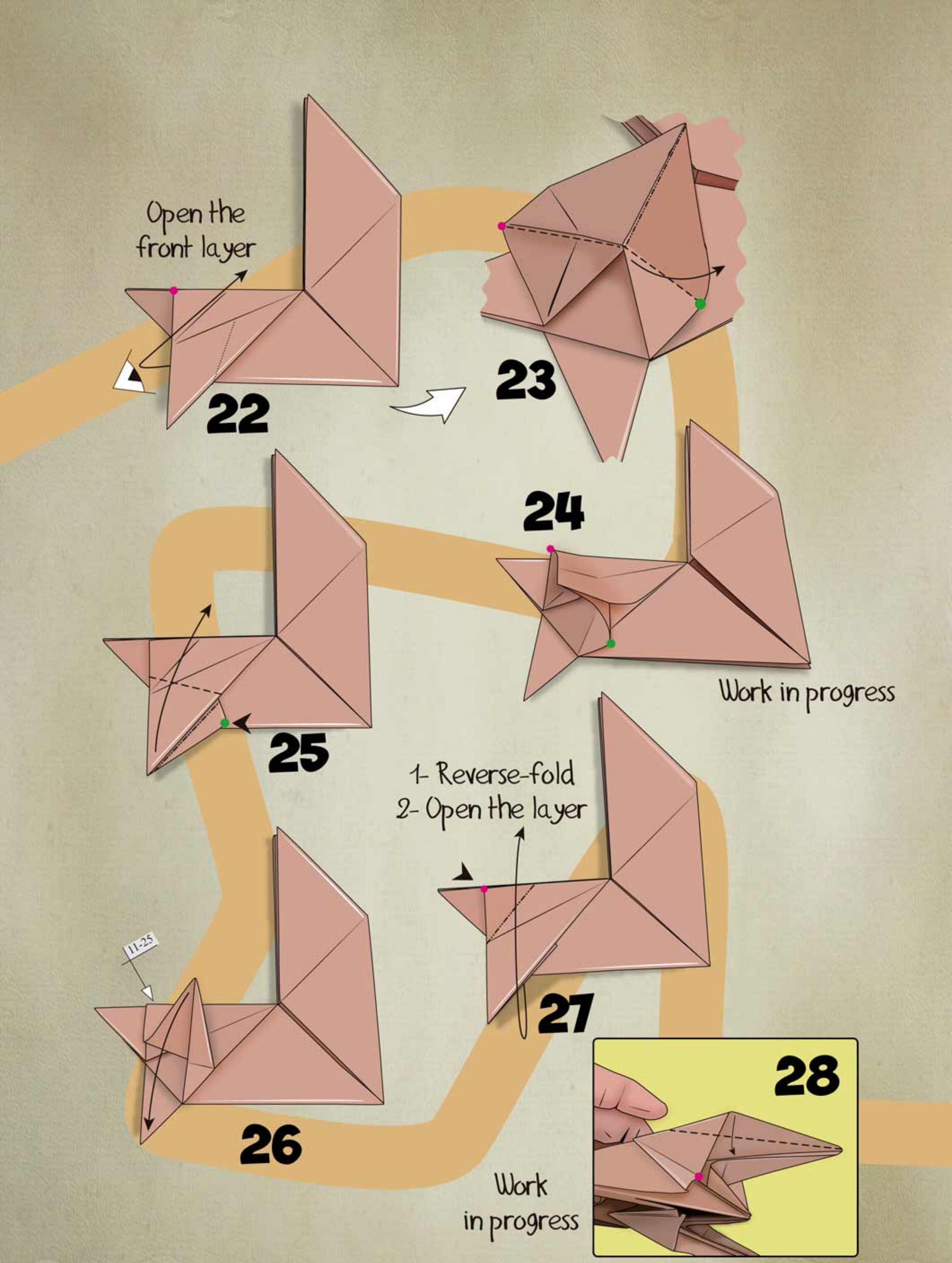
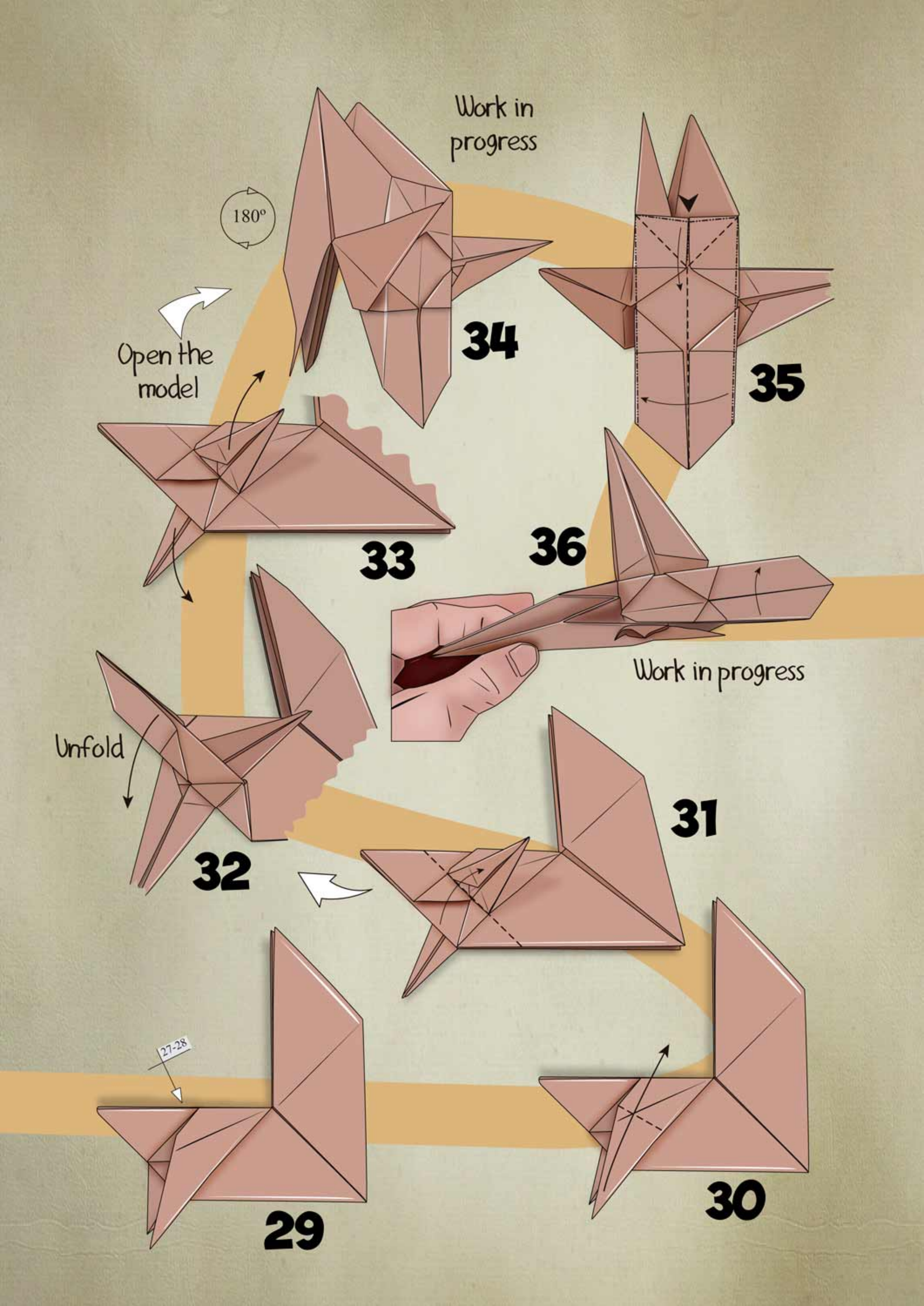
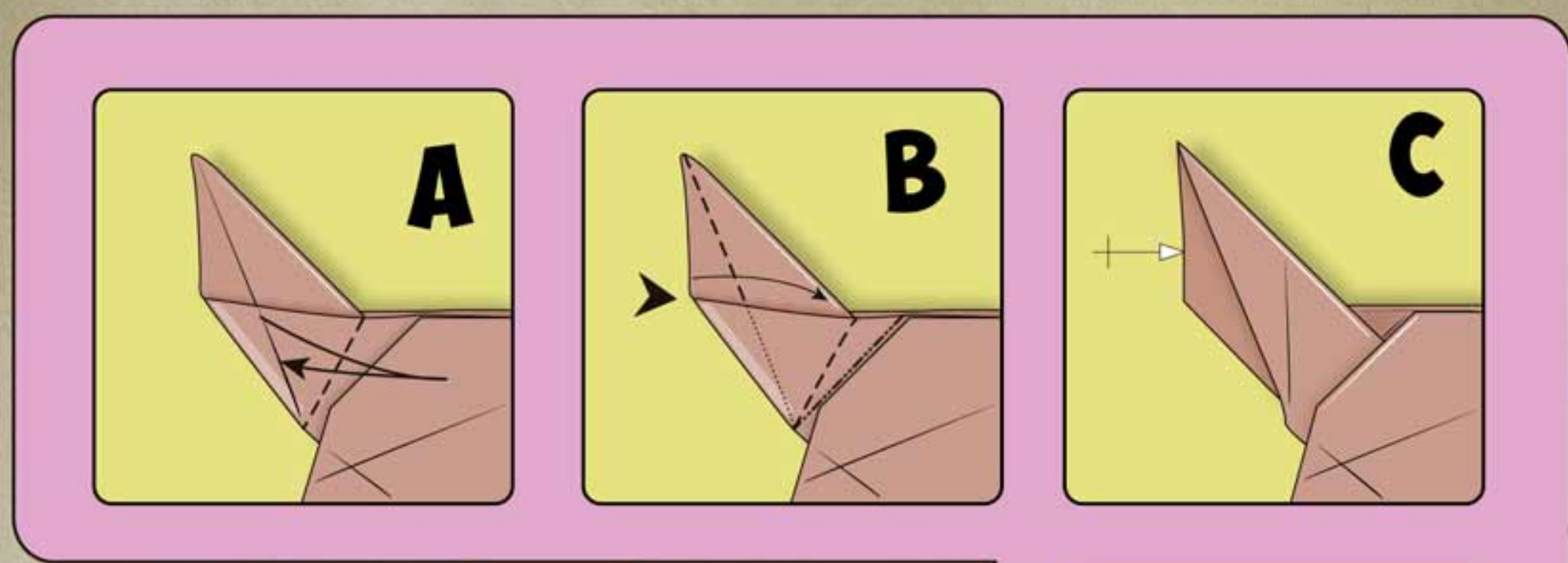
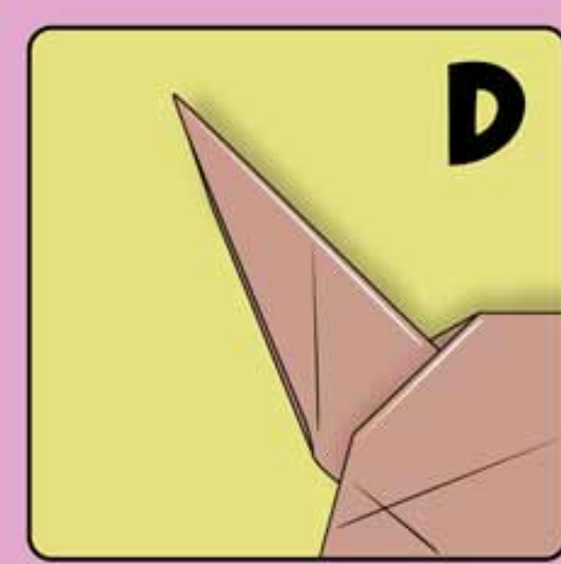

Collapse following these creases
10
11
12
Unfold
9
Unfold
13
8
7
14


Unfold
19
20
Reverse-fold
13-17
18
21
Unfold
Work in progress
17
Unfold
15
16


Open the front layer
22
23
24
Work in progress
25
1- Reverse-fold
2- Open the layer
11-25
26
27
28
Work in progress


Work in progress
180°
34
35
Open the model
33
36
Work in progress
Unfold
32
31
27-28
29
30


A
B
C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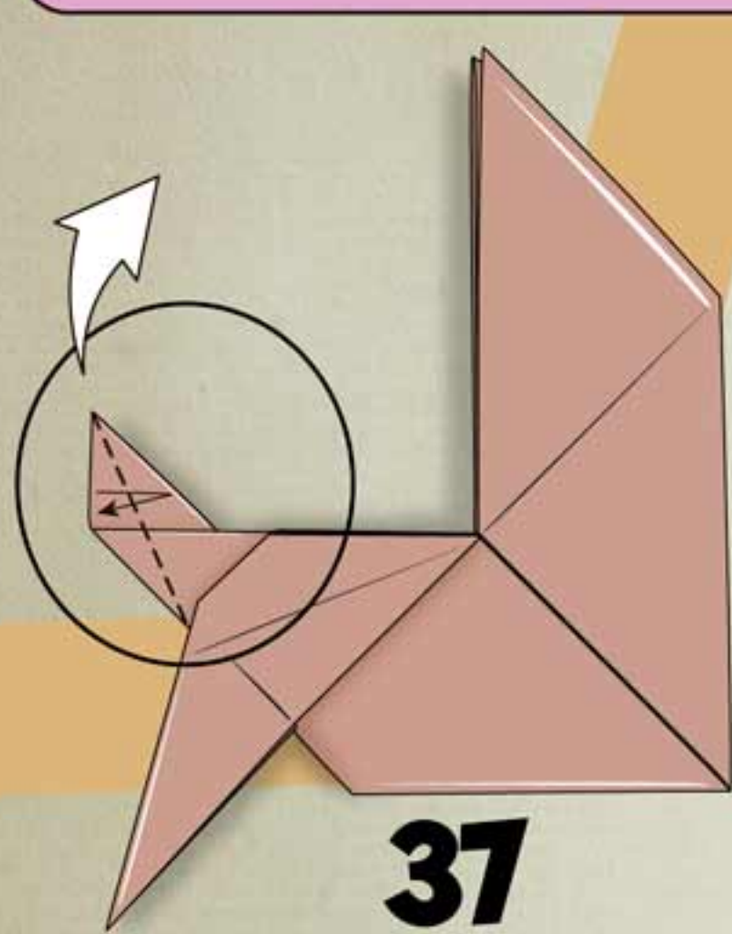
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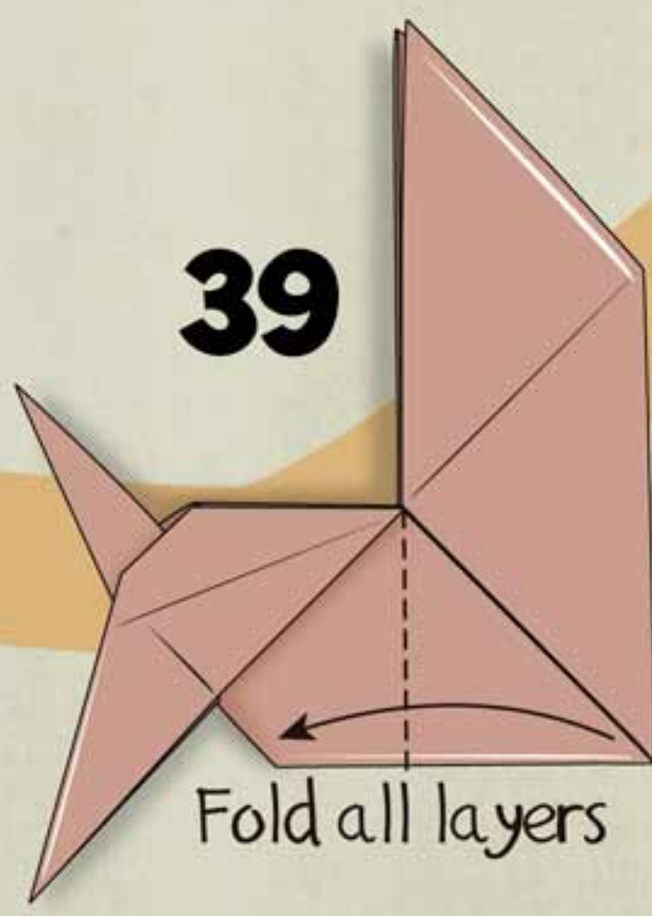
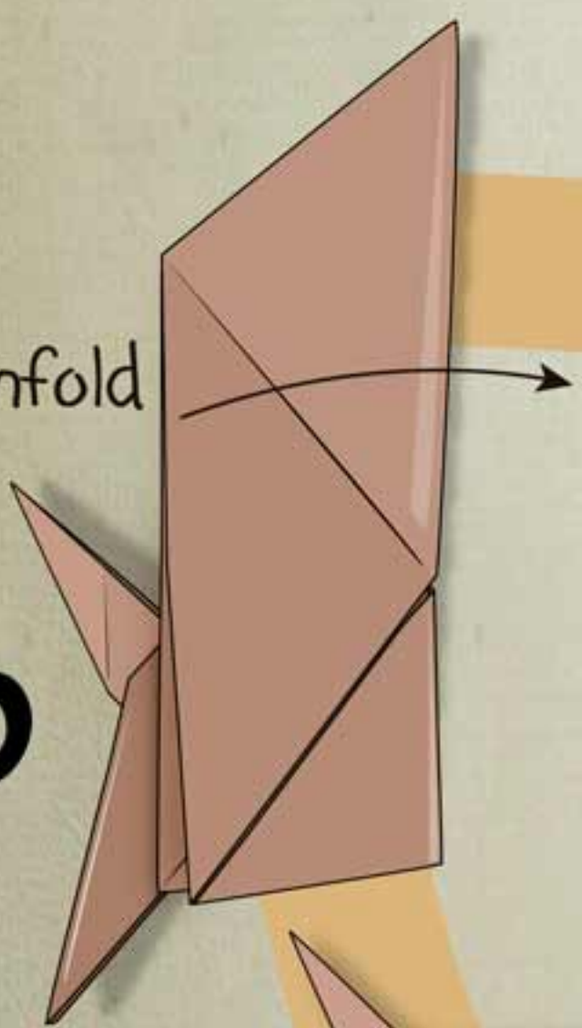

38
39
Fold all layers


Unfold
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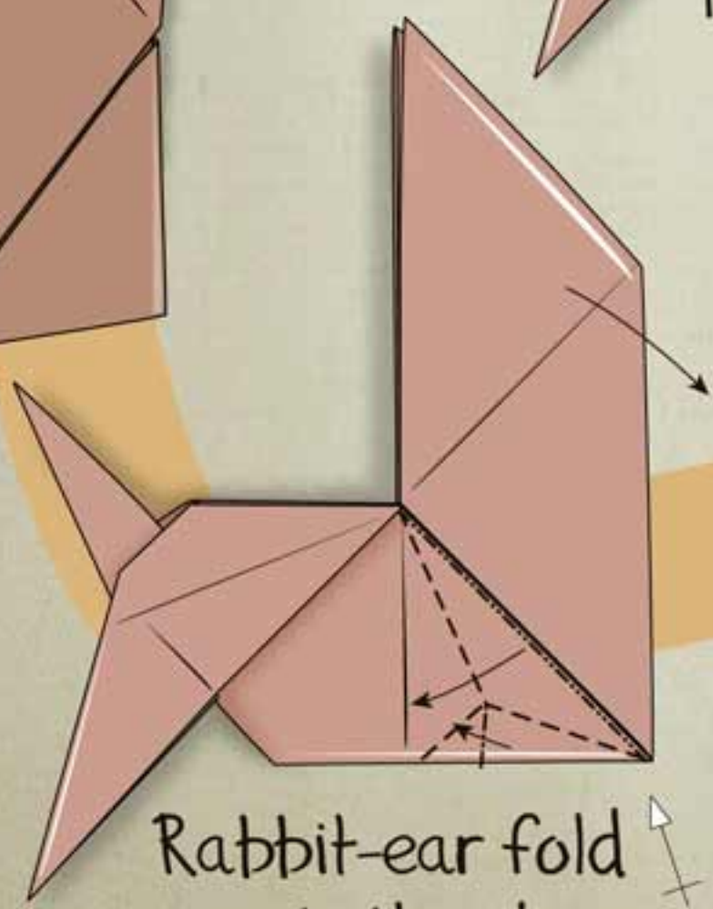
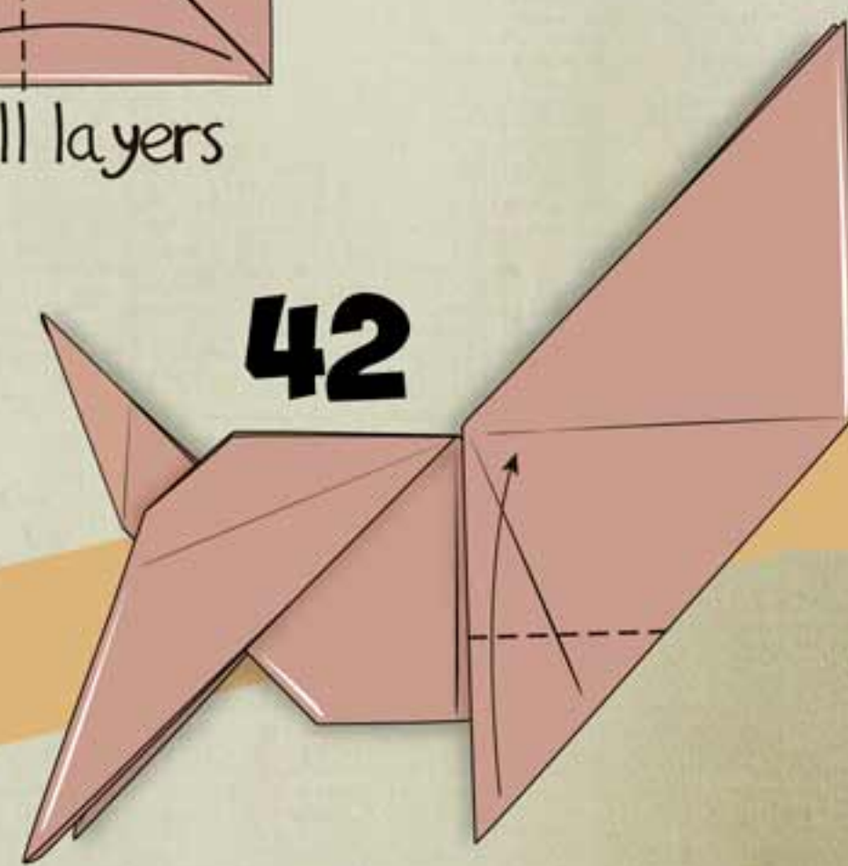

41
Rabbit-ear fold
on both side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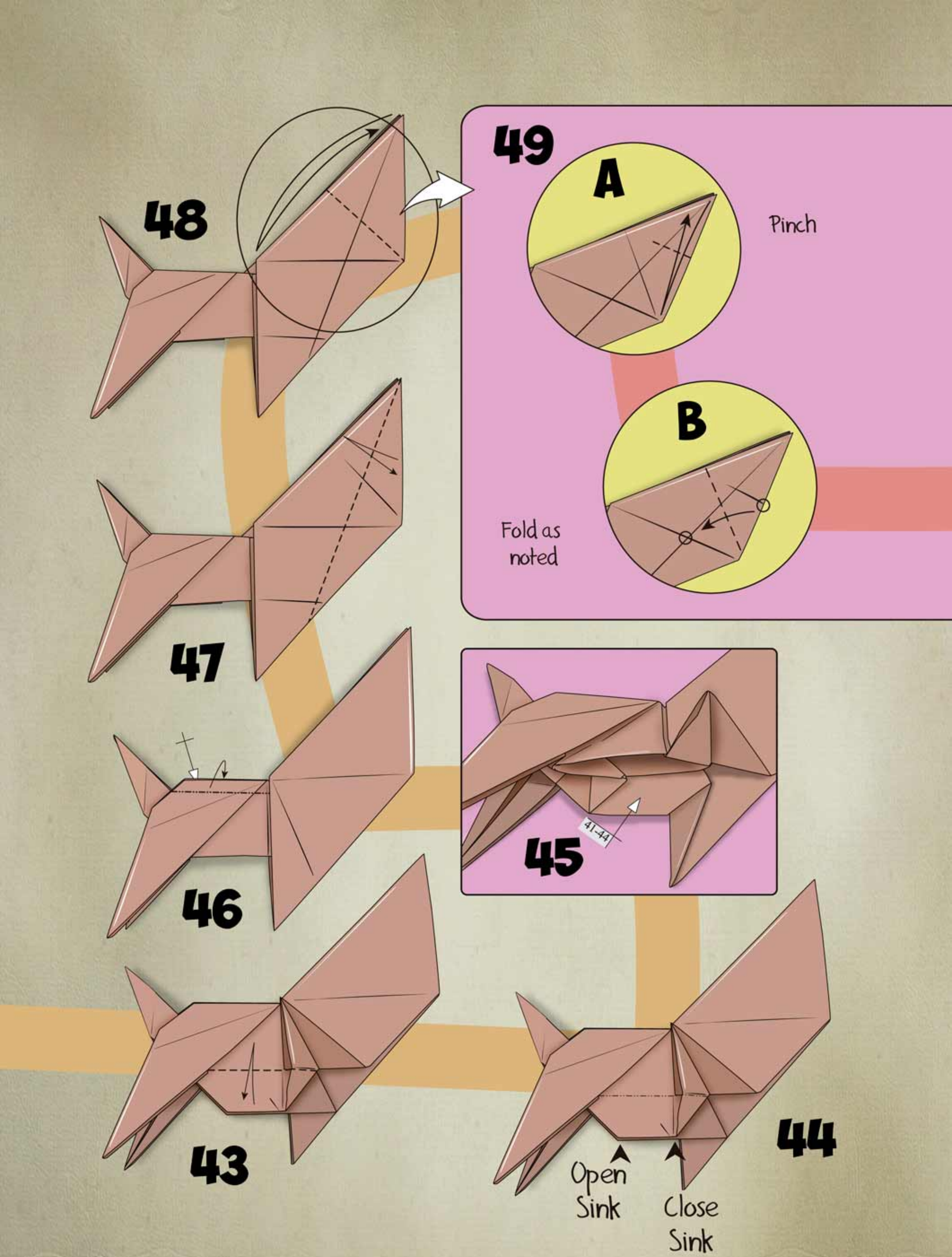
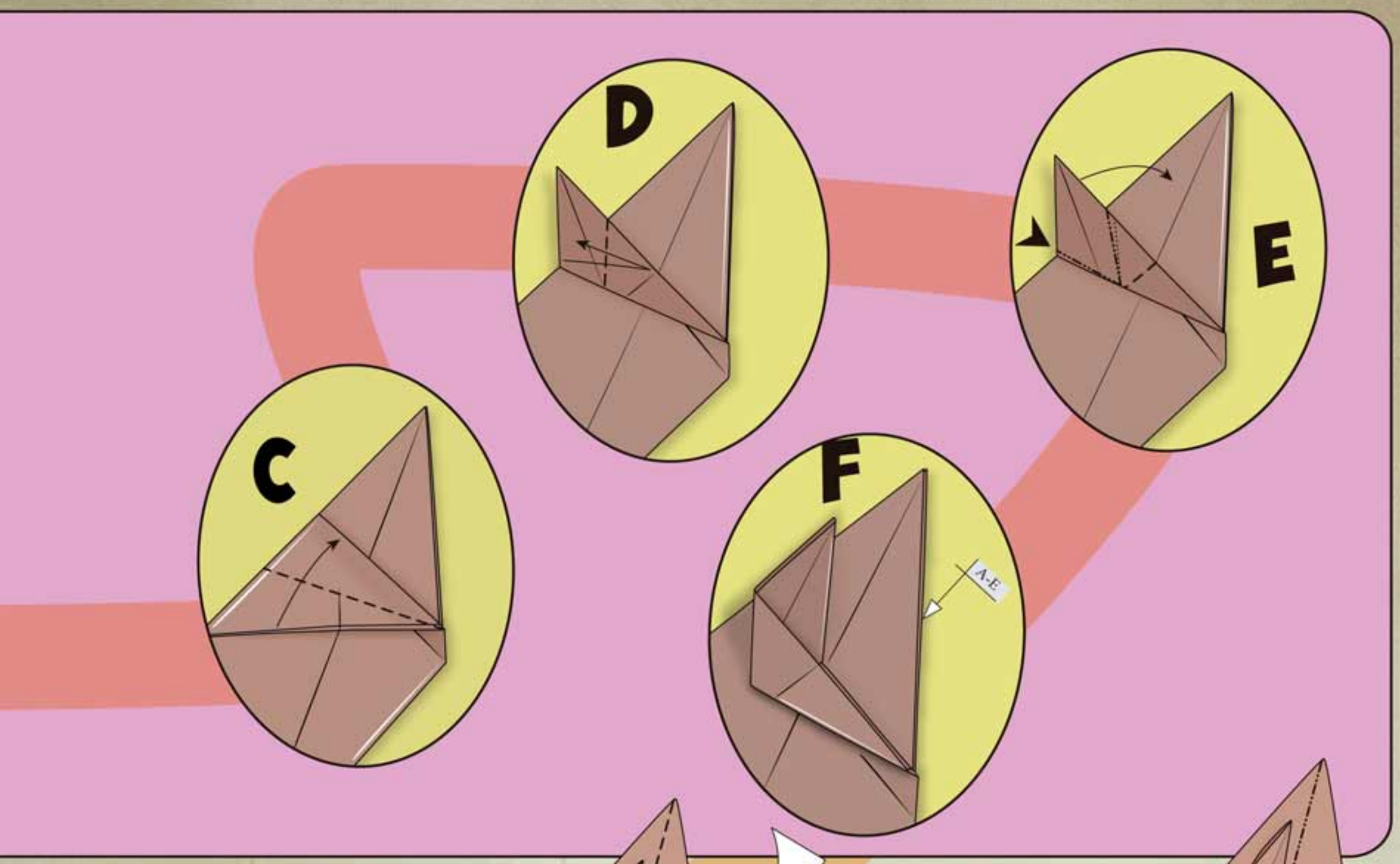
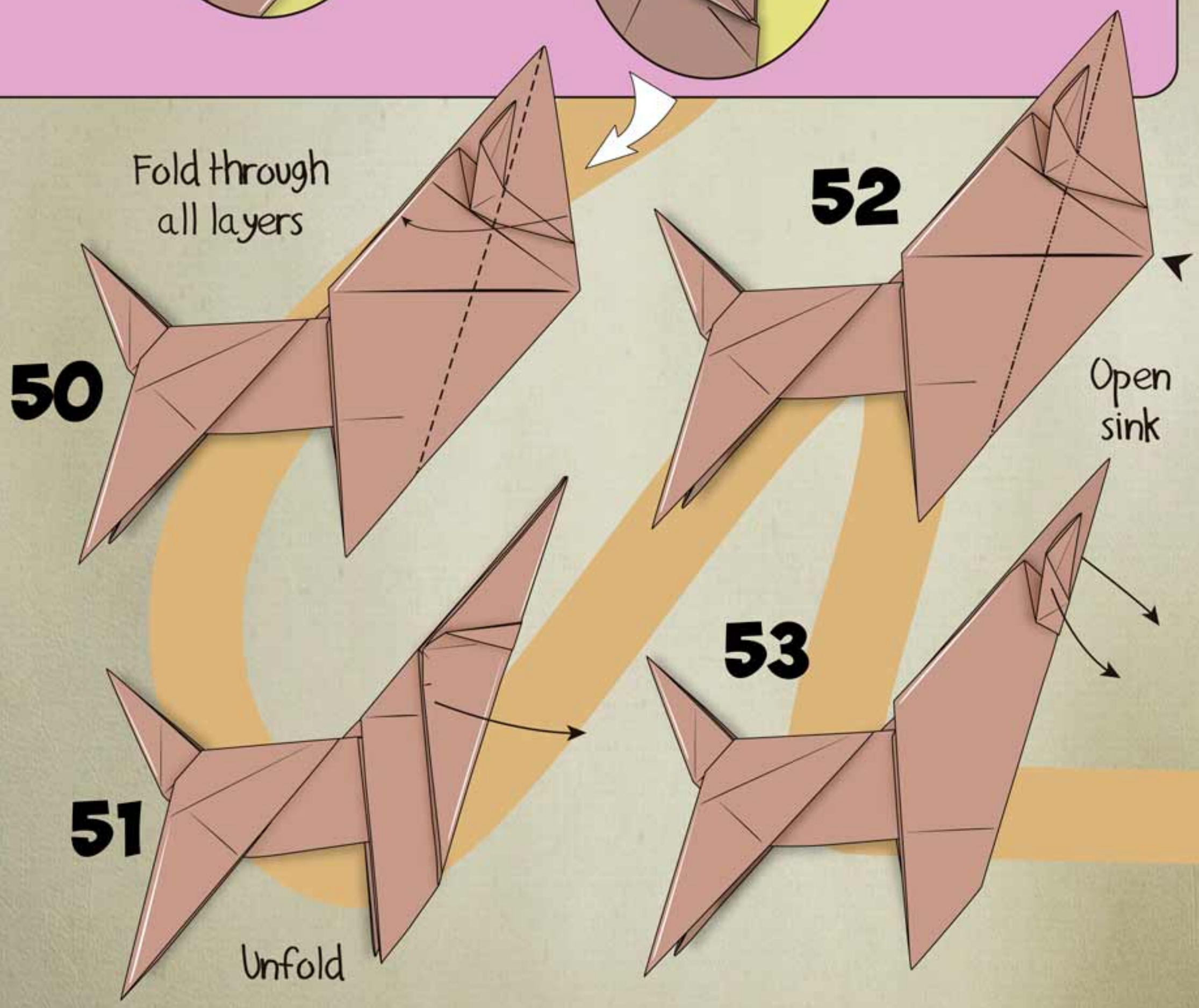
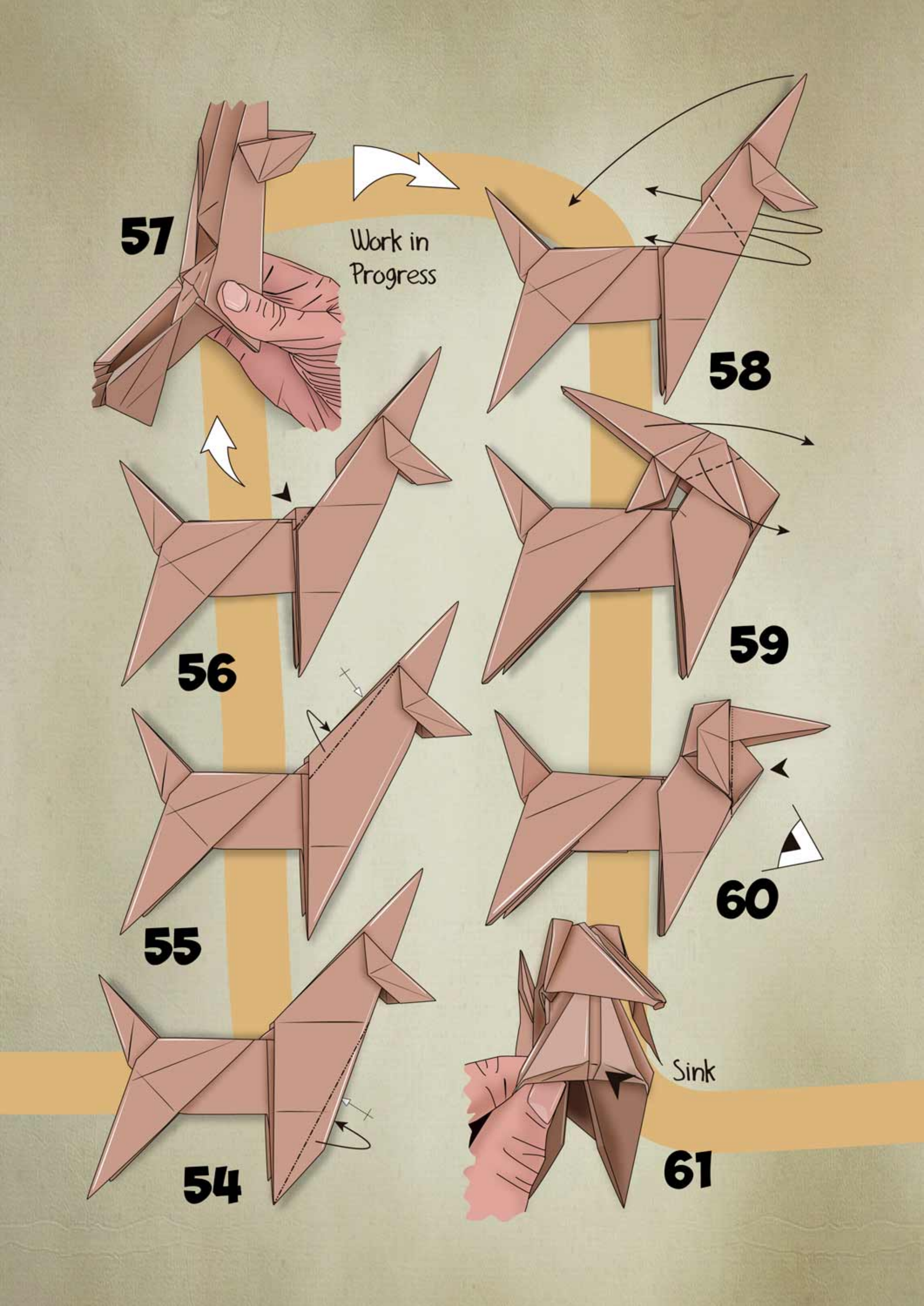

48
49
A
Pinch
B
Fold as noted
47
45
41-44
46
43
44
Open Sink
Close Sink


D
E
C
F
A-E


Fold through
all layers
50
52
Open
sink
53
51
Unfold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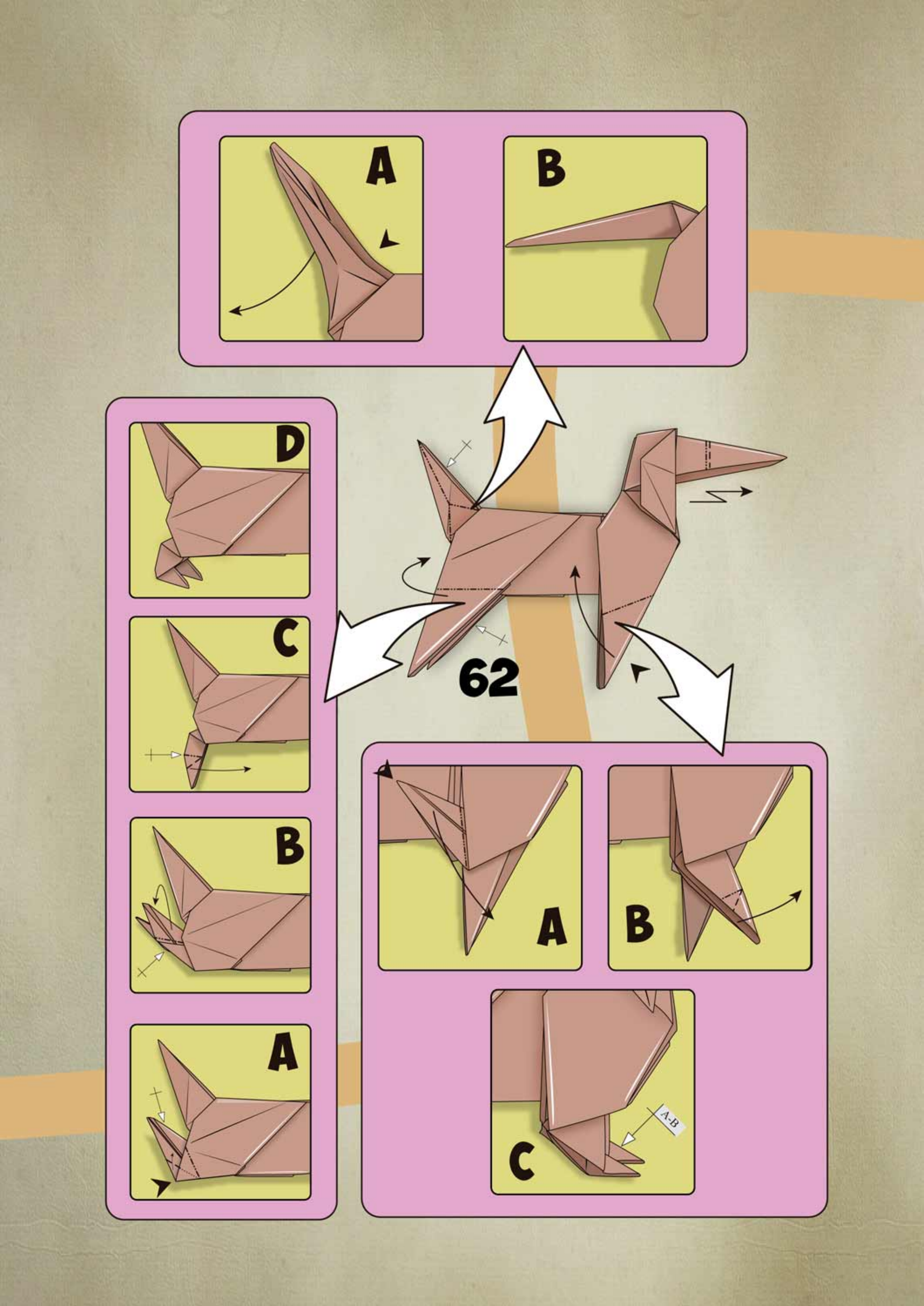
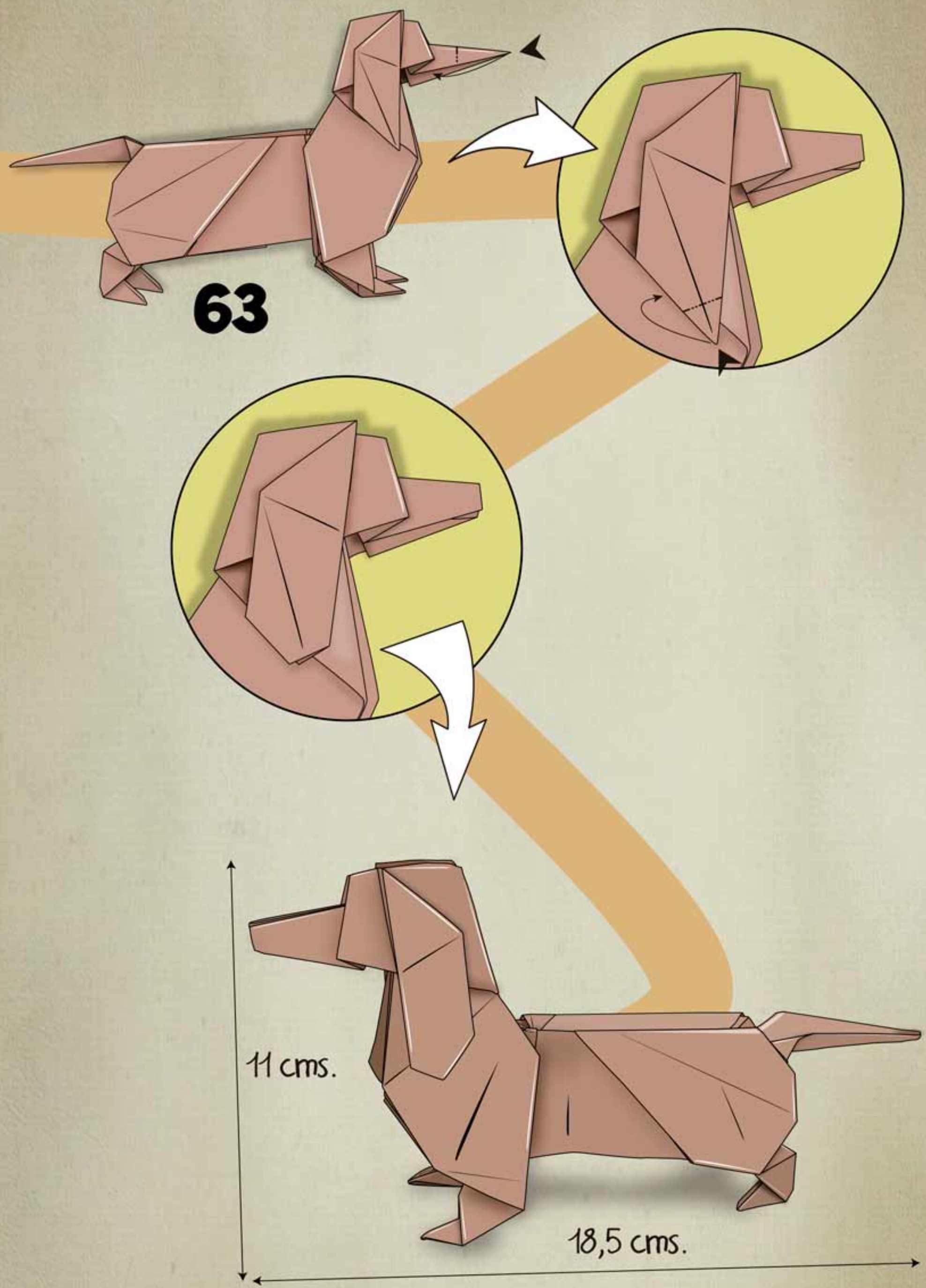
Work in Progress
58
56
59
55
60
54
Sink
61


A
B
D
C
B
A
62
A
B
C
A-B



Photodiagrams & Design: Steven Casey
Diagram: Halle 2012