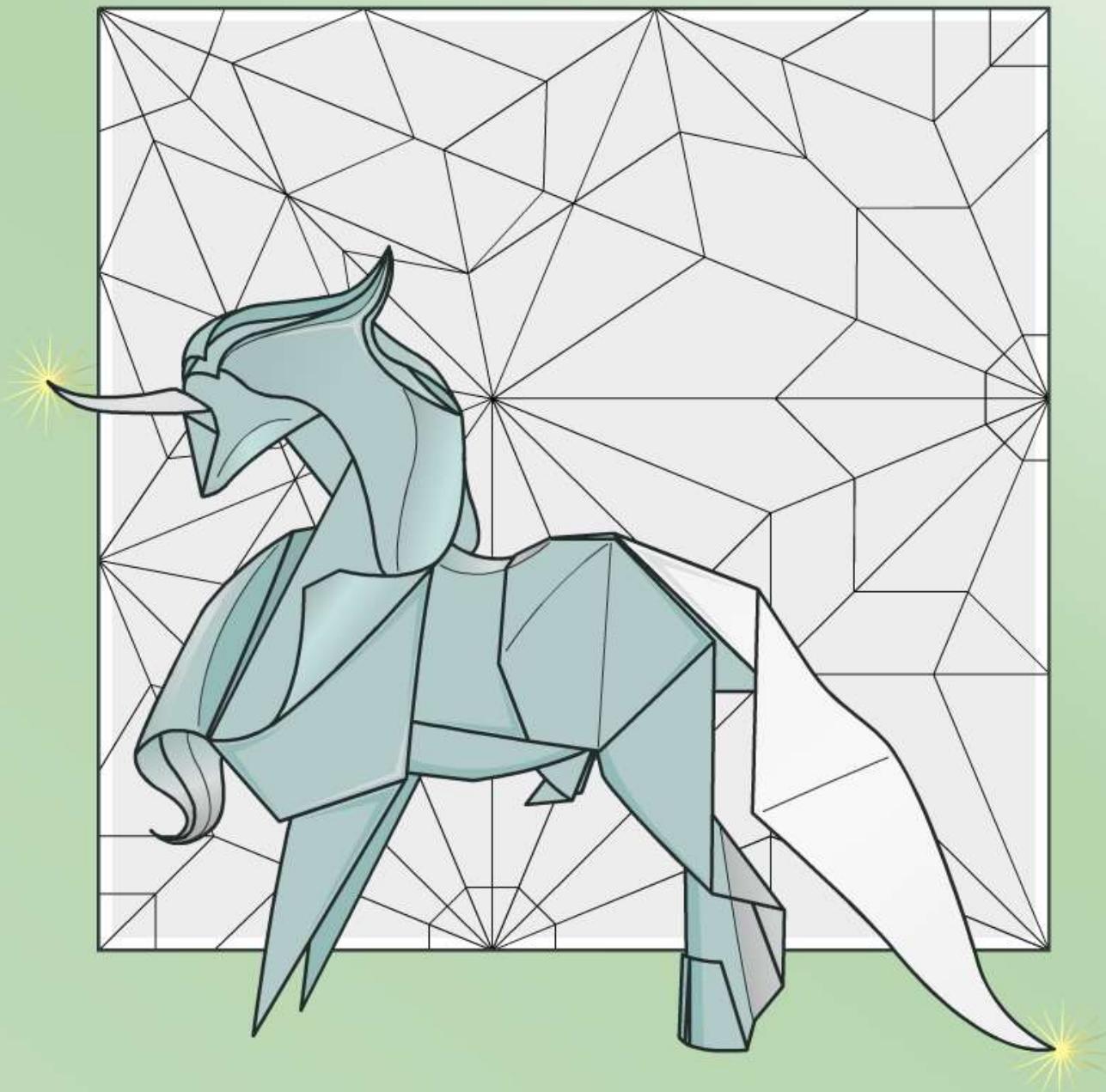
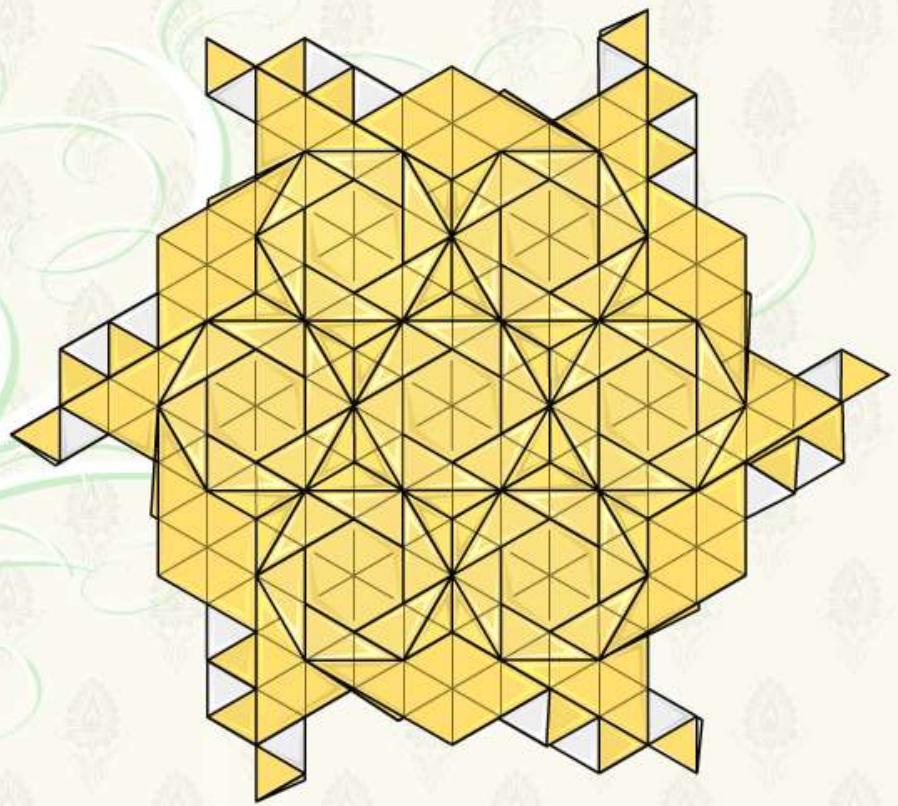


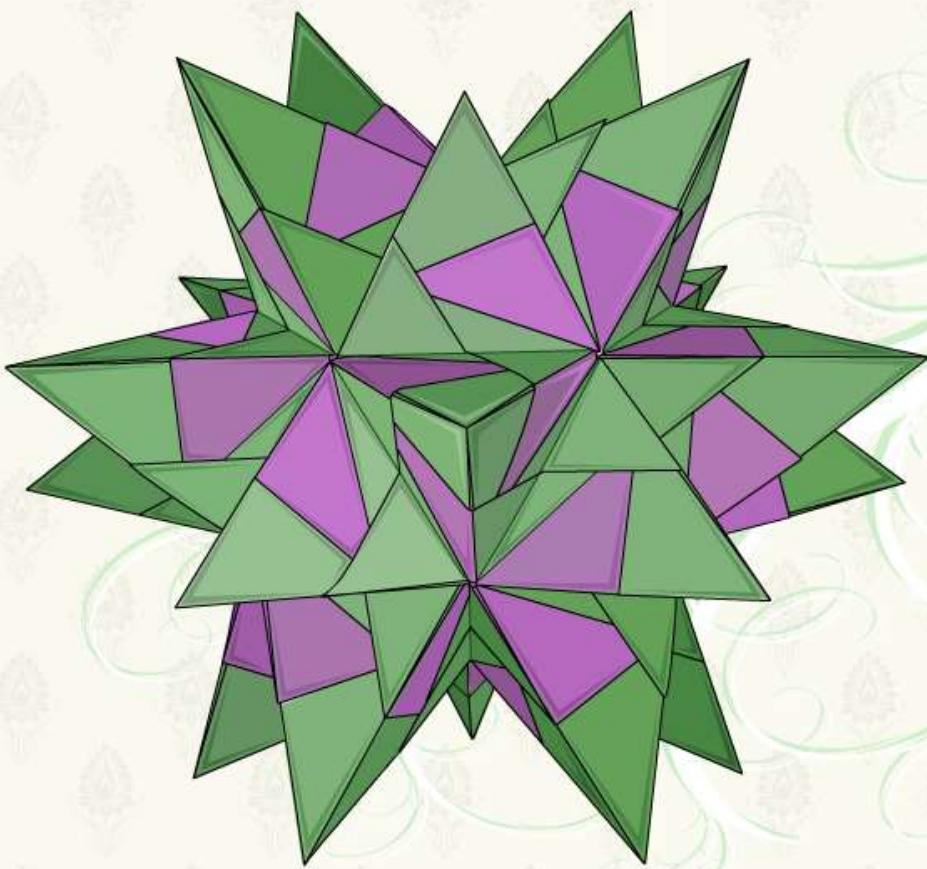
*IV International Origami Internet Olympiad*



Russia 2014



*IV International Origami Internet Olympiad*



*Russia 2014*

# *Jury:*

*Andrey Ermakov - founder of the olympiad*

*Dmitry Lysiuk - origami olympiad champion in 2011*

*Andrey Lukyanov - administrator of loveorigami.info forum*

*Yaroslav Terehov - administrator of oriart.ru forum*

*Jared Needle - origami artist*

# *Designers:*

*Maria Sinayskaya (South Africa)*

*Andrey Lukyanov (Russia)*

*Yasushi Miyashita (Japan)*

*Dmitry Lysiuk (Belarus)*

*Sergey Yartsev (Russia)*

*Peter Keller (Germany)*

*Ryoichi Takagi (Japan)*

*Andrey Ermakov (Russia)*

*Daniel Kwan (USA)*



*Olympiad is conducted in the Internet. All official announcements are available on the origami forums:*

*oriart.ru; forum.loveorigami.info; snkhan.co.uk e.t.c.*

*For more information please contact e-mail specified in the rules.*

*Edited by Andrey Ermakov*

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# **Rules :**

1. Any type of paper can be used.
2. Participants are allowed to paint and glue models if it would not prevent identification of all elements of the model (including pre-creased lines defining the assembly process). This rule does not apply to the participant's own design.
3. Only photos never published before the olympiad are allowed.
4. Each model should be photographed from at least three angles to clearly display all the details. Low quality photos will not be considered, but total size of the resulting message should not exceed 10 Mb.  
Recommended size of pictures is from 480x480 to 1500x1500 pixels.
5. Minimal editing of the pictures is allowed as long as it doesn't affect the appearance of the model. E.g. you can crop photos, reduce the noise, change color balance but you must not add, erase or change any details.
6. Participants should not upload photos of their models to the Internet before the end of the Olympiad.
7. Send your results before 15.11.2014 to  
[origami2014olympiad@gmail.com](mailto:origami2014olympiad@gmail.com)

# Task №1

*You are always in my heart*

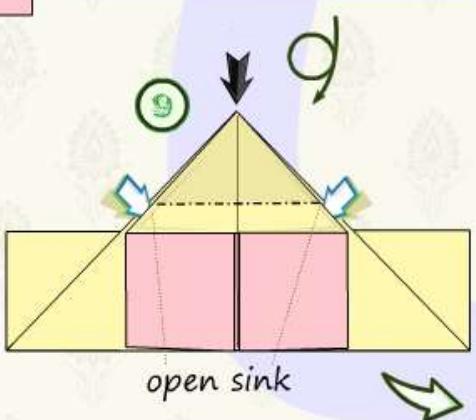
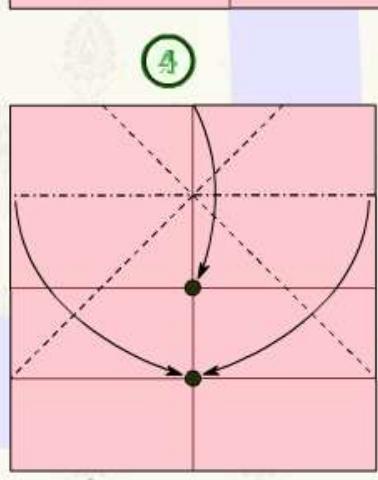
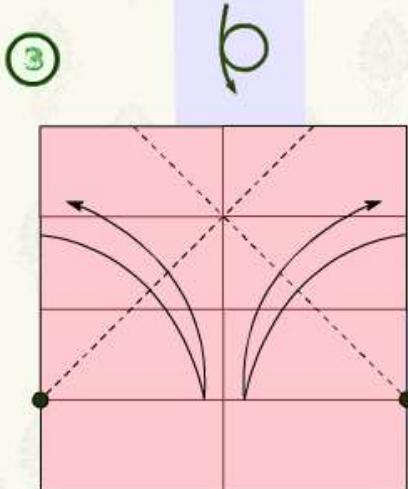
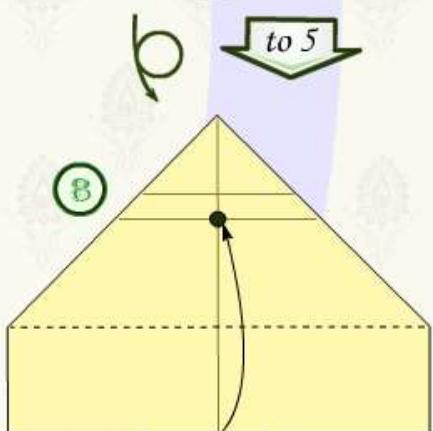
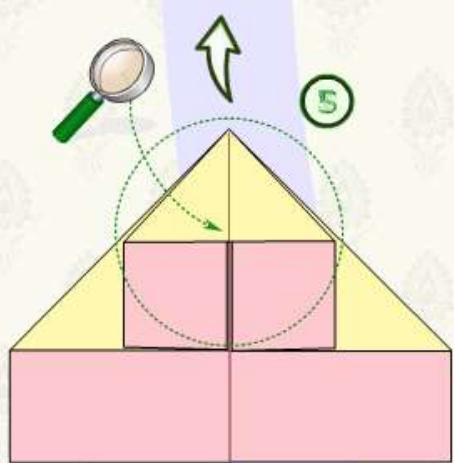
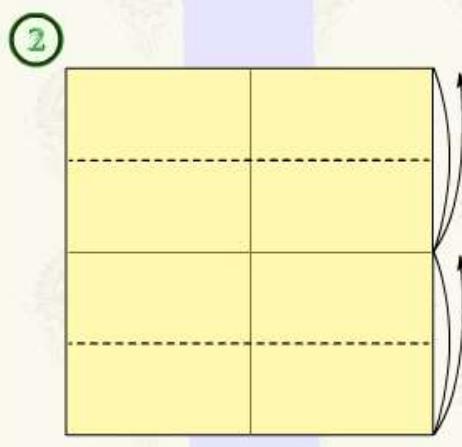
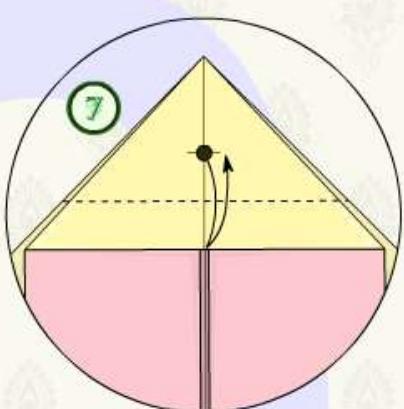
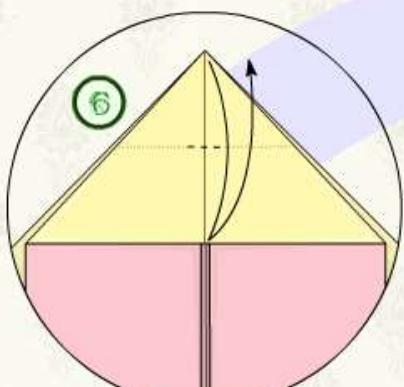
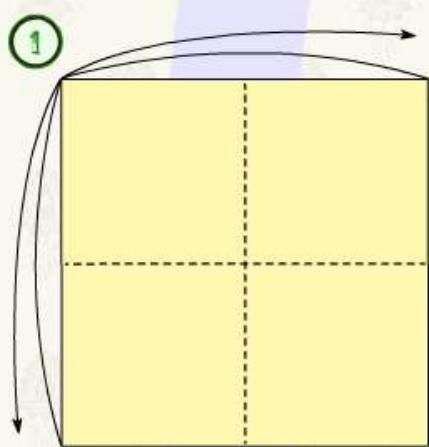
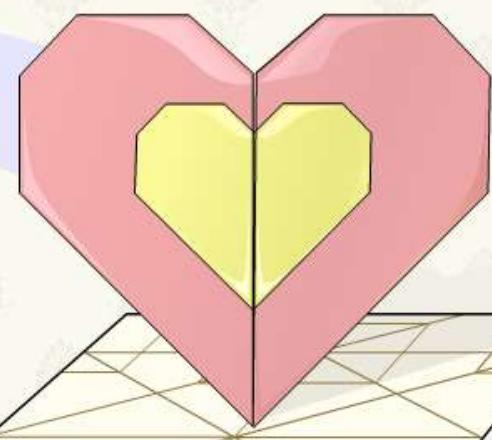
Designed by Andrey Lukyanov

Difficulty : \*\*\* -----

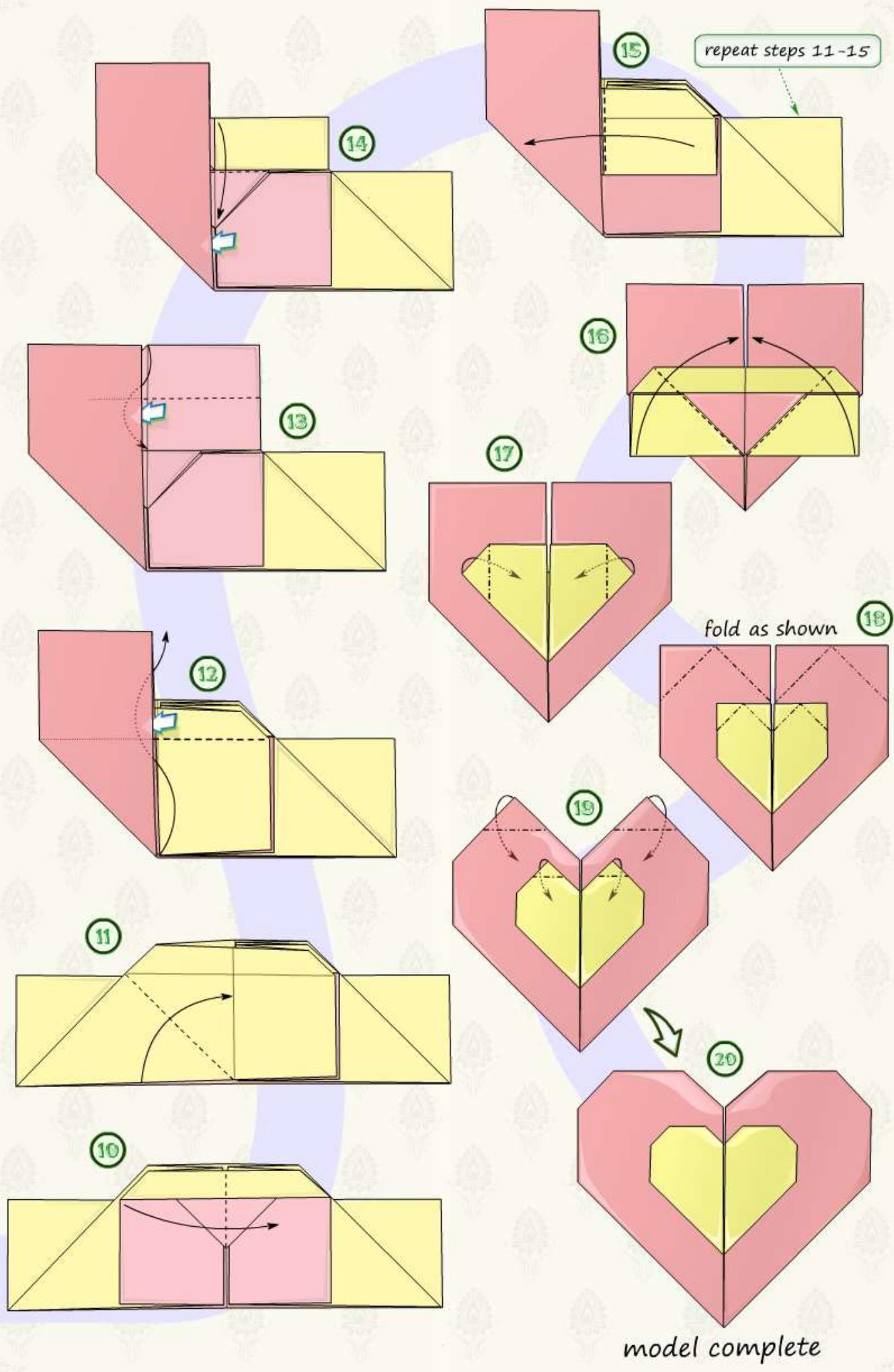
Paper : 40 g/m<sup>2</sup>

Paper size : 20 x 20 cm

Max score : 3 points



fold as shown



# Task №2 Hedgehog

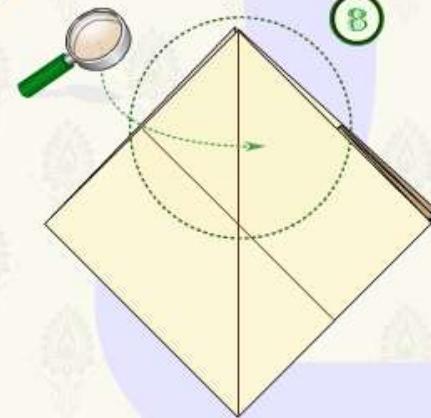
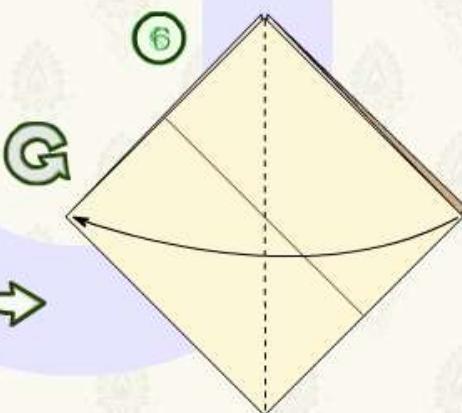
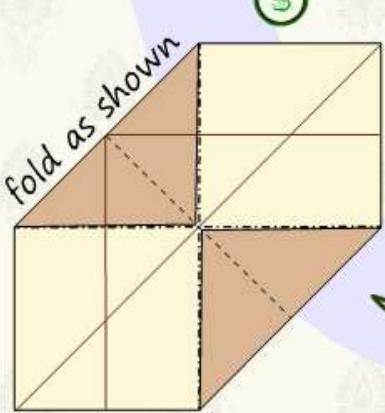
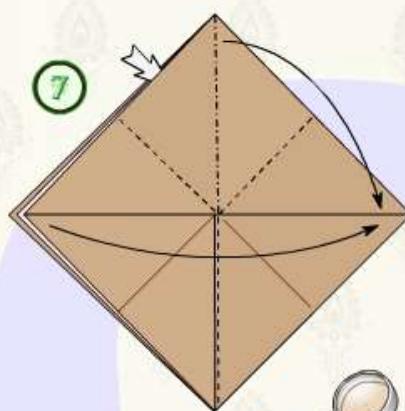
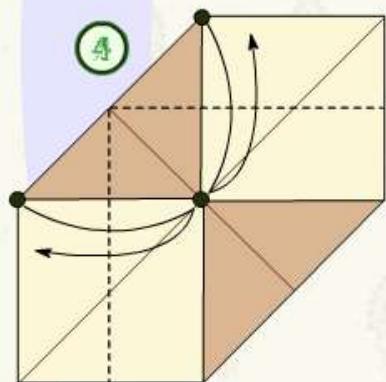
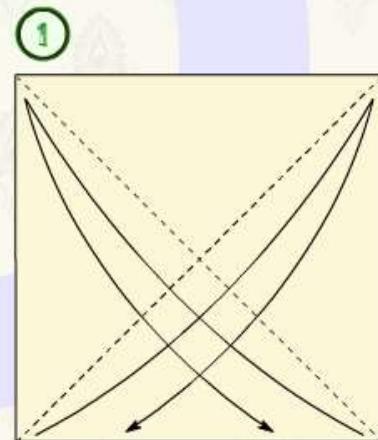
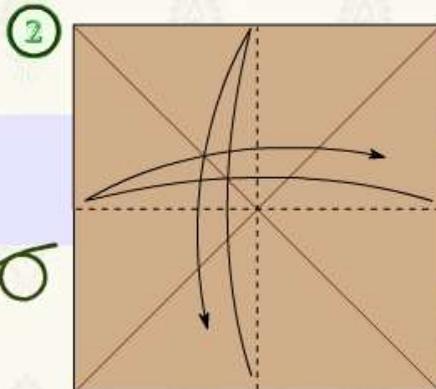
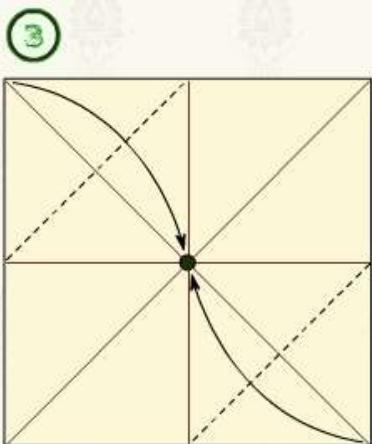
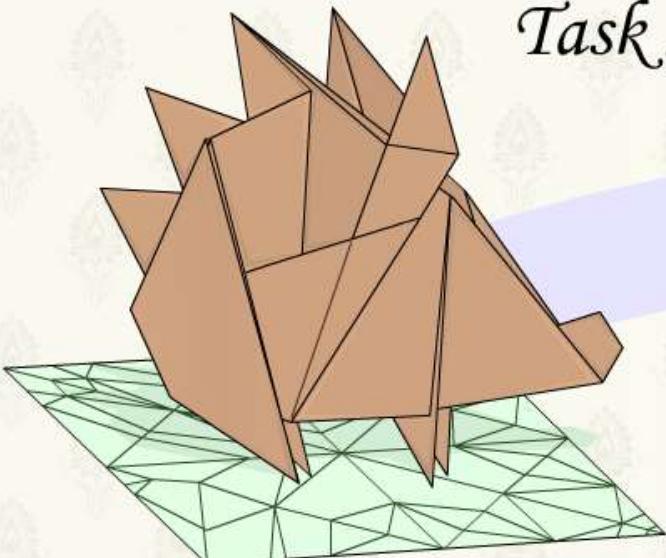
Designed by Sergey Yartsev

Difficulty : \*\*\*\*\* -----

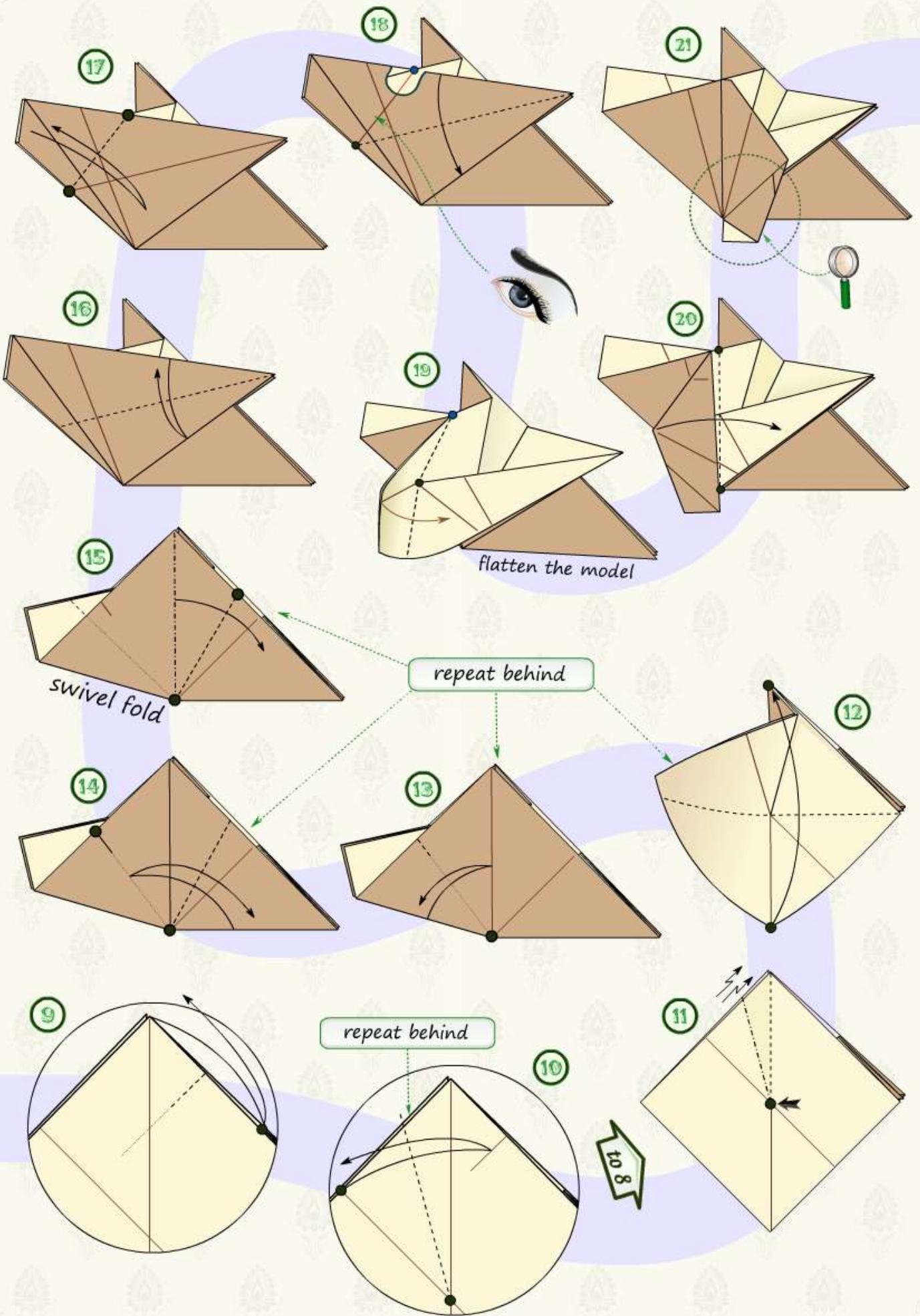
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Paper size : 30 x 30 cm

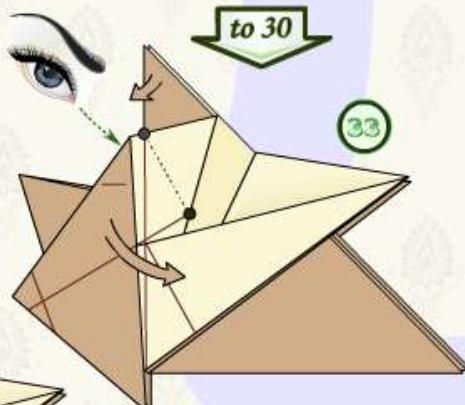
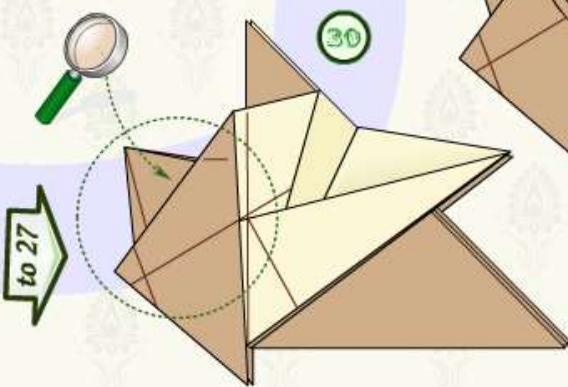
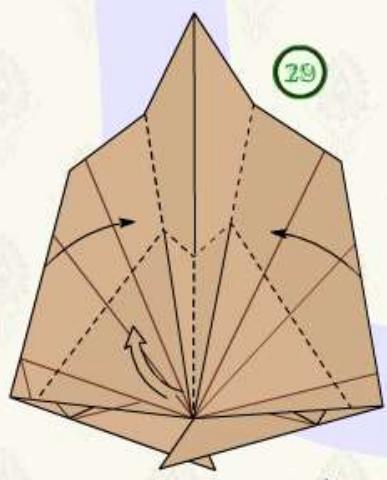
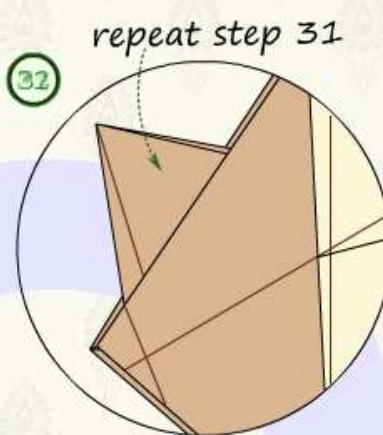
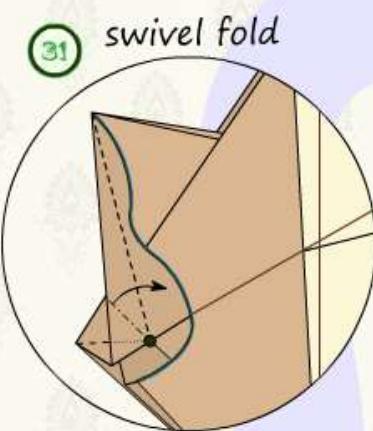
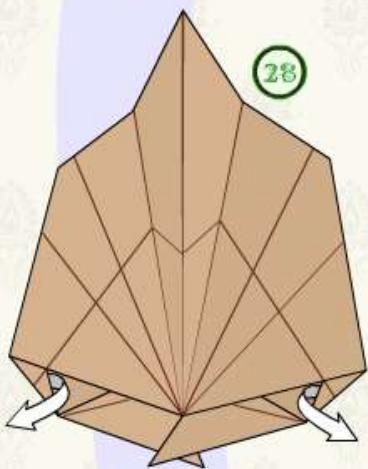
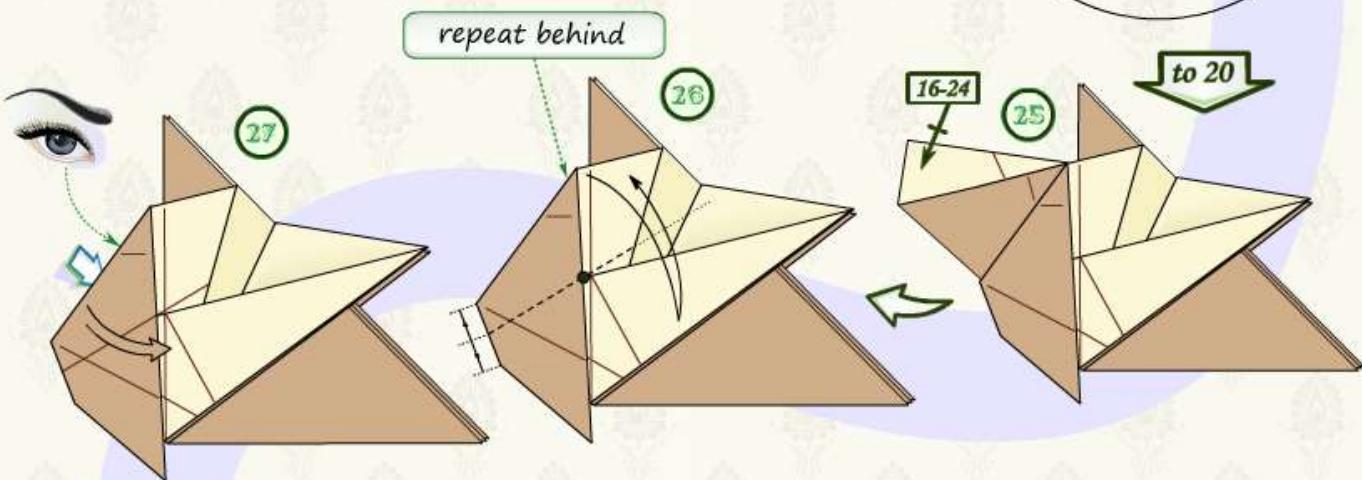
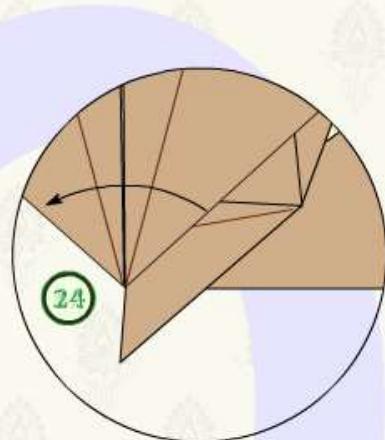
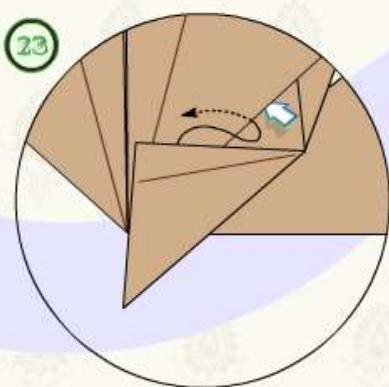
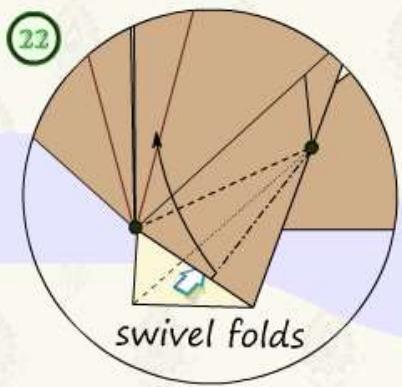
Max score : 5 points



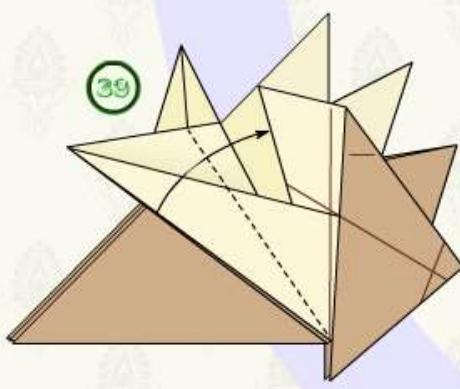
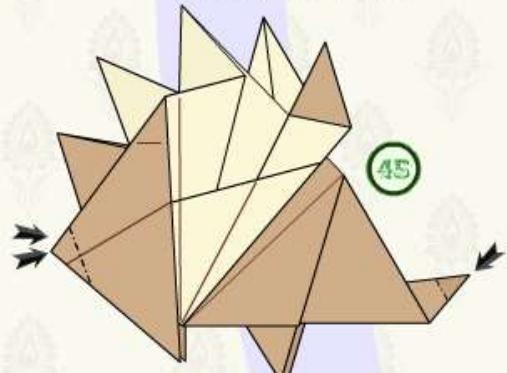
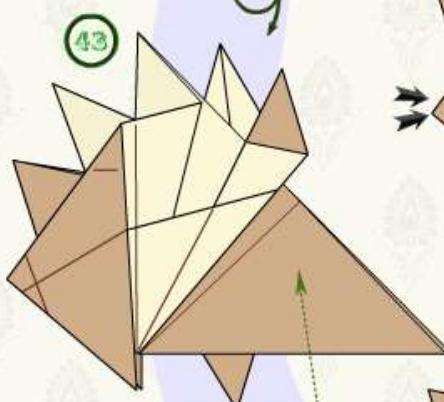
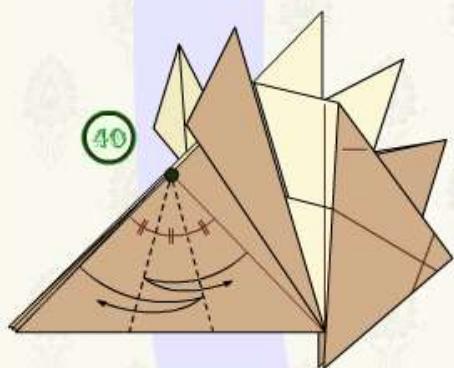
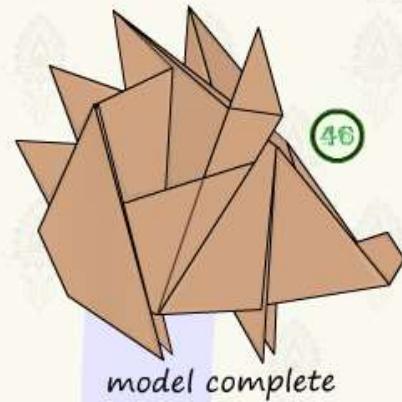
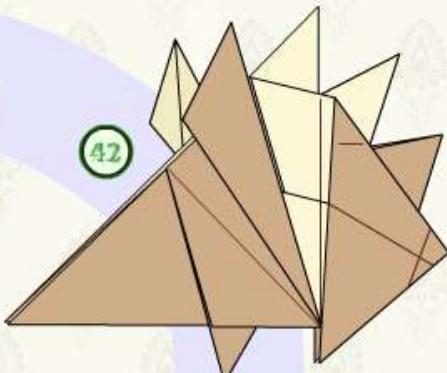
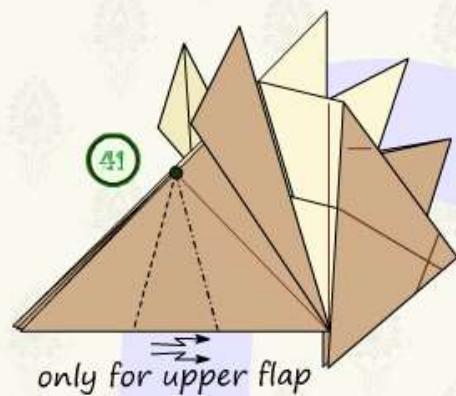
# Hedgehog



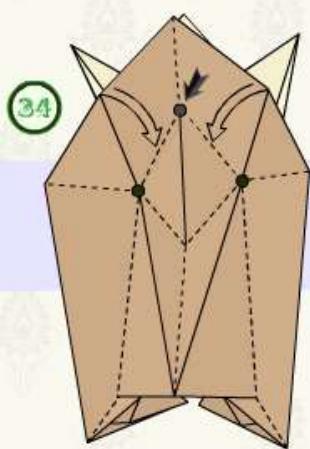
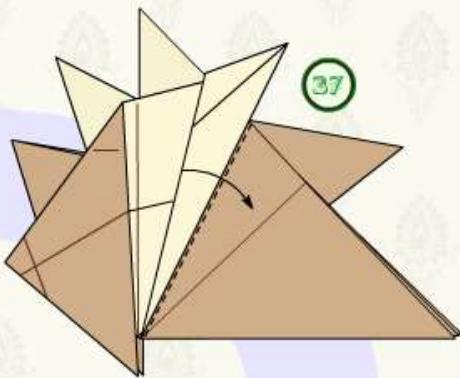
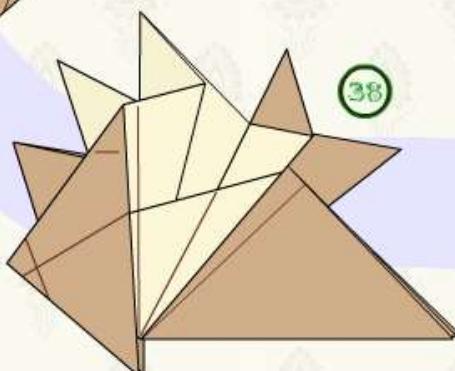
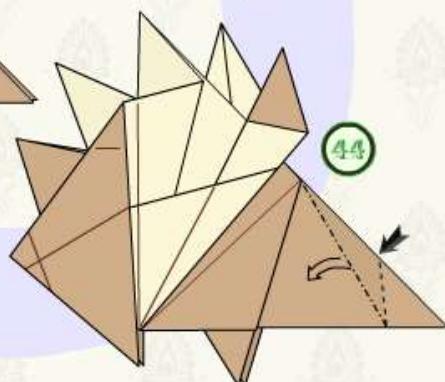
# Hedgehog



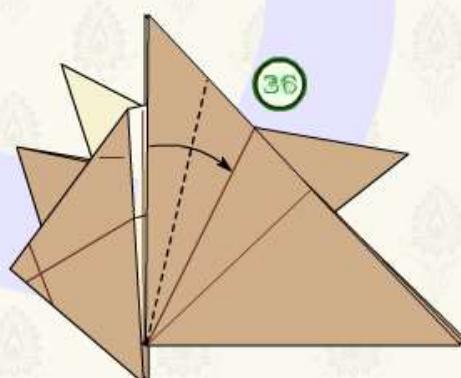
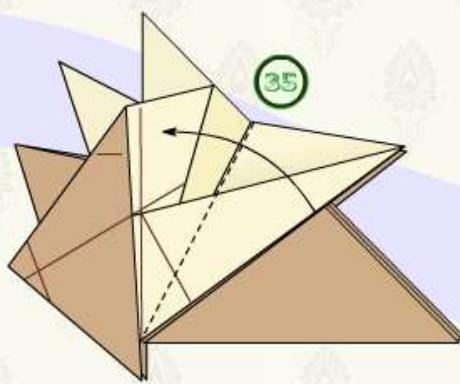
assemble using the existing  
crease lines as shown



repeat steps 40-41



assemble using the existing  
crease lines as shown



*Unicorn*

Designed by Andrey Ermakov

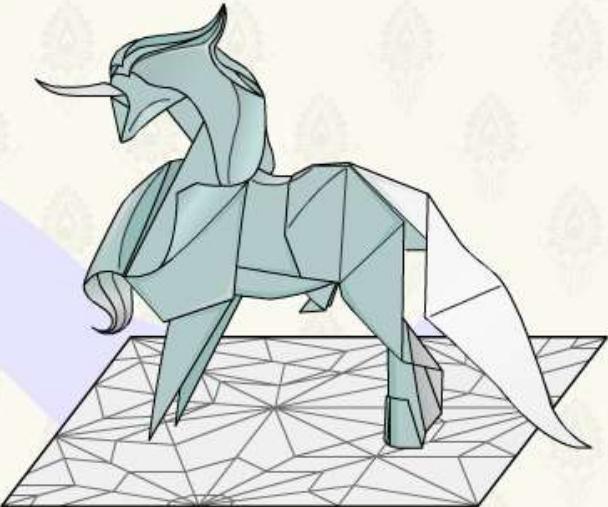
## Task №3

Difficulty : \*\*\*\*\* -----

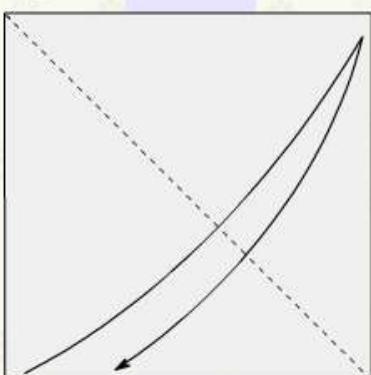
Paper : 40 g/m<sup>2</sup>

Paper size : 50 x 50 cm

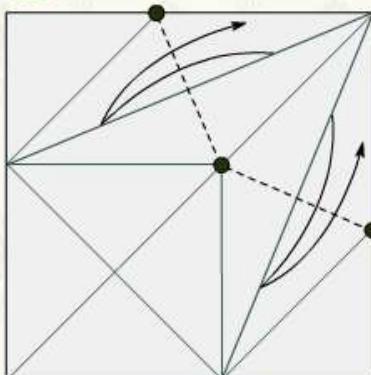
Max score : 7 points



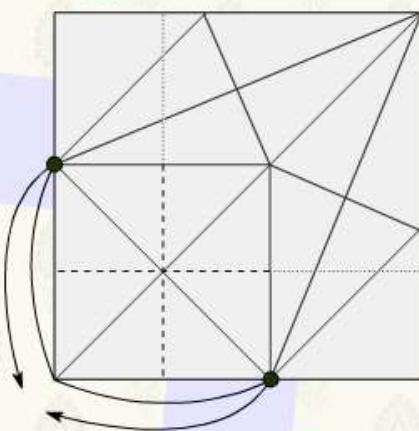
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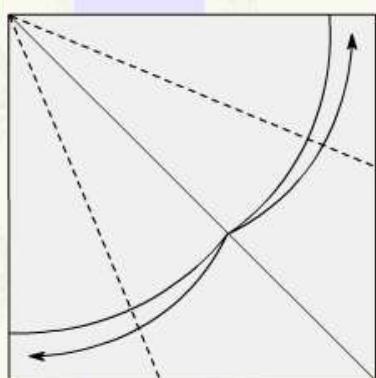
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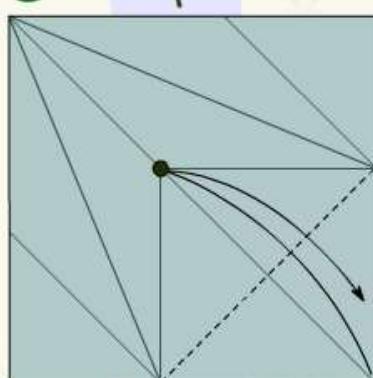
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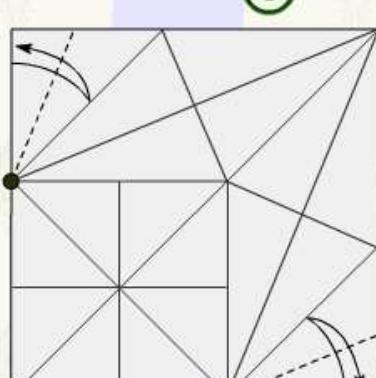
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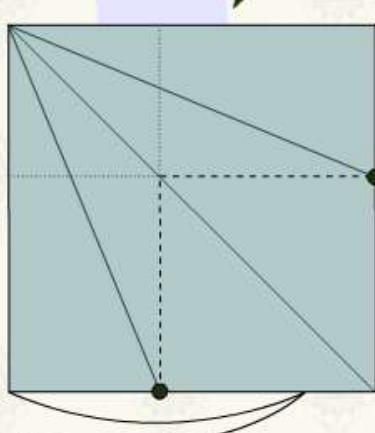
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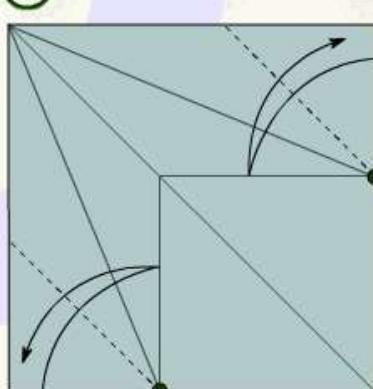
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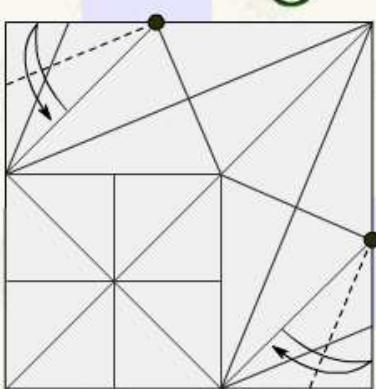
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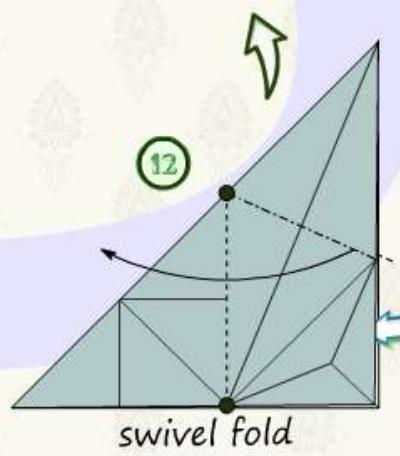
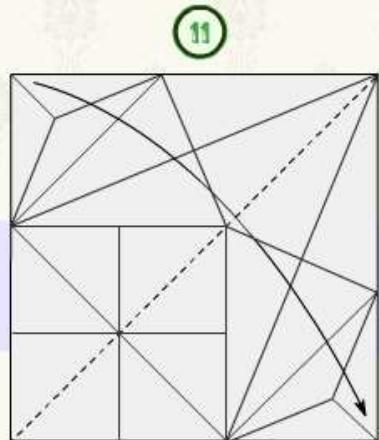
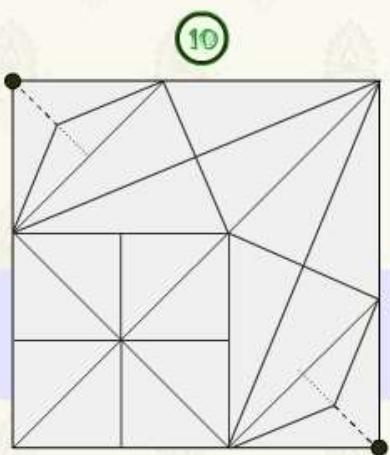
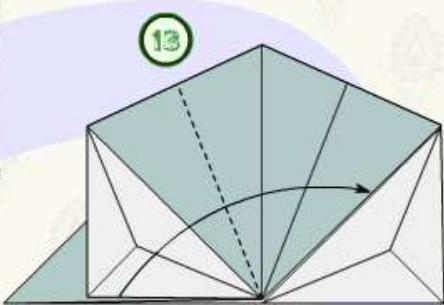
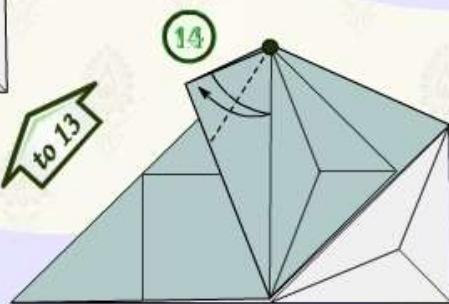
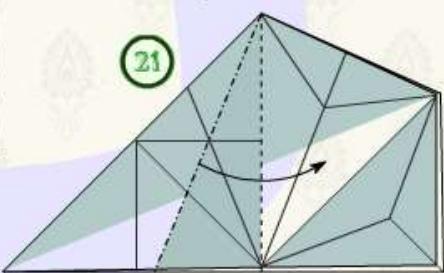
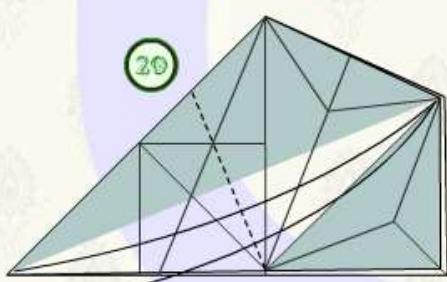
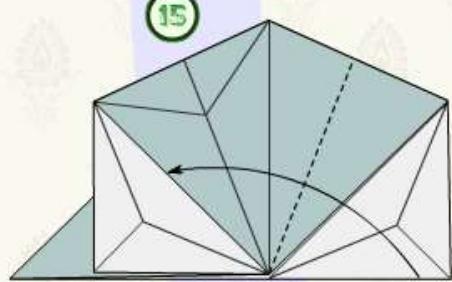
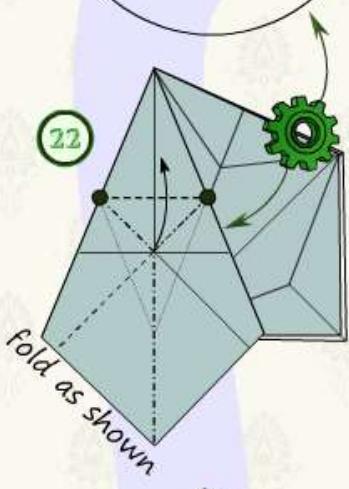
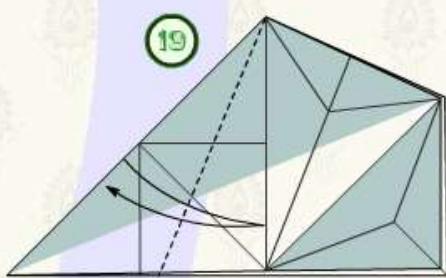
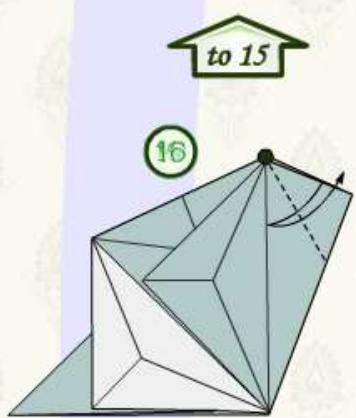
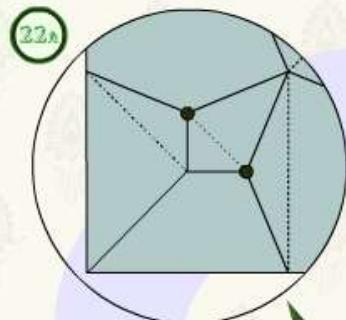
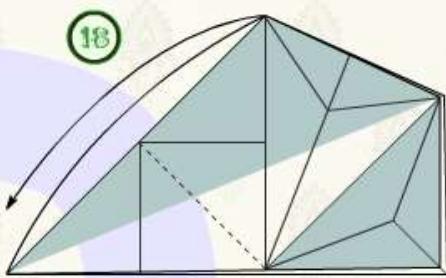
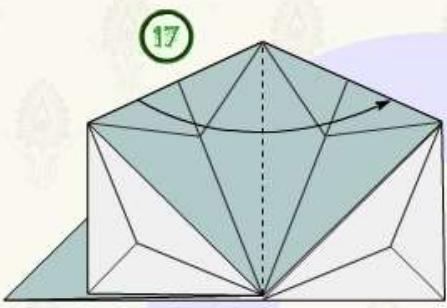


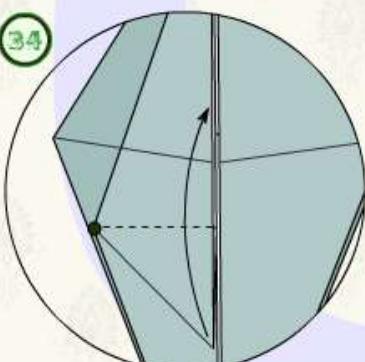
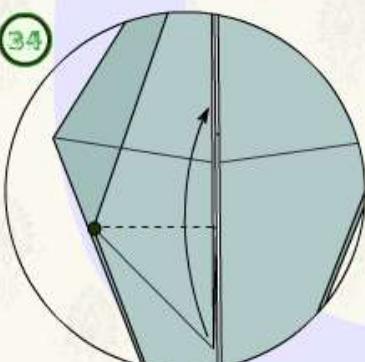
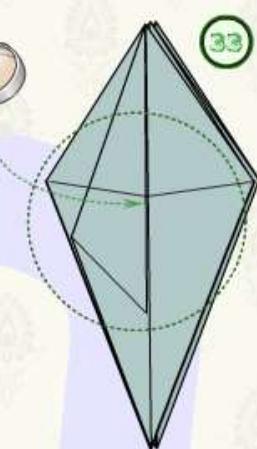
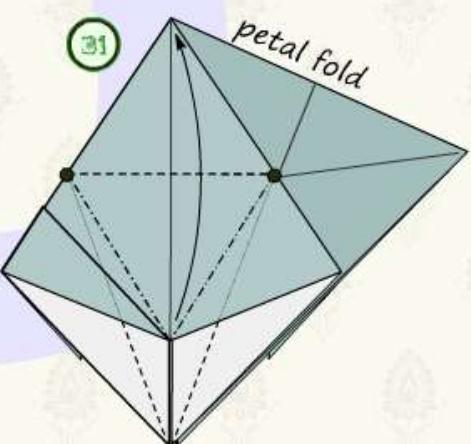
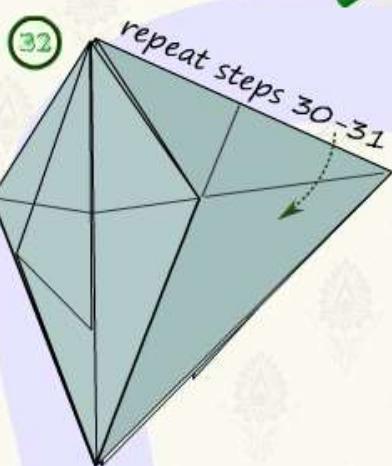
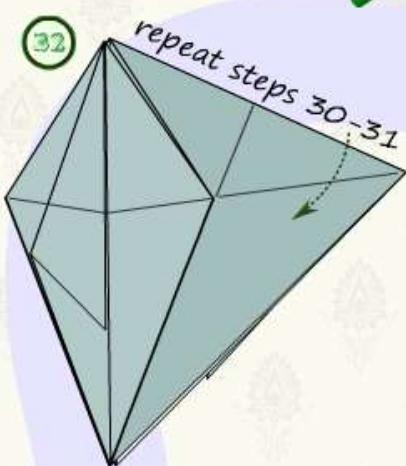
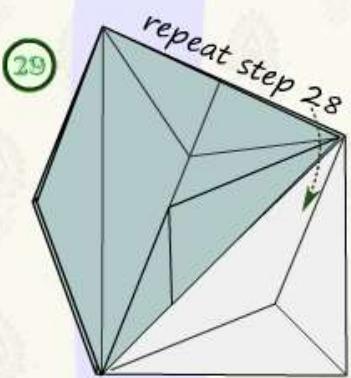
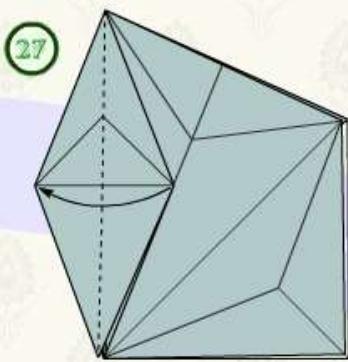
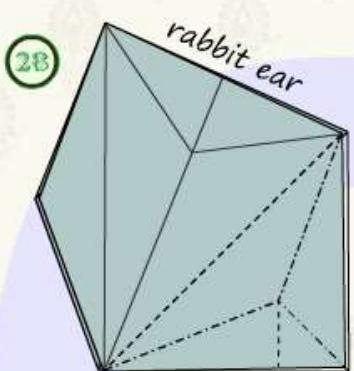
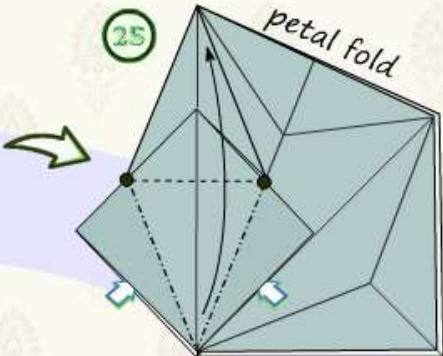
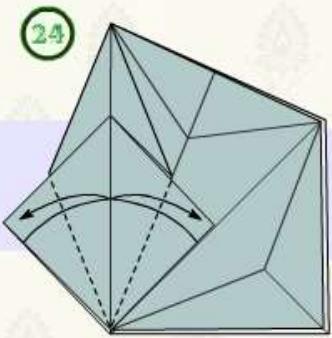
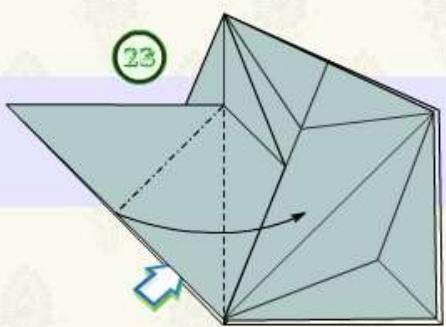
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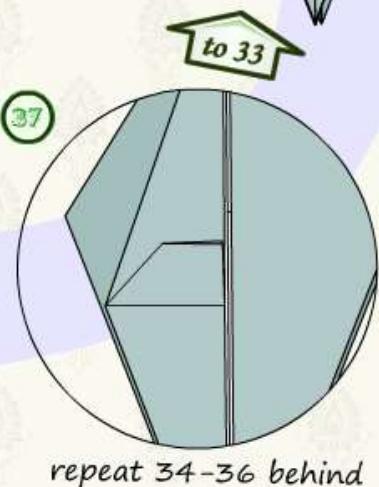
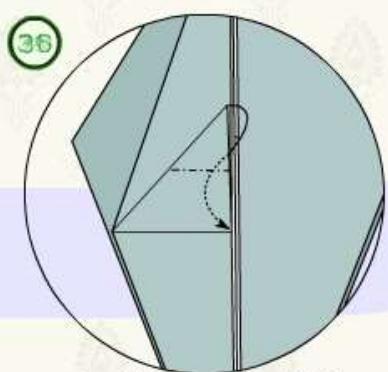
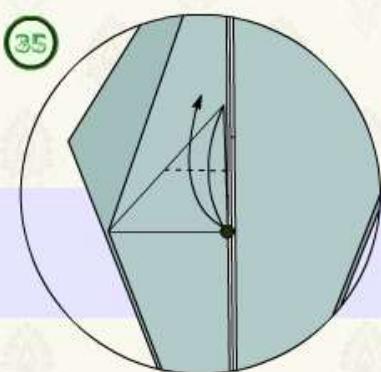
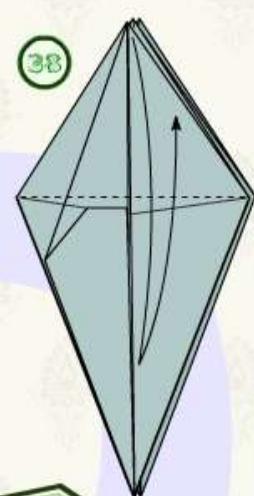
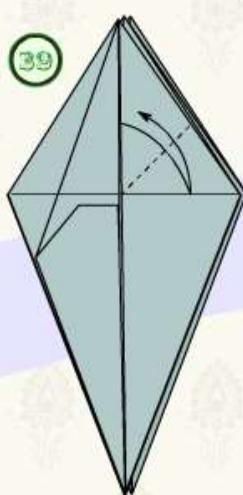
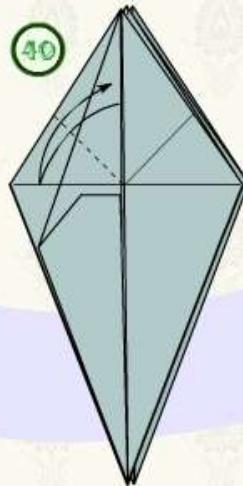
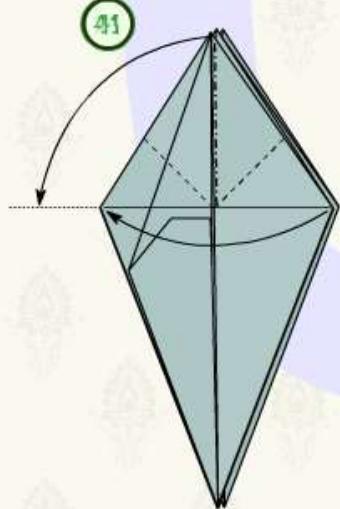
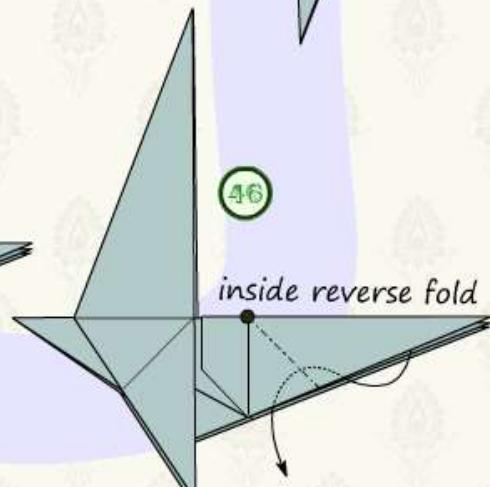
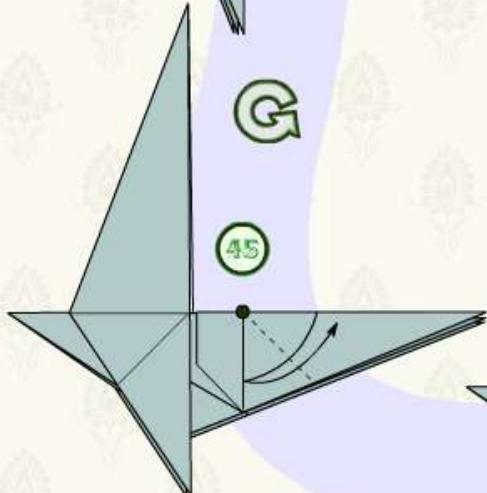
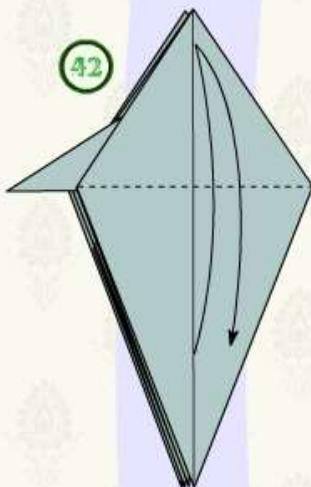
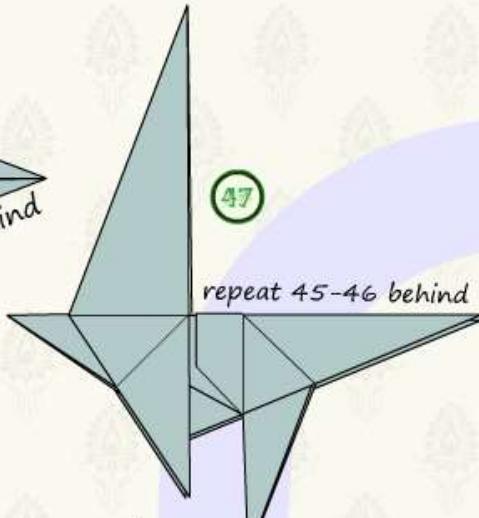
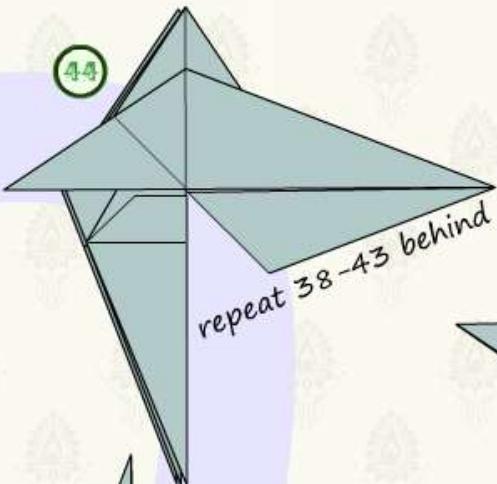
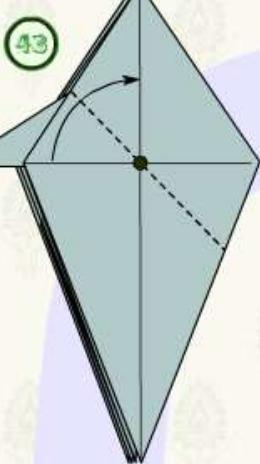


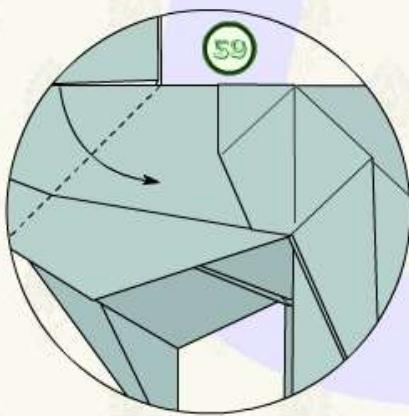
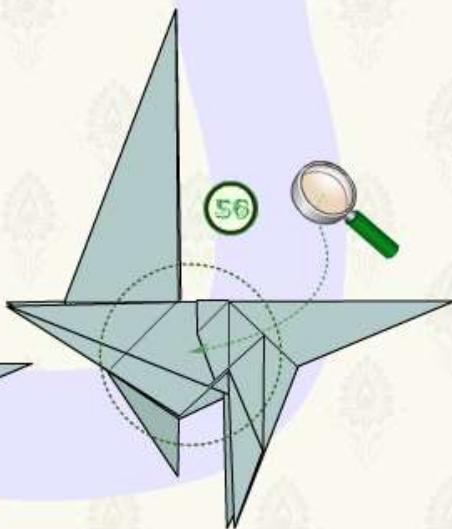
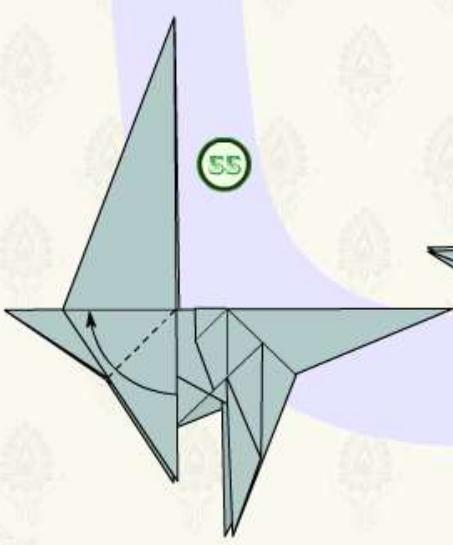
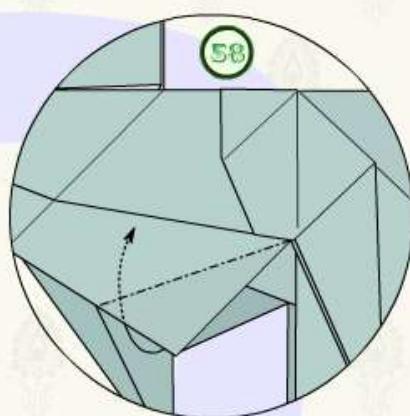
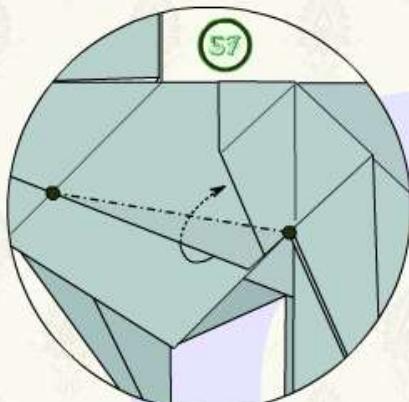
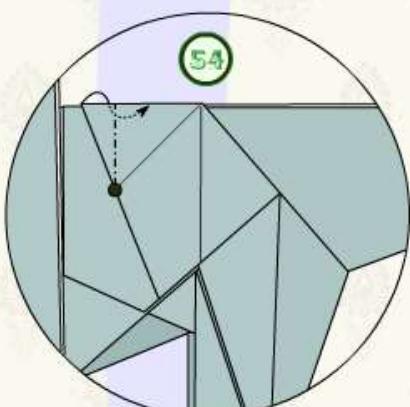
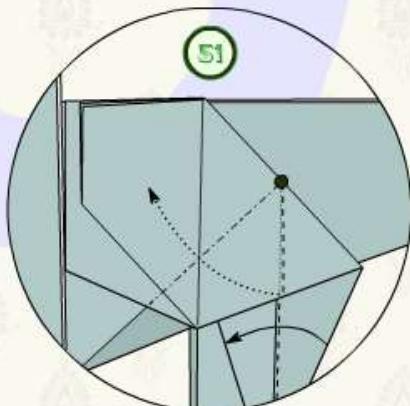
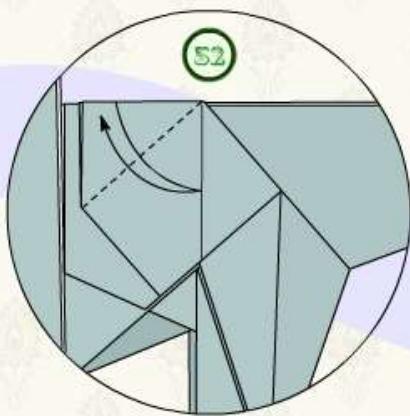
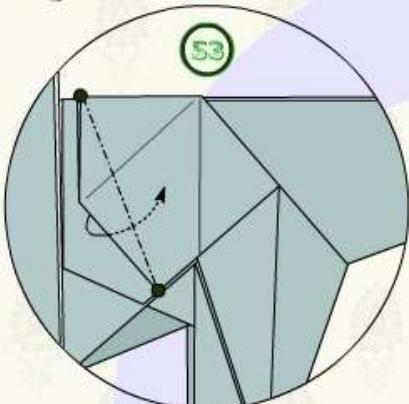
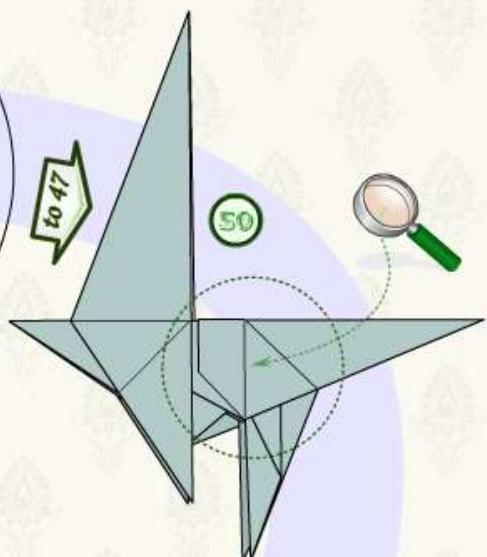
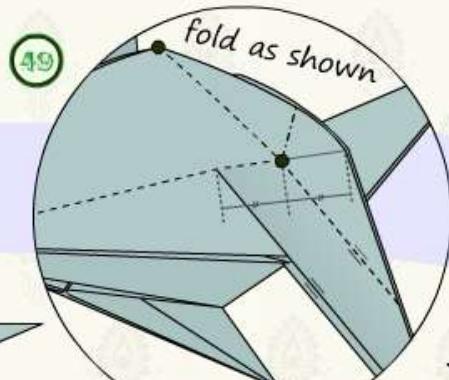
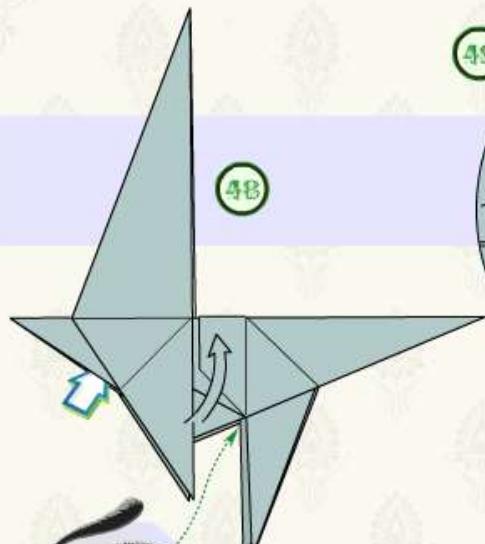
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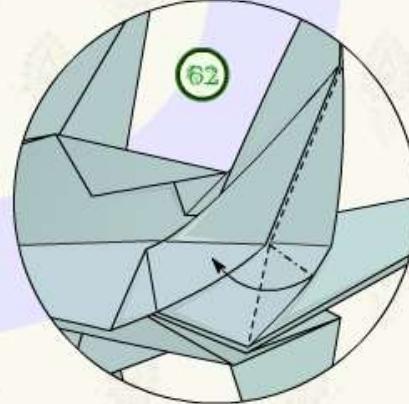
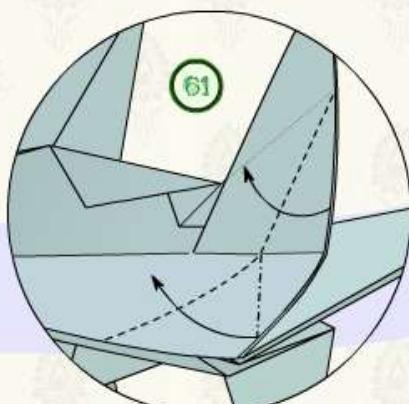
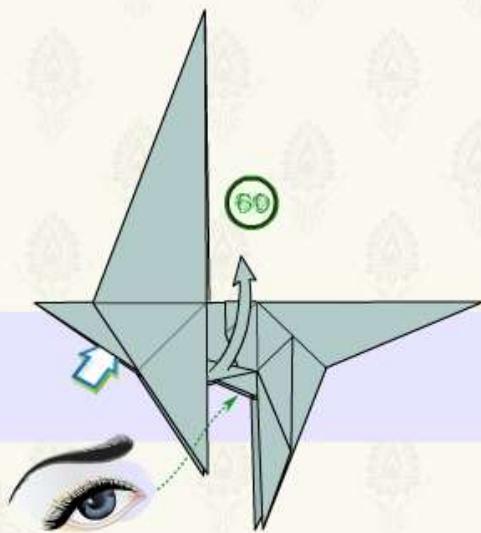
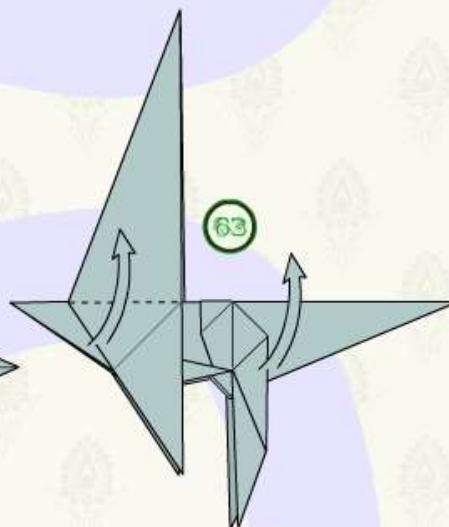
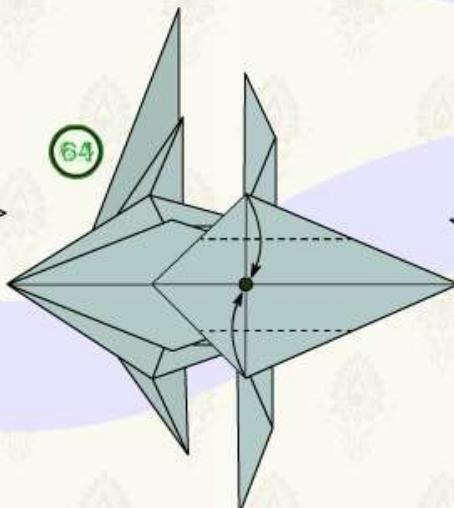
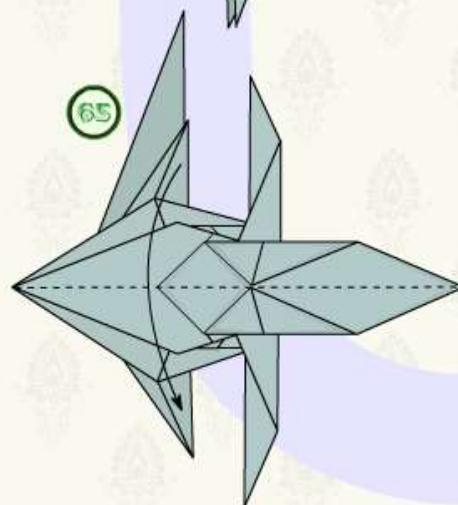
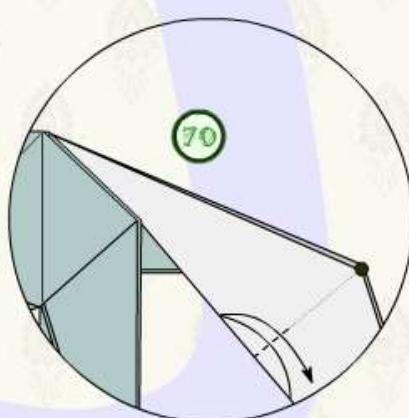
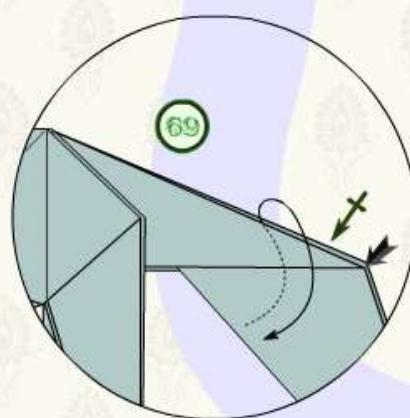
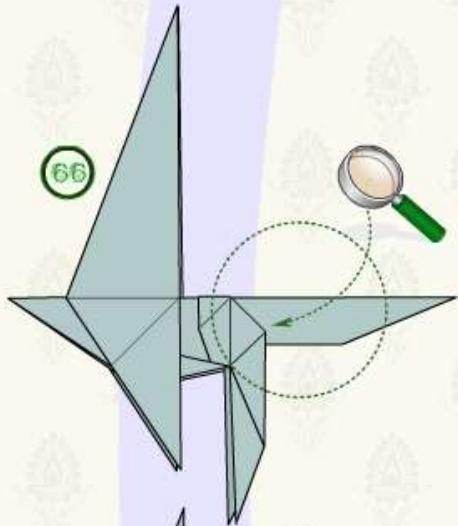
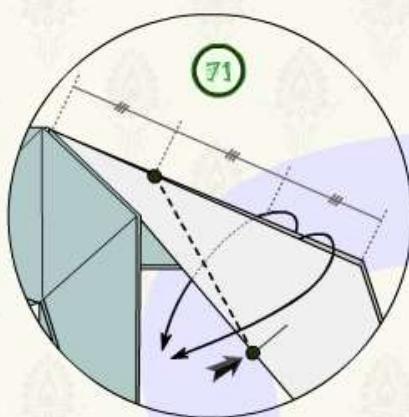
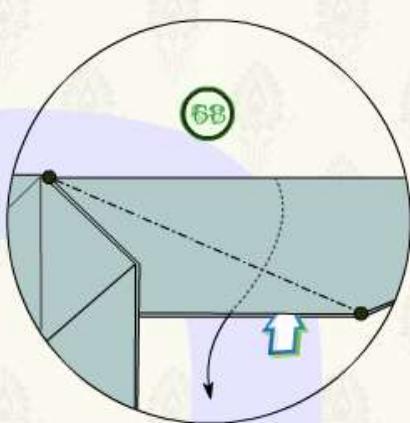
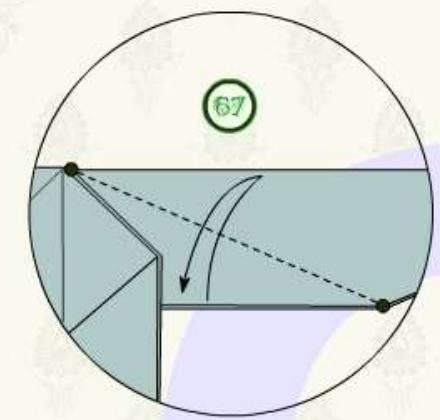




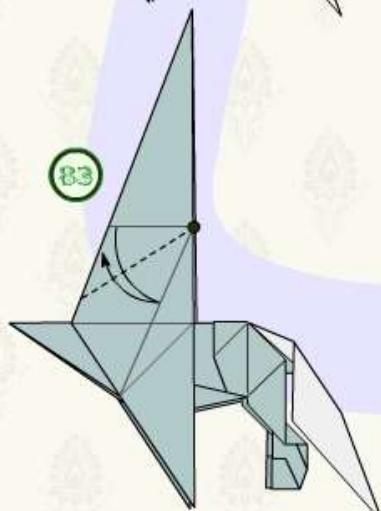
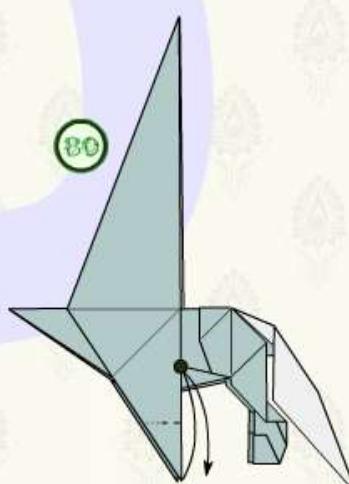
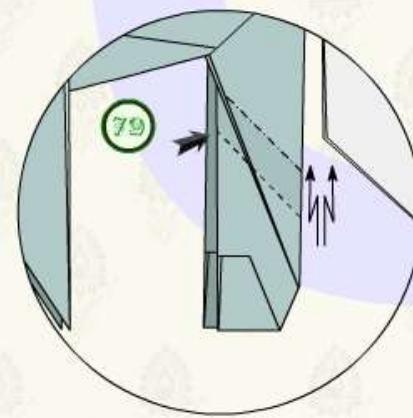
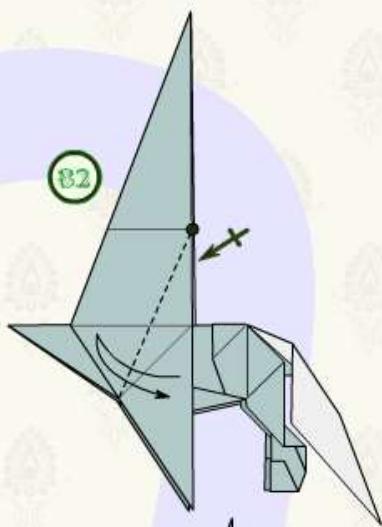
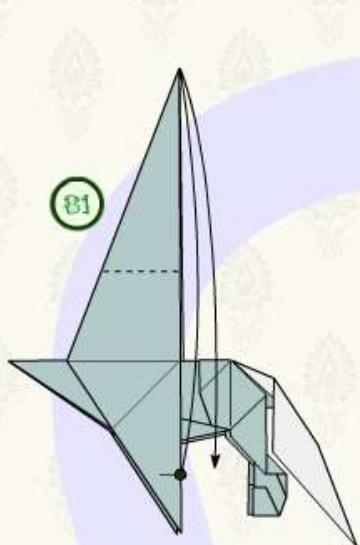
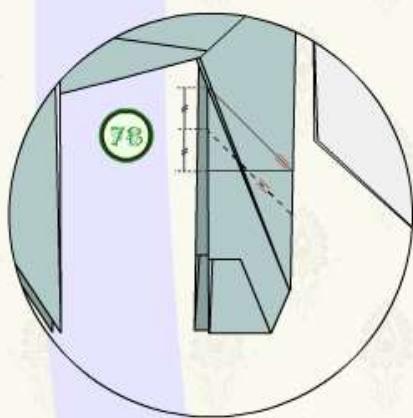
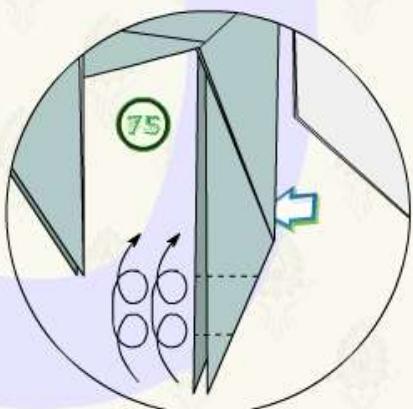
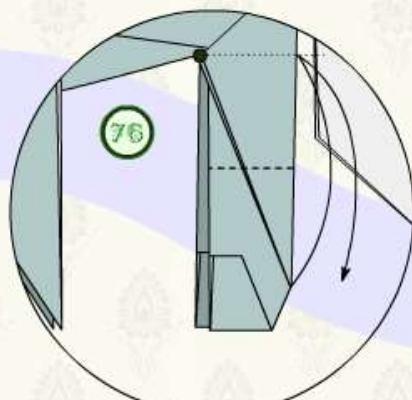
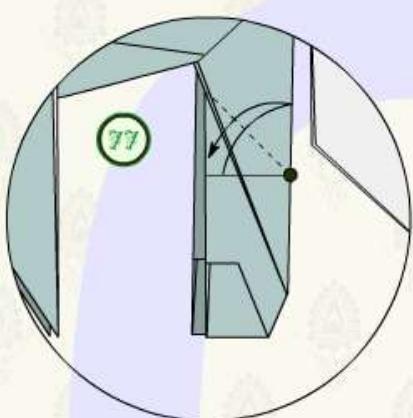
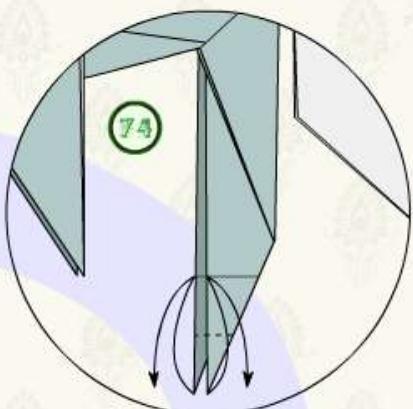
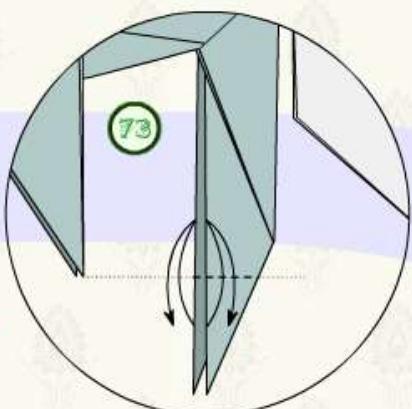
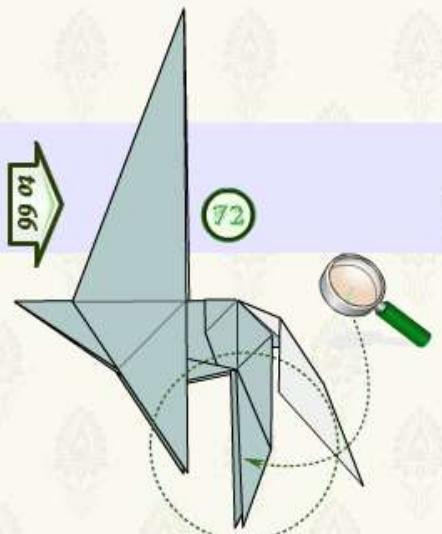




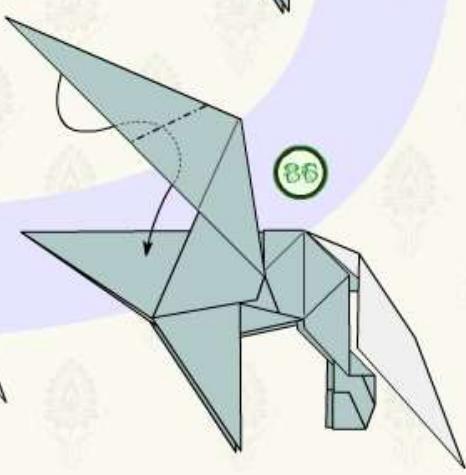
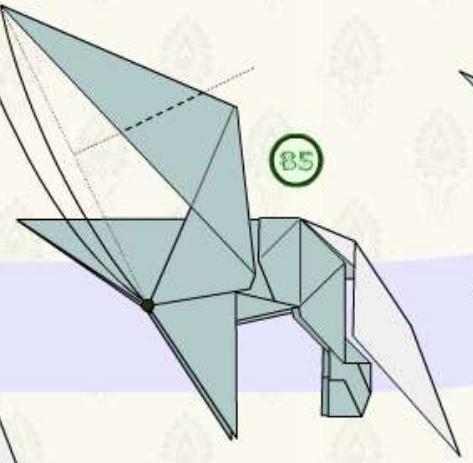
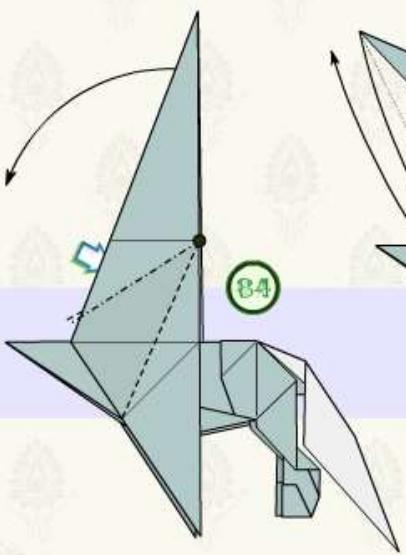
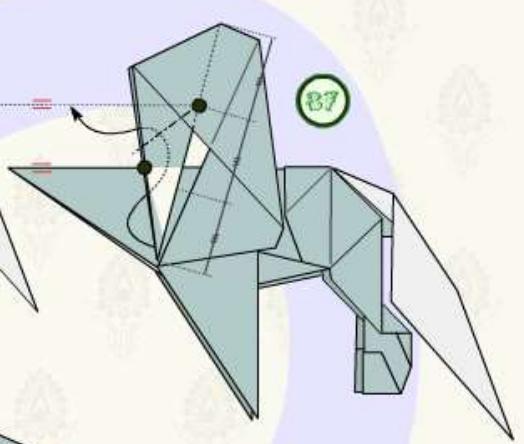
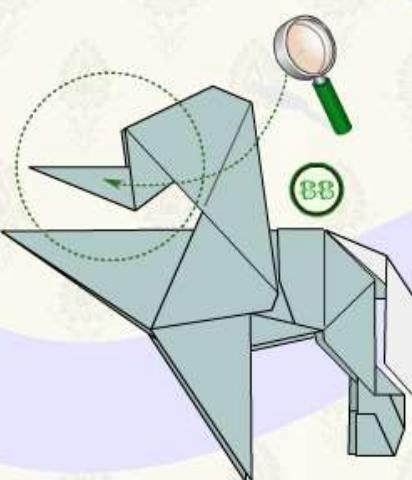
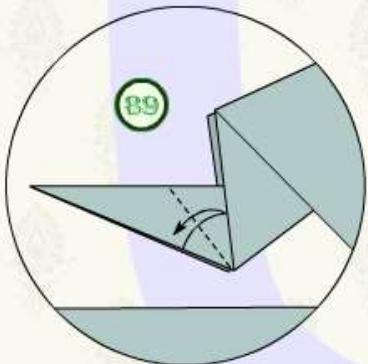
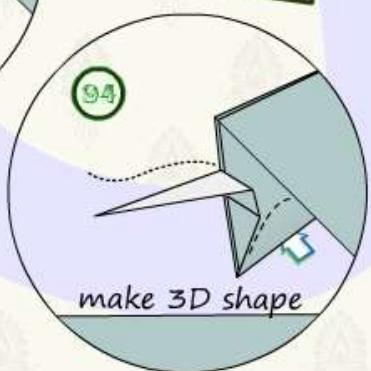
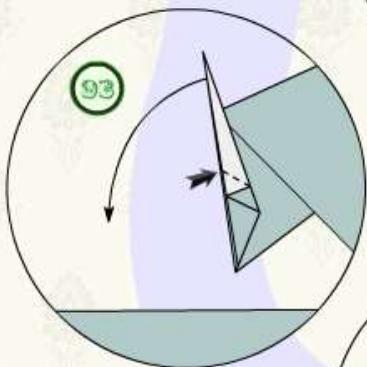
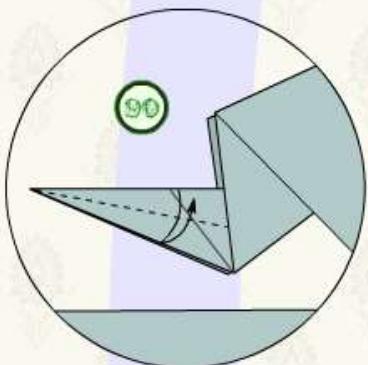
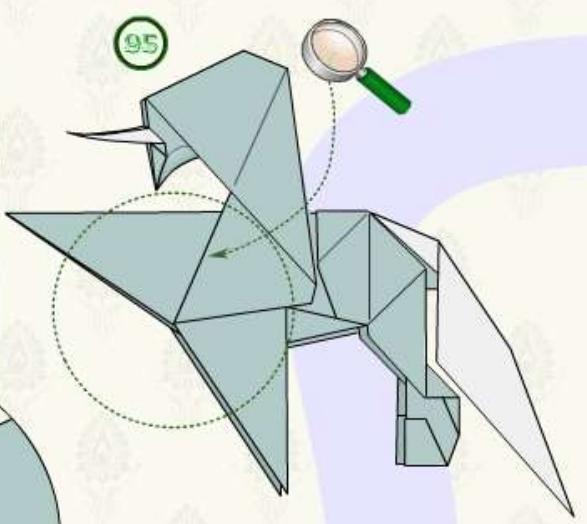
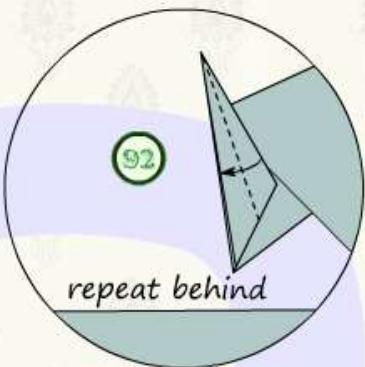
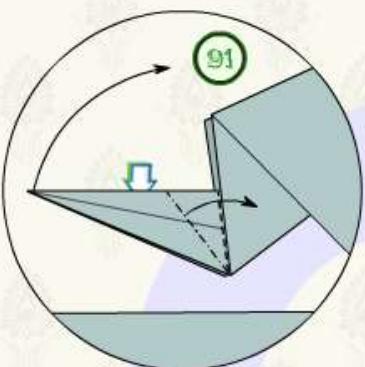
repeat steps 48-59 behind

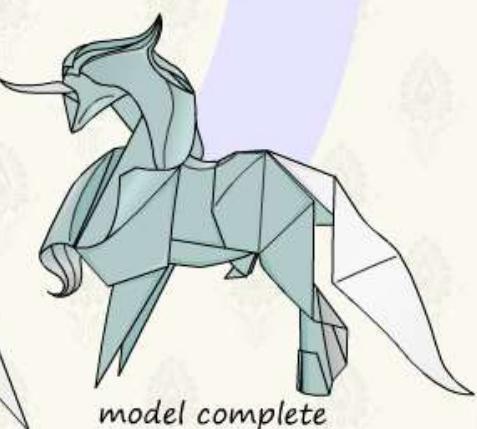
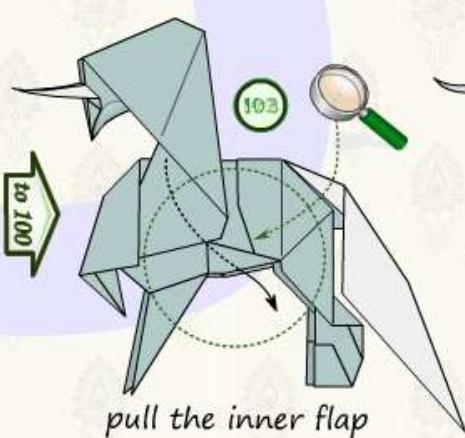
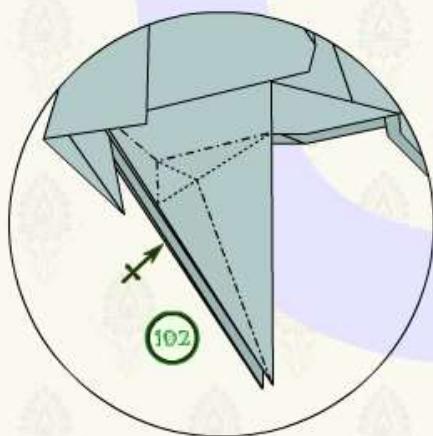
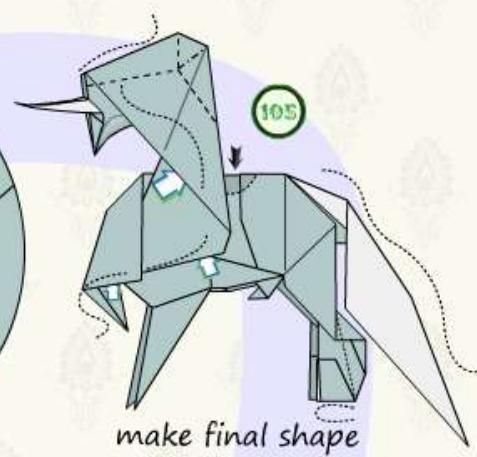
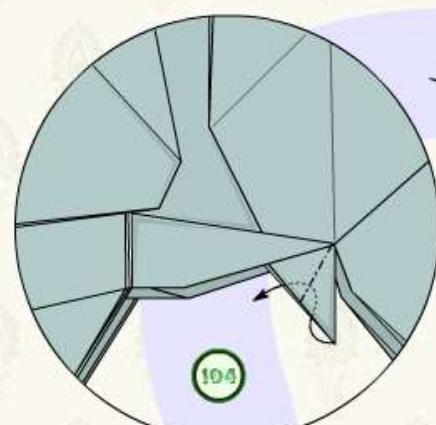
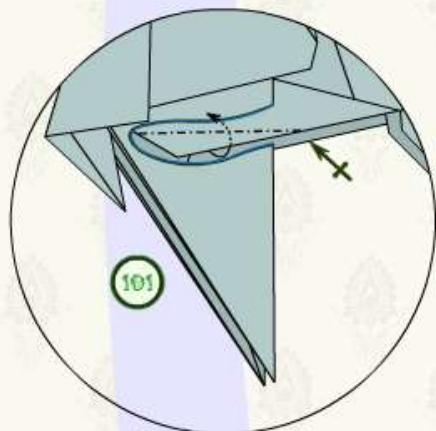
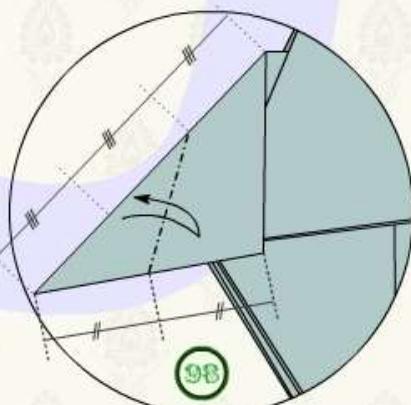
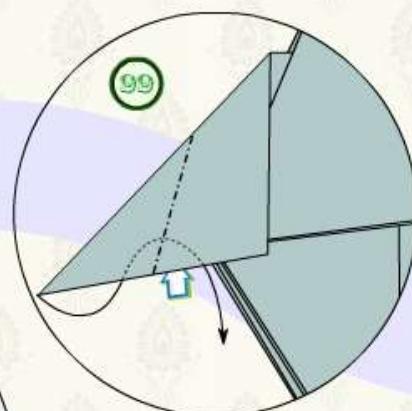
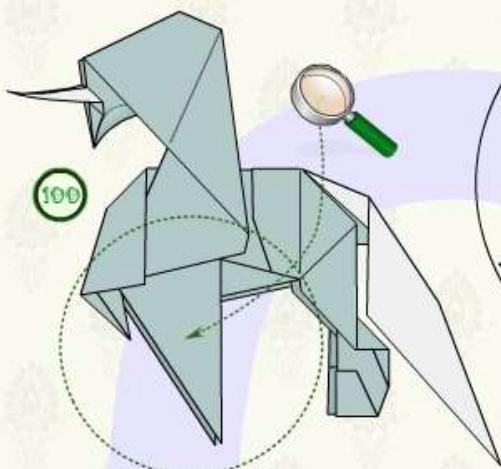
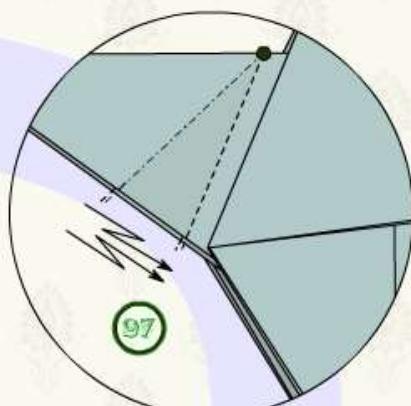
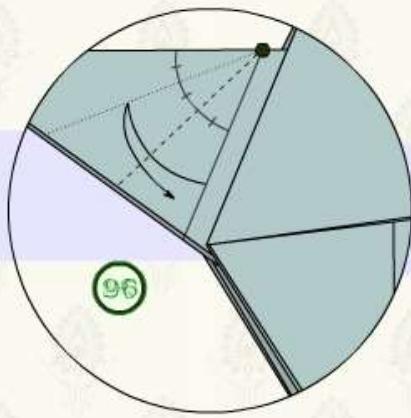
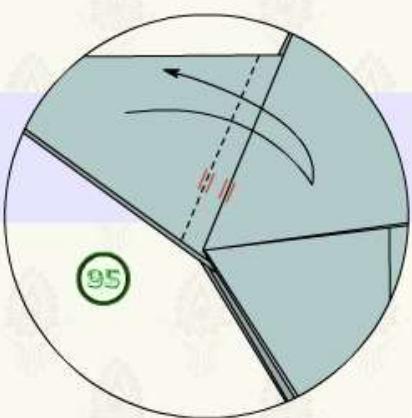


repeat steps 61-62 behind



repeat steps 76-79 behind





## Task №4

## Loaf

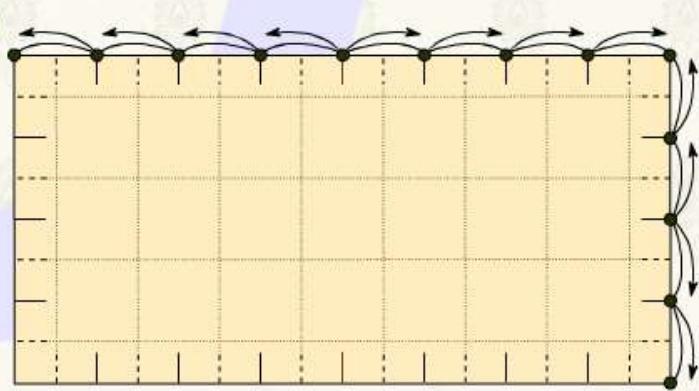
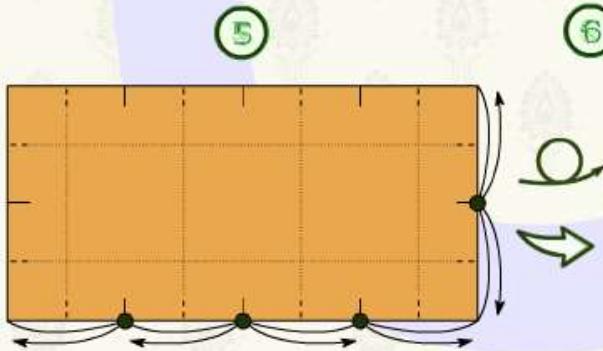
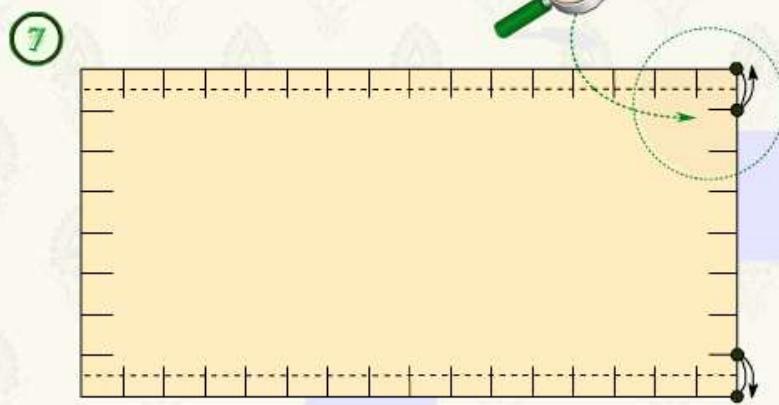
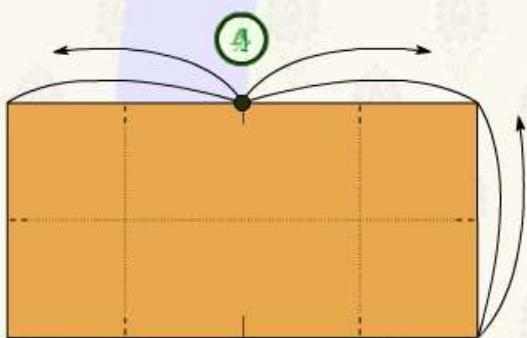
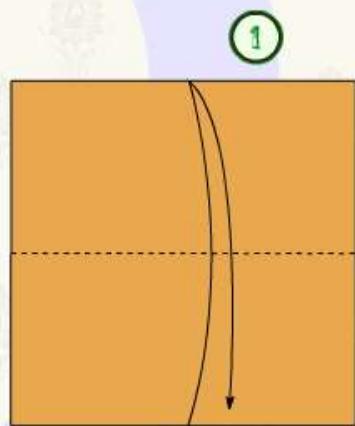
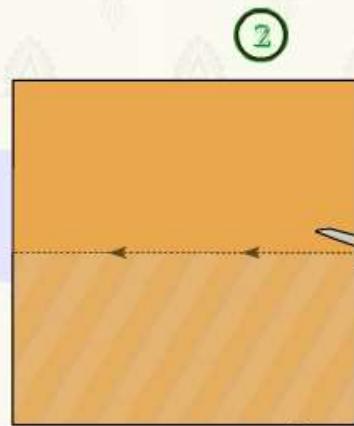
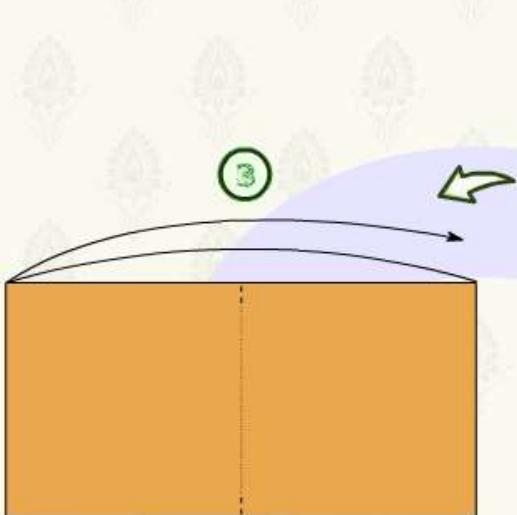
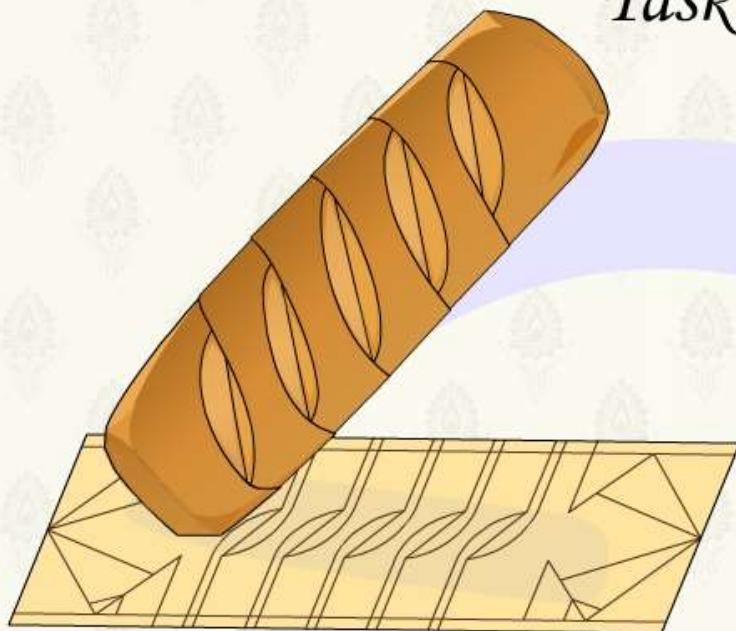
Designed by Dmitry Lysiuk

Difficulty : \*\*\*\*\* ---

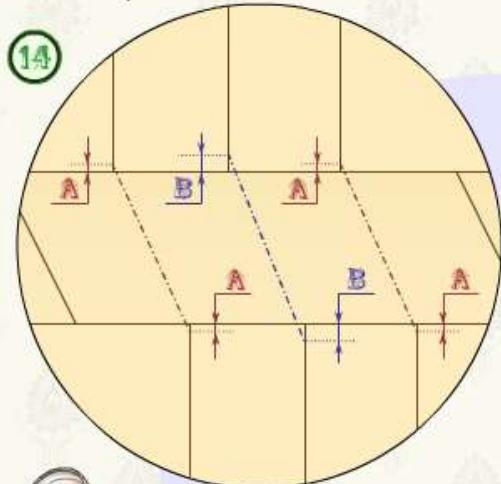
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Paper size : 40 x 40 cm

Max score : 9 points

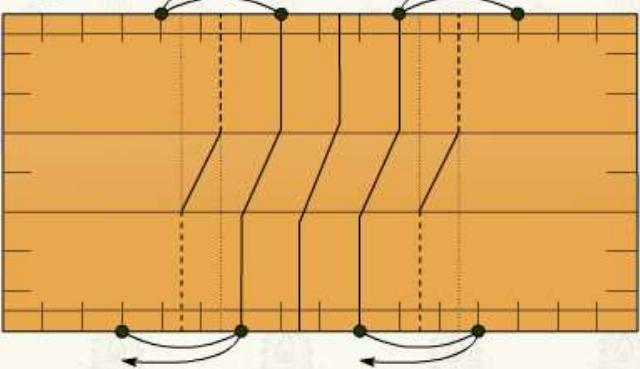


add precreases as shown

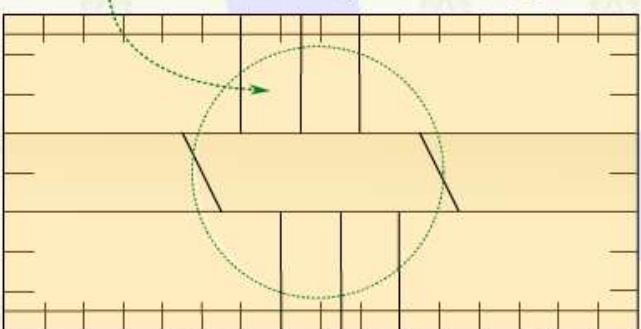


to 12

15

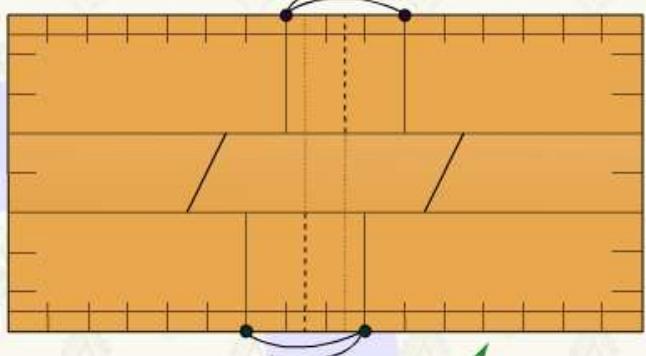


13



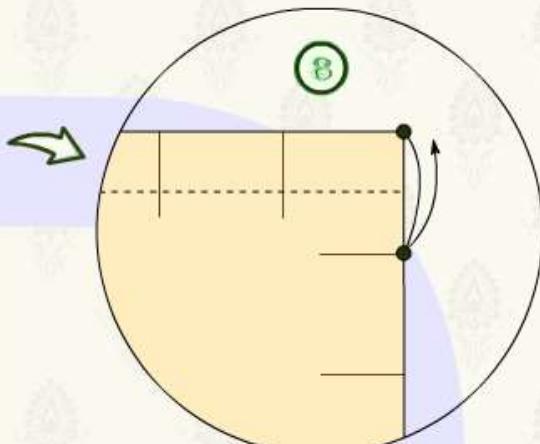
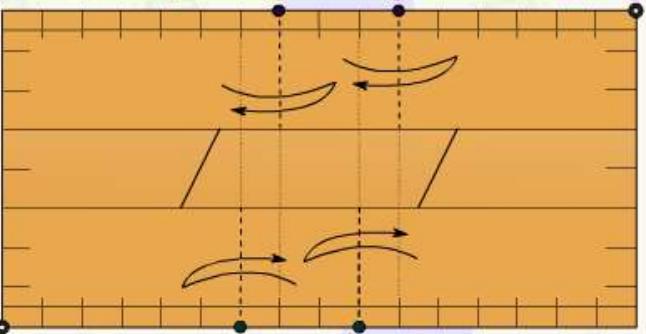
Q

12



add precreases

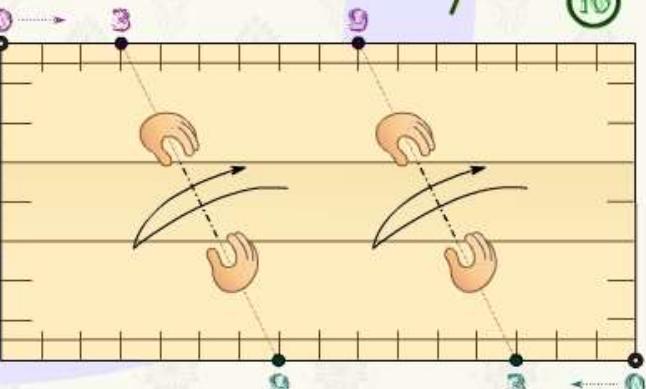
11



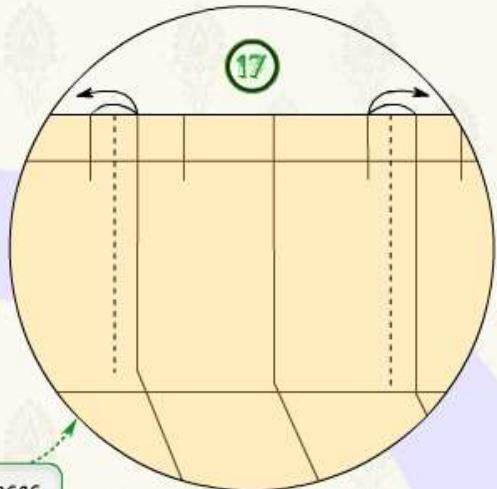
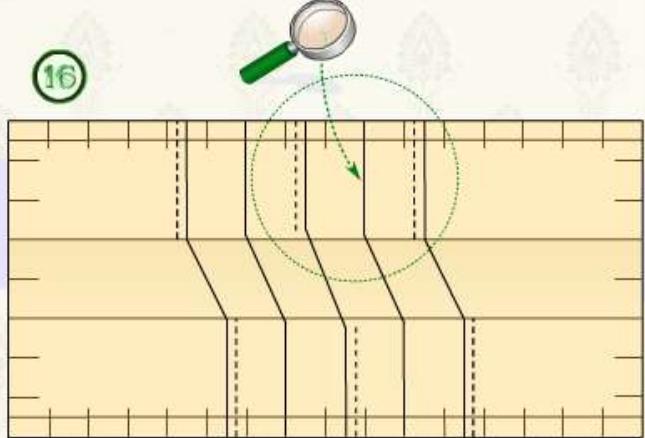
to 7



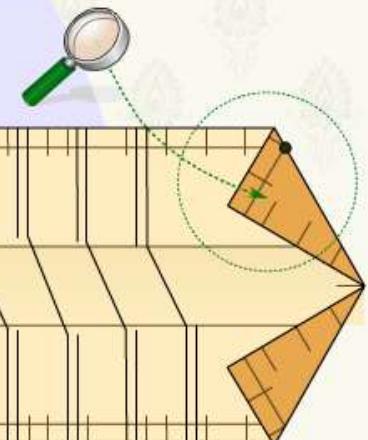
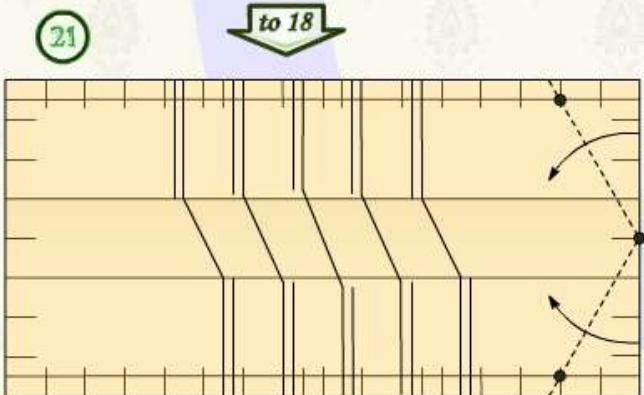
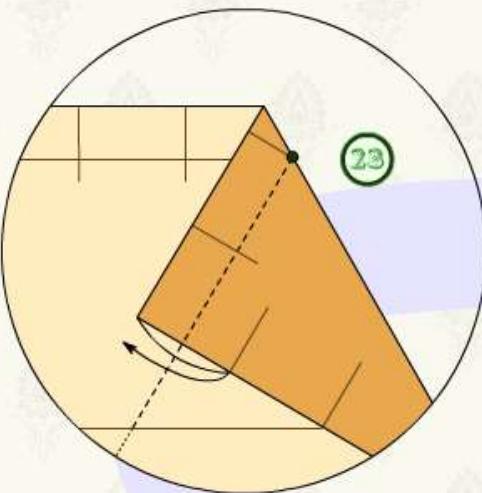
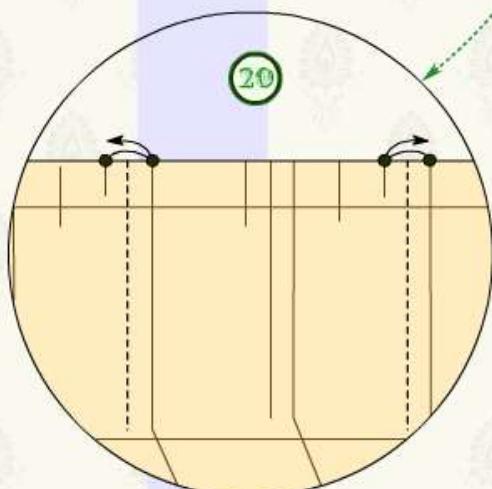
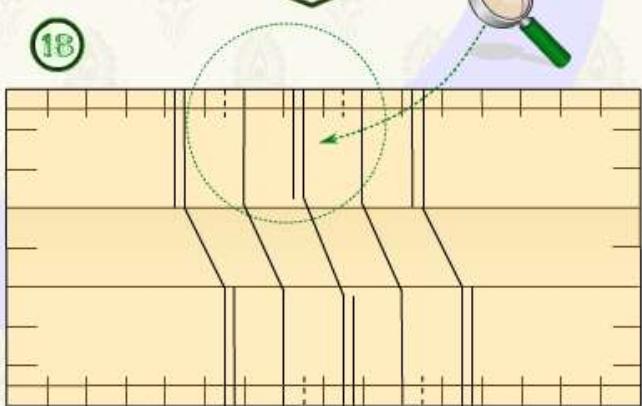
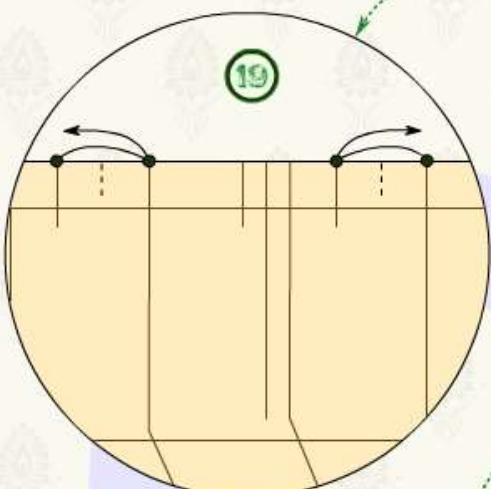
9



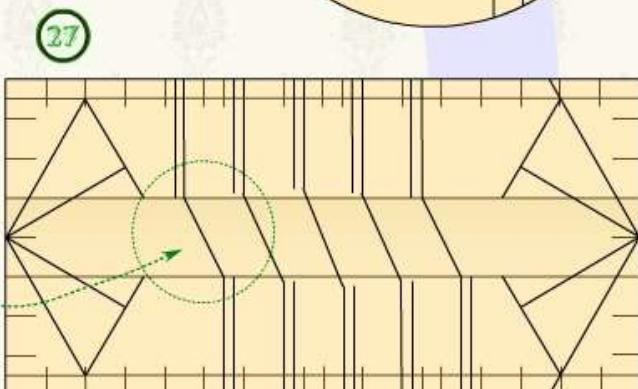
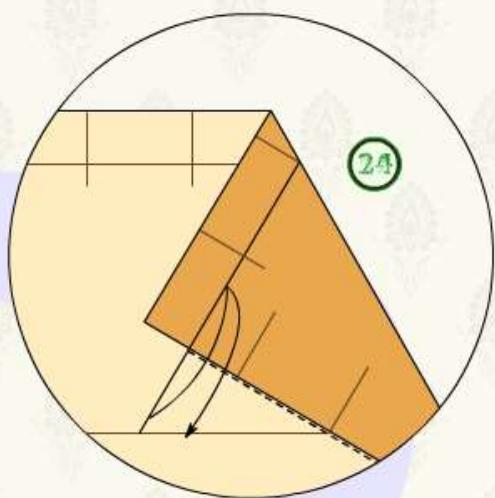
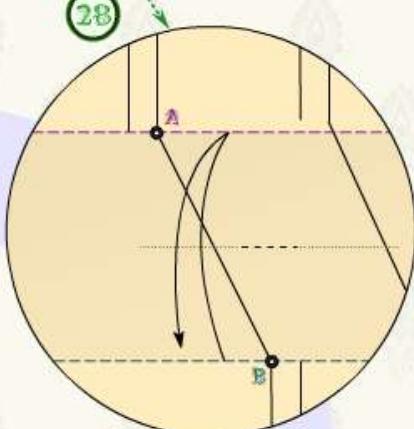
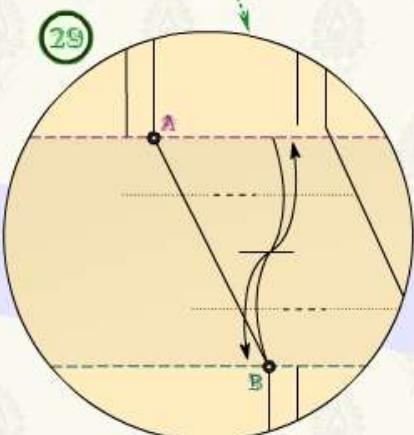
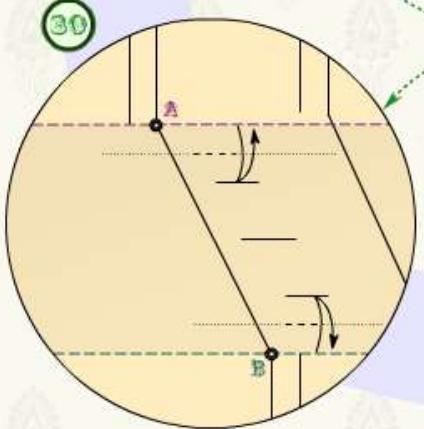
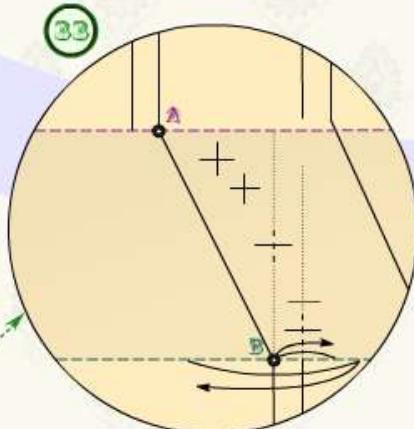
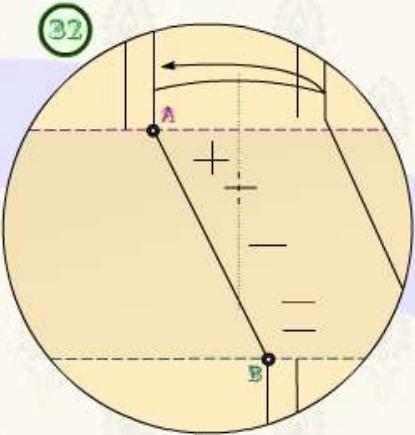
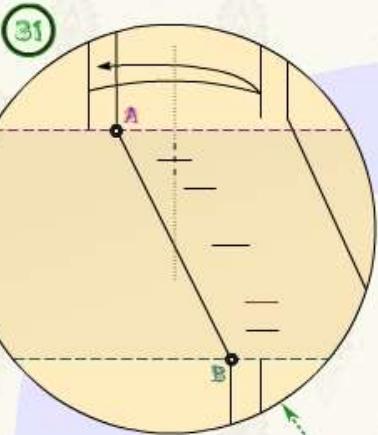
10



*fold the remaining creases  
the same way*



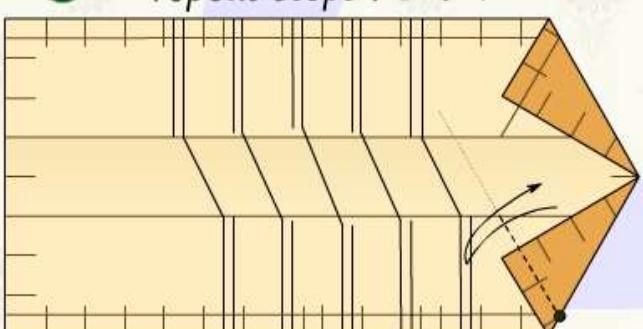
# Loaf



25

repeat steps 23-24

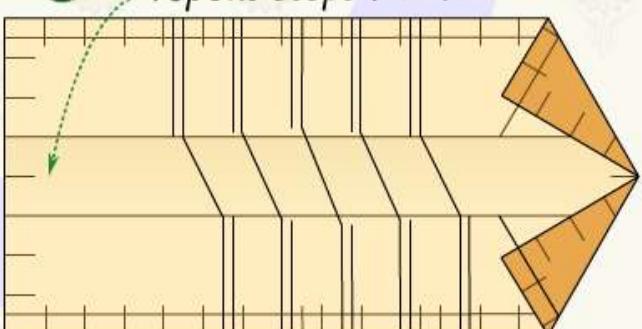
to 22



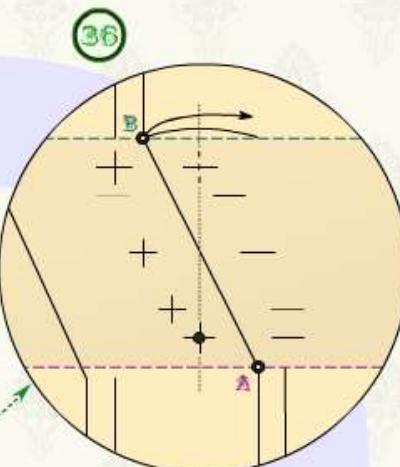
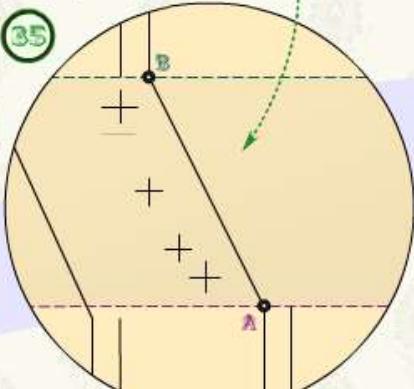
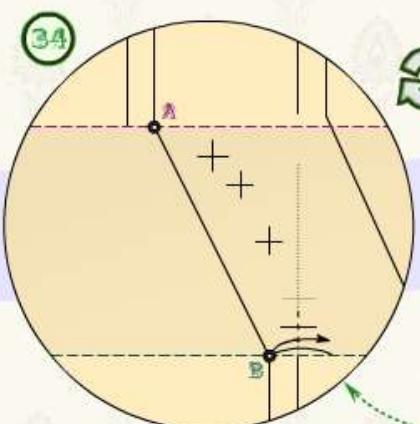
26

repeat steps 23-25

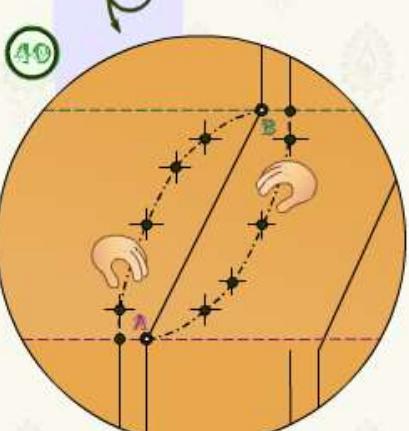
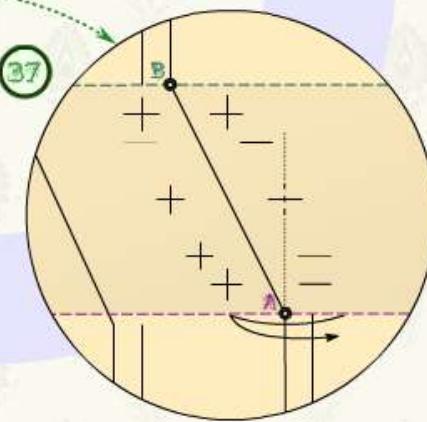
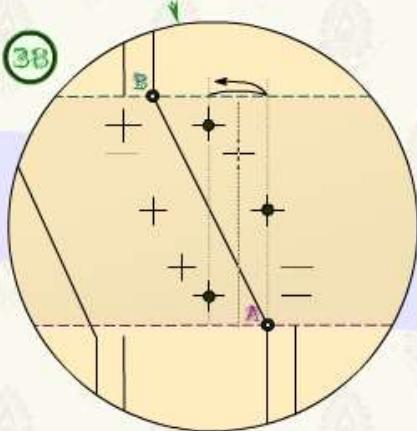
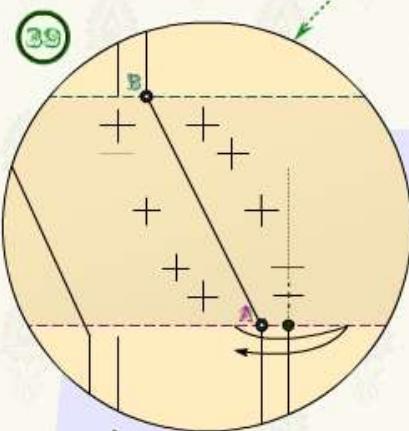
to 21



repeat steps 28-30



add precreases as shown



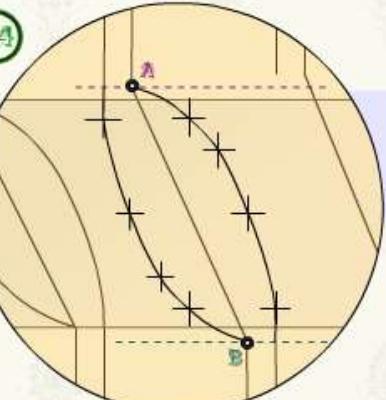
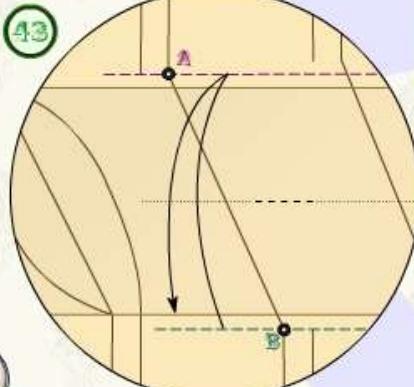
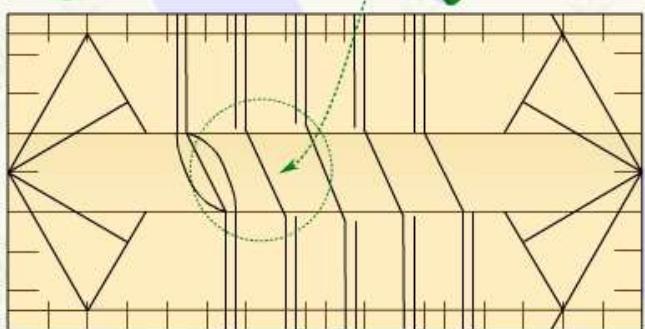
make curved creases

41

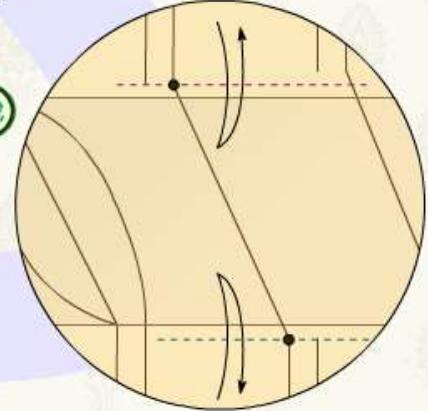
to 27



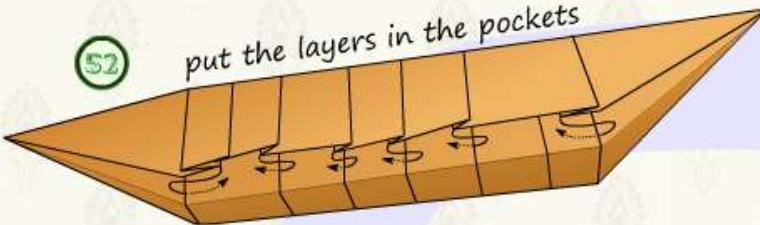
repeat steps 28-40

repeat the remaining curved  
creases the same way

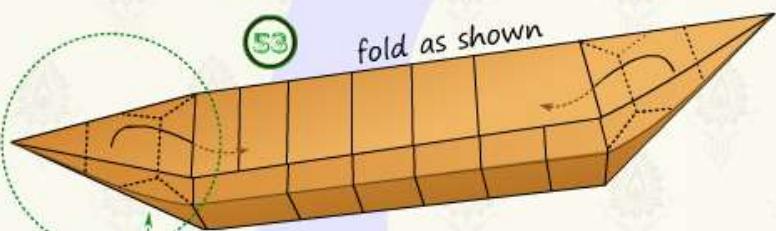
42



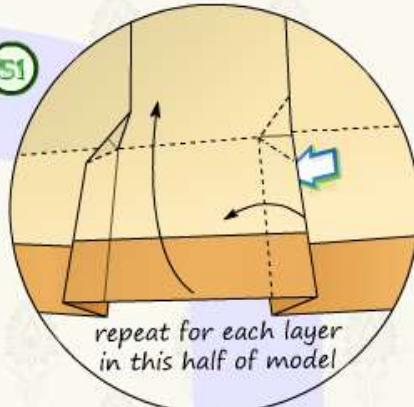
52 put the layers in the pockets



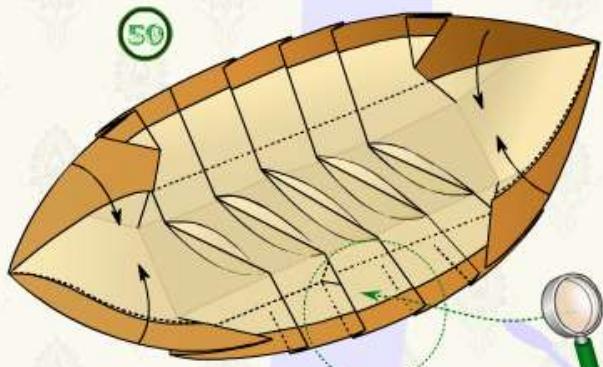
53 fold as shown



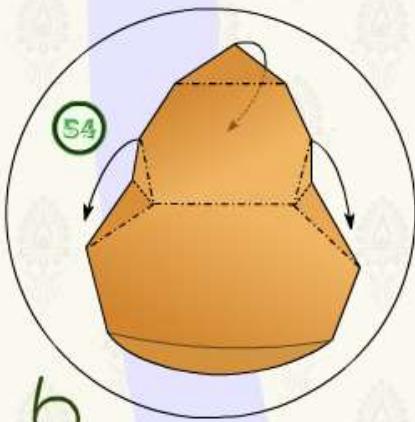
51



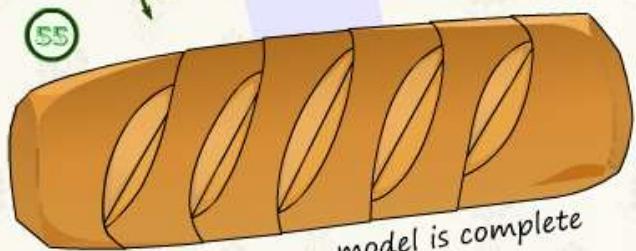
50



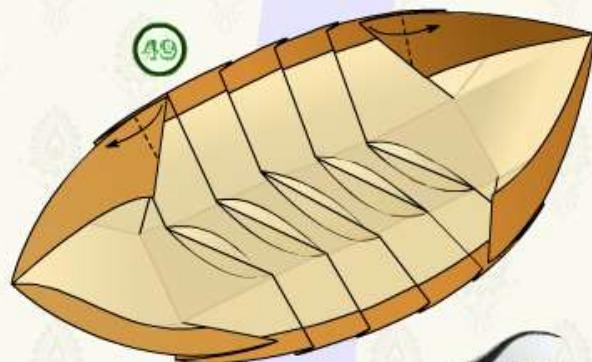
54



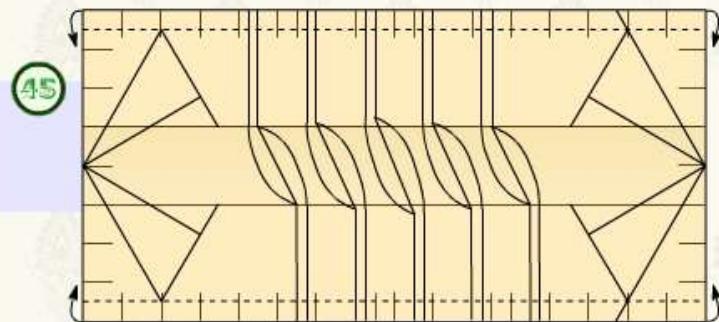
55



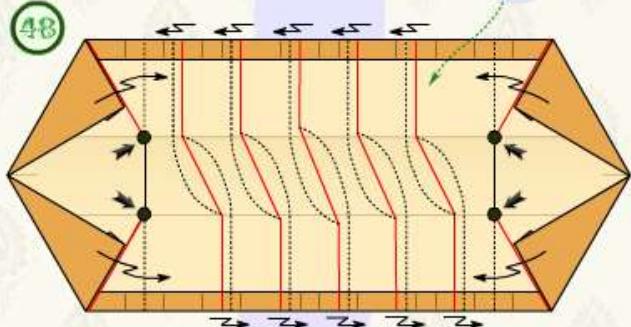
49



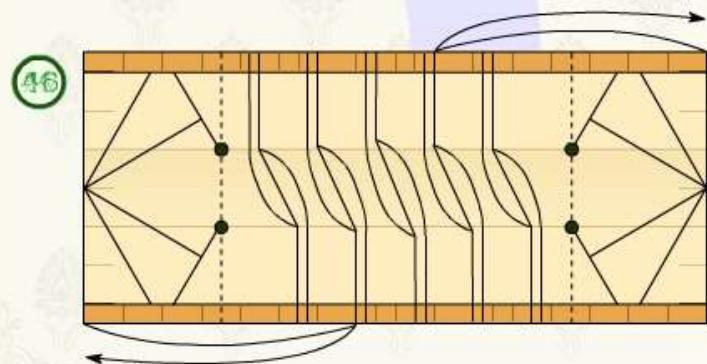
45



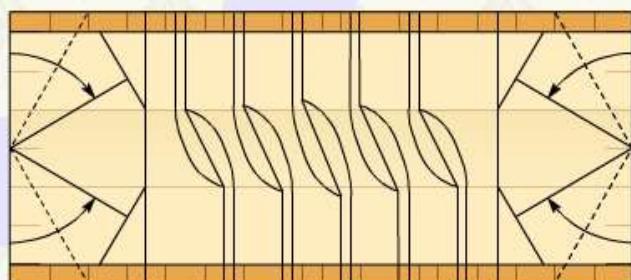
48



46



47



# Dragonfly

Designed by Andrey Ermakov

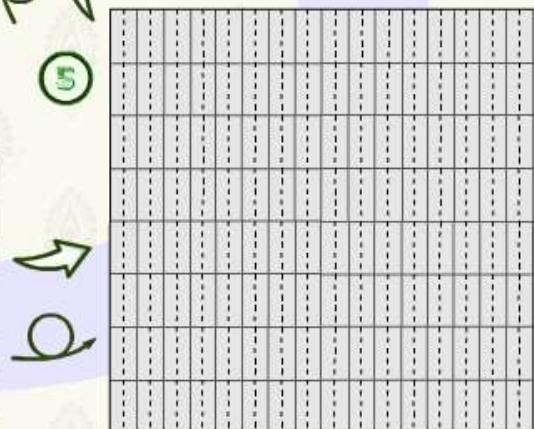
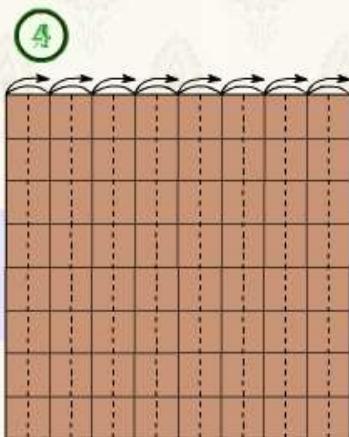
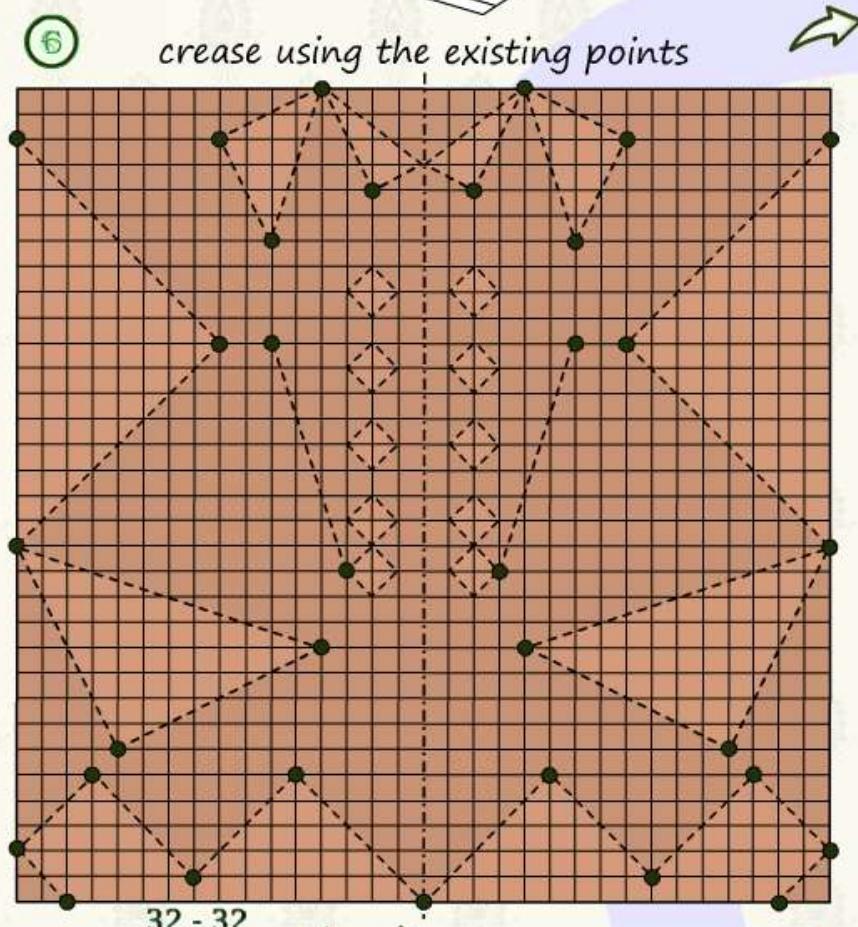
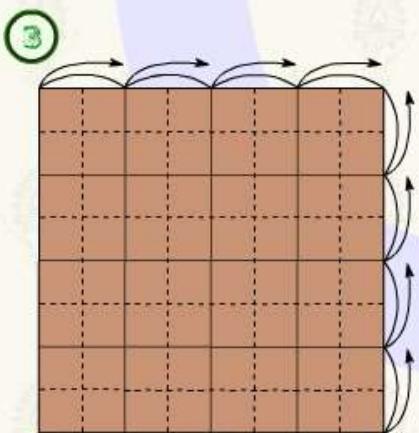
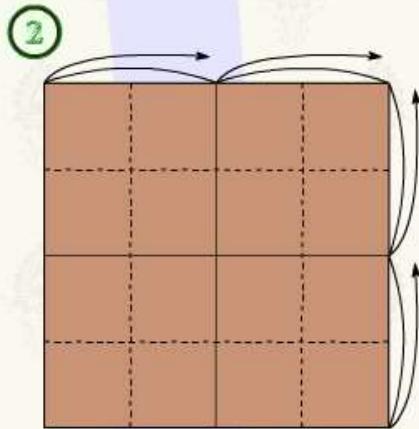
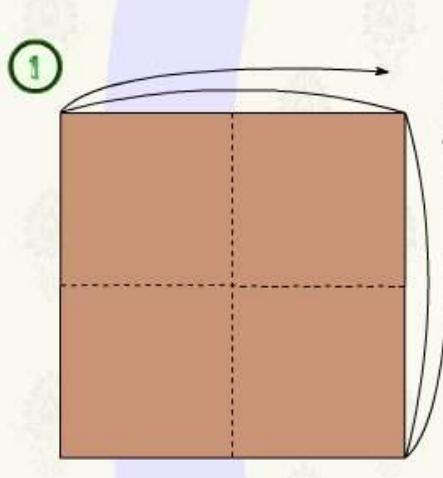
## Task №5

Difficulty : \*\*\*\*\* --

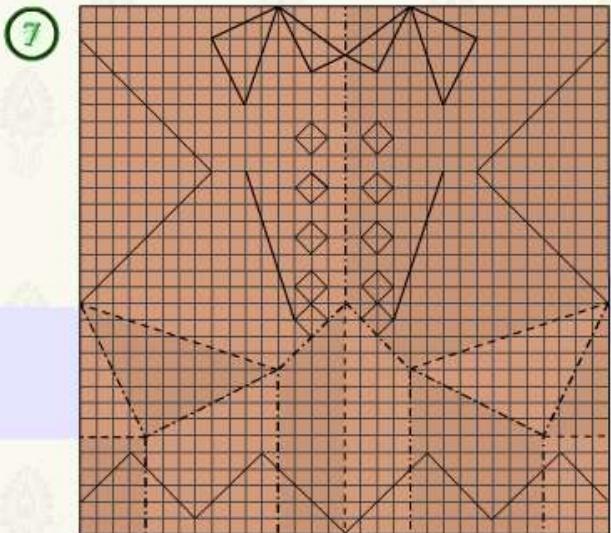
Paper :  $20\text{ g/m}^2$

Paper size :  $50 \times 50\text{ cm}$

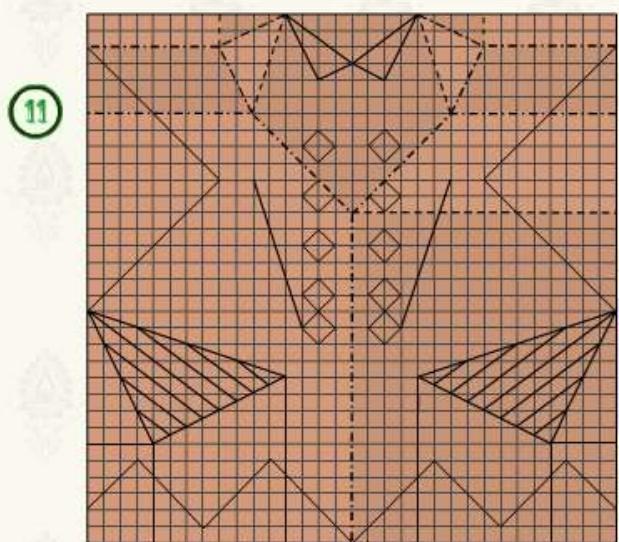
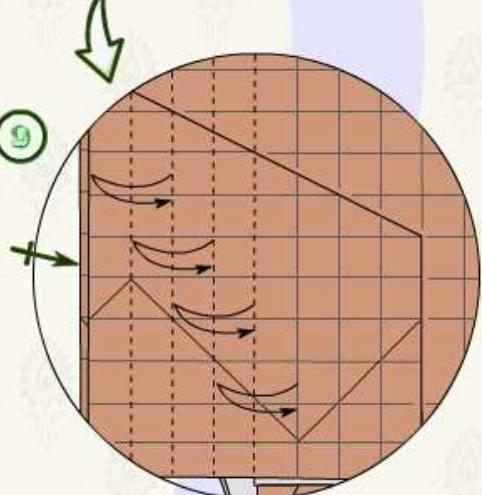
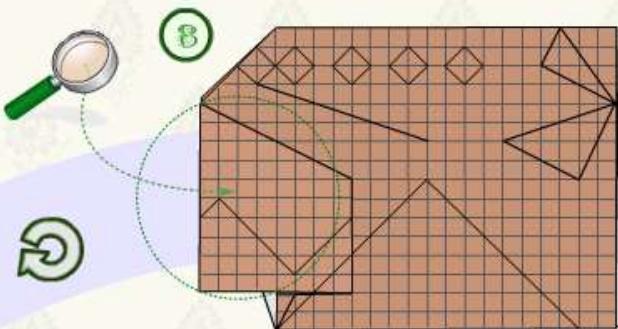
Max score : 12 points



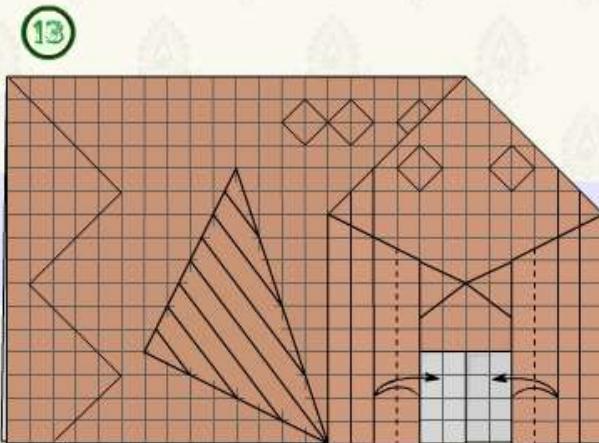
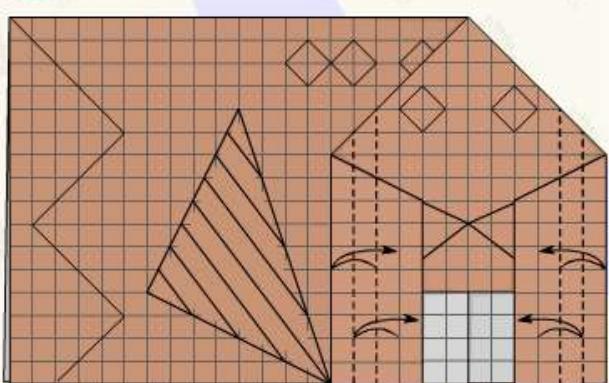
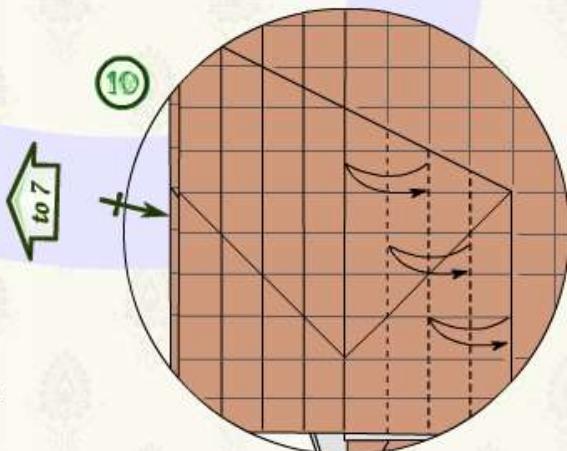
repeat steps 4-5 horizontally



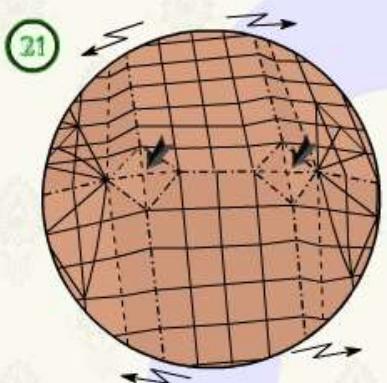
assemble using the existing crease lines



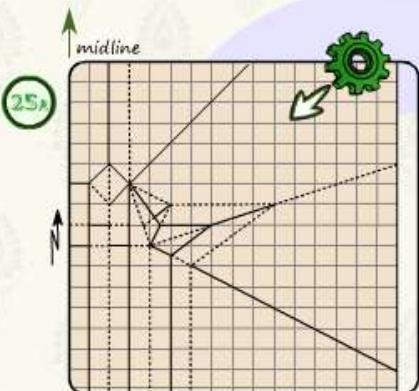
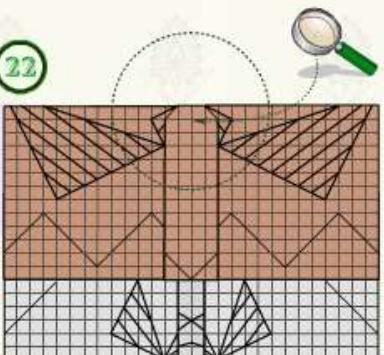
assemble using the existing crease lines



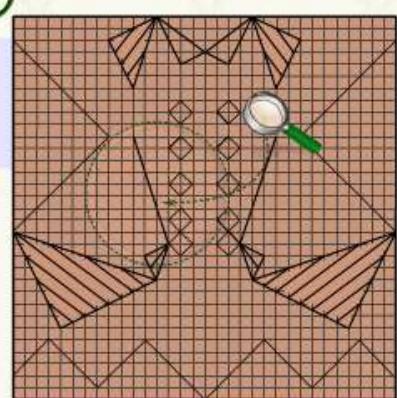
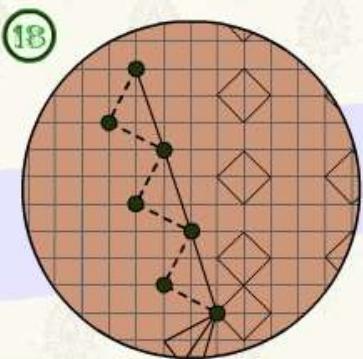
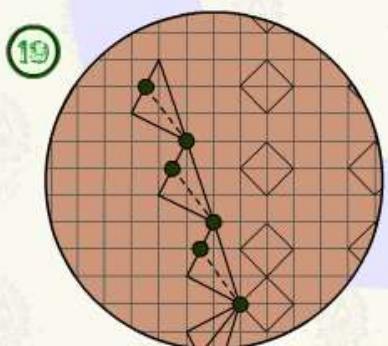
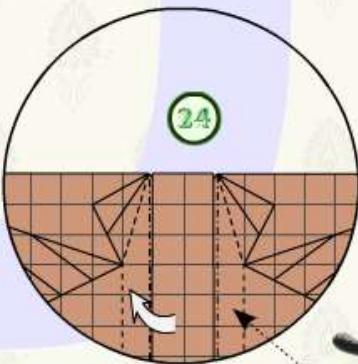
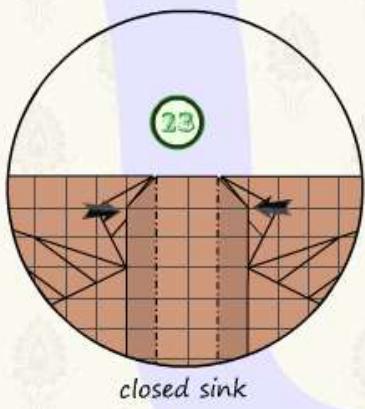
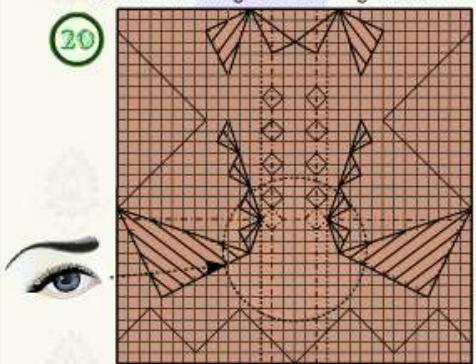
Dragonfly



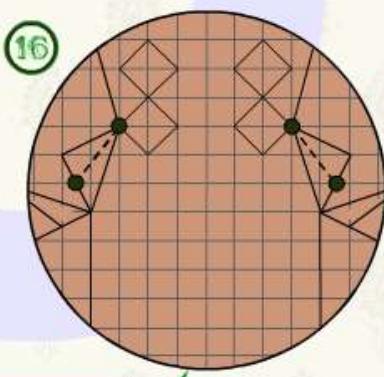
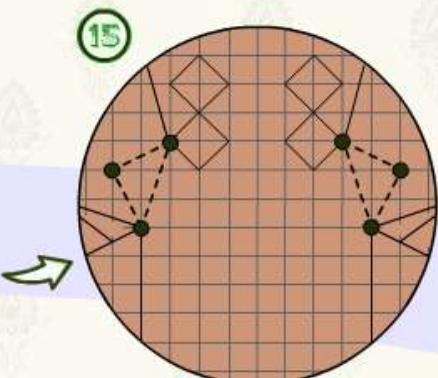
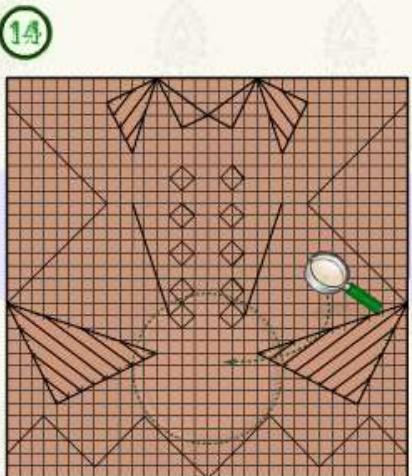
assemble using the existing crease lines



crease pattern of this part

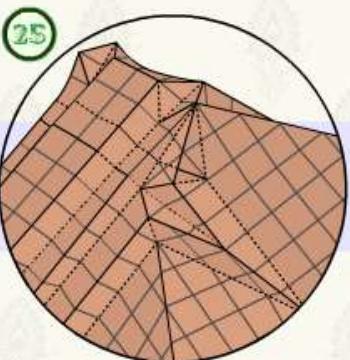


repeat symmetrically on  
the other half

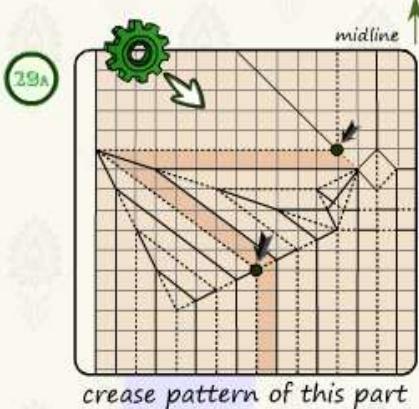
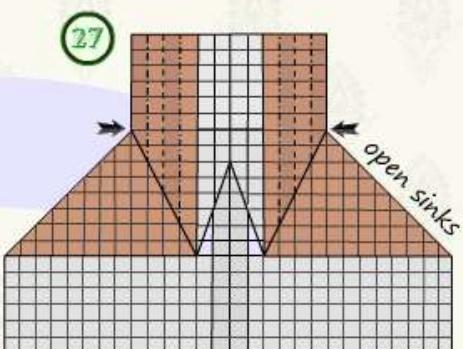
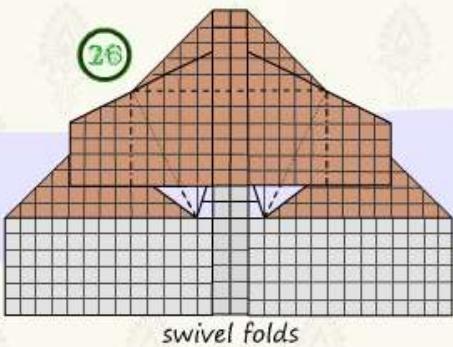


add precreases

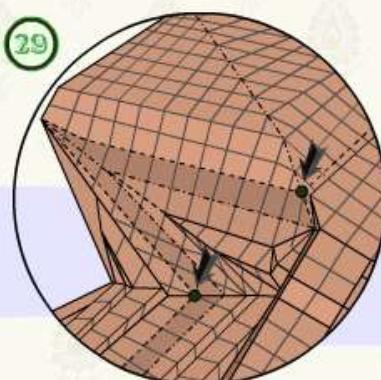
# Dragonfly



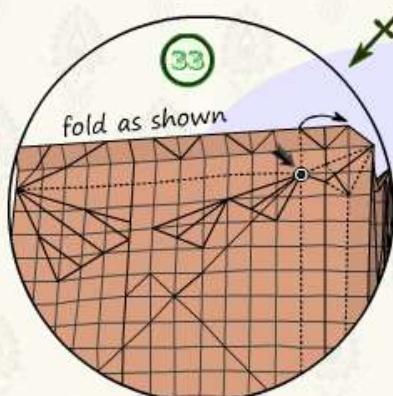
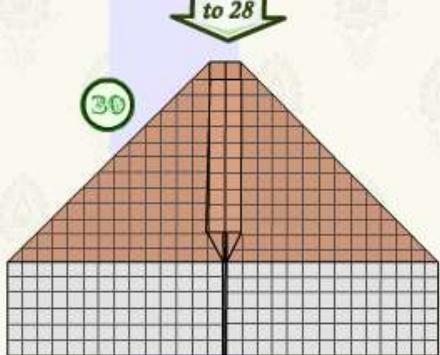
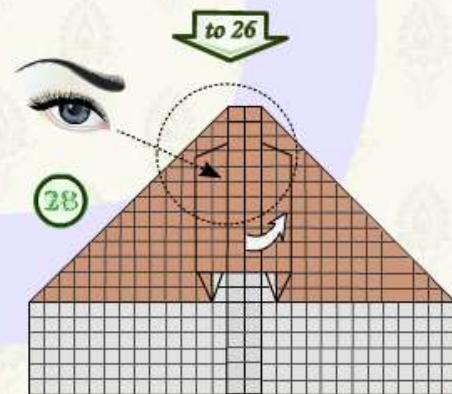
repeat symmetrically on the other half



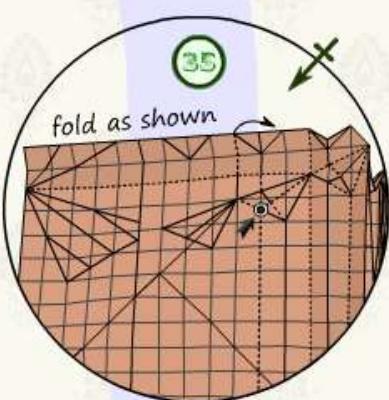
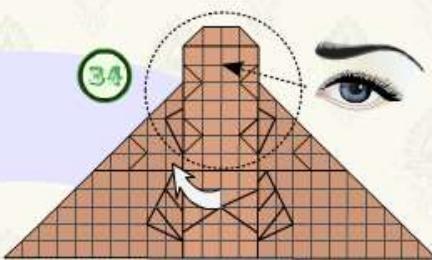
crease pattern of this part



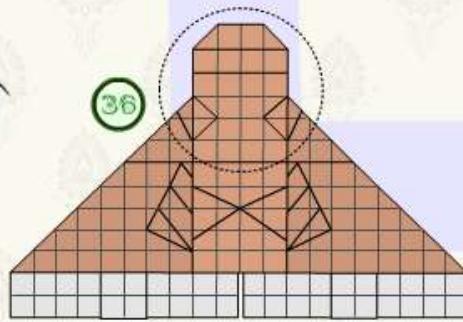
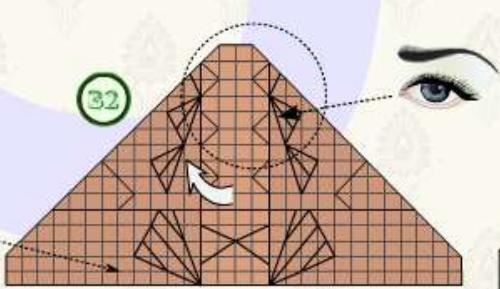
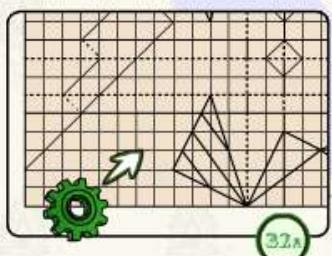
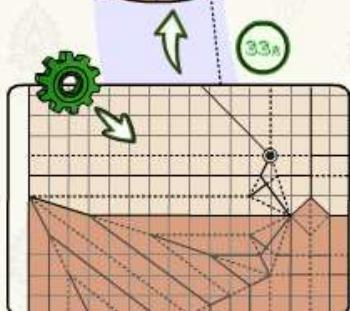
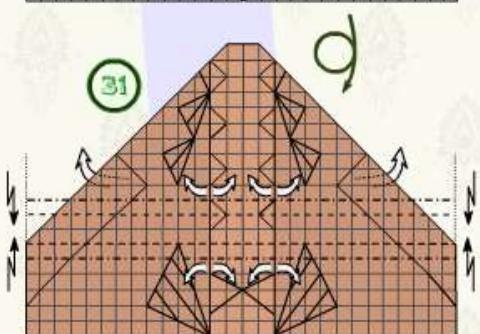
repeat symmetrically on the other half



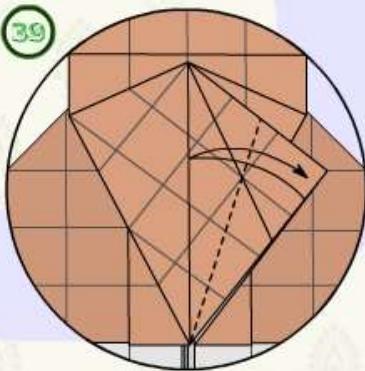
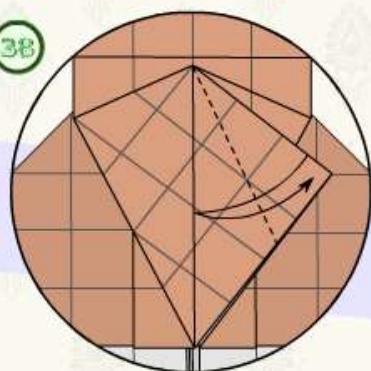
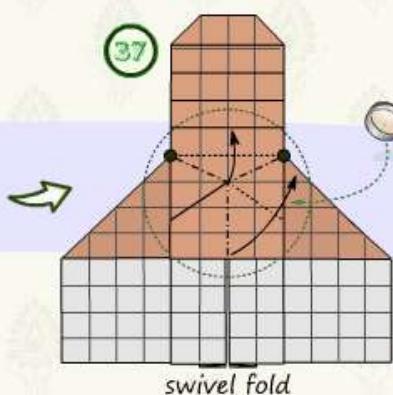
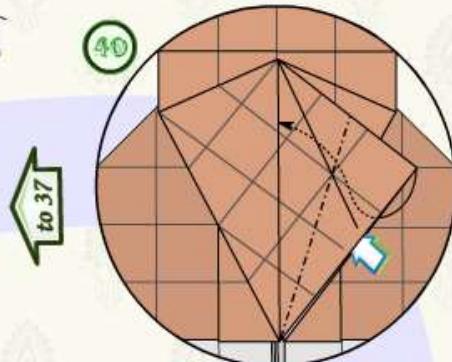
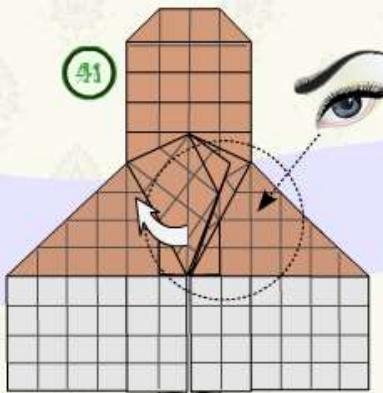
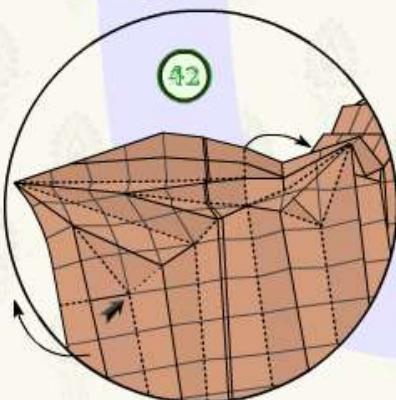
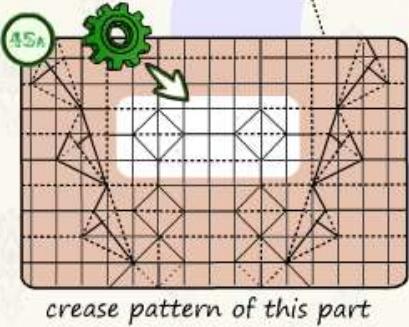
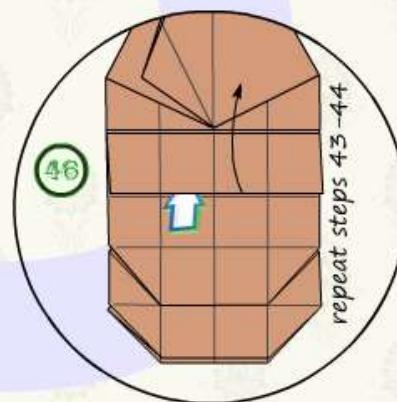
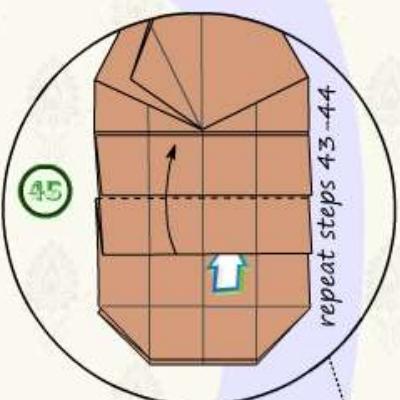
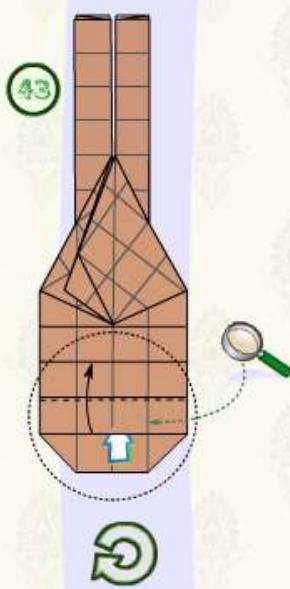
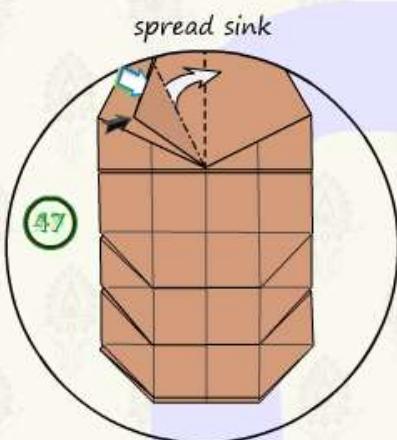
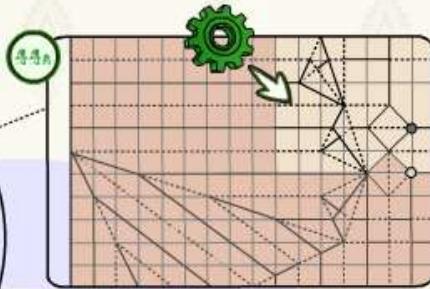
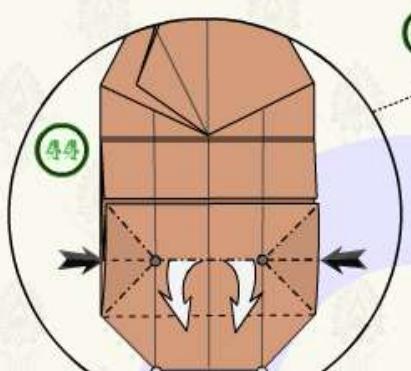
fold as shown



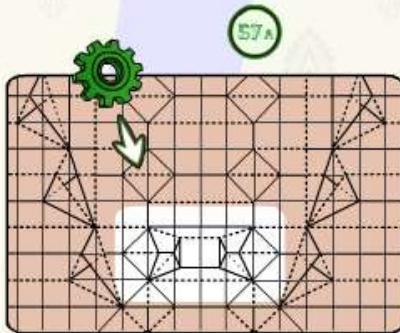
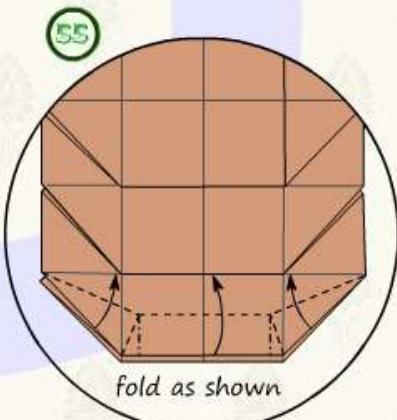
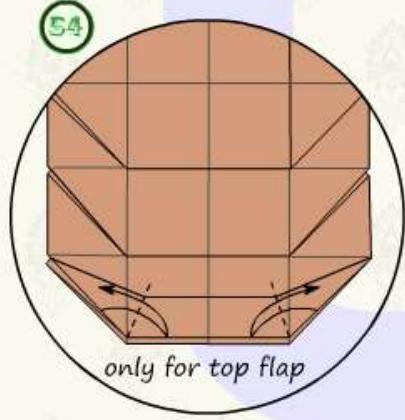
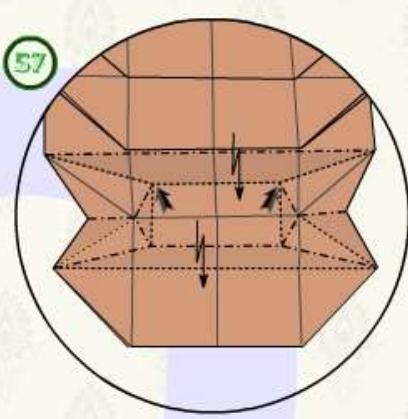
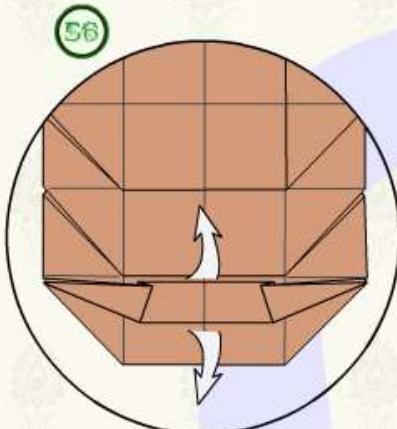
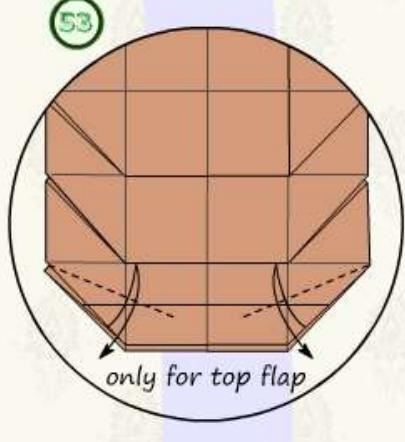
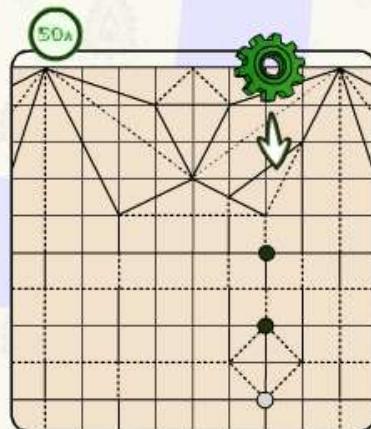
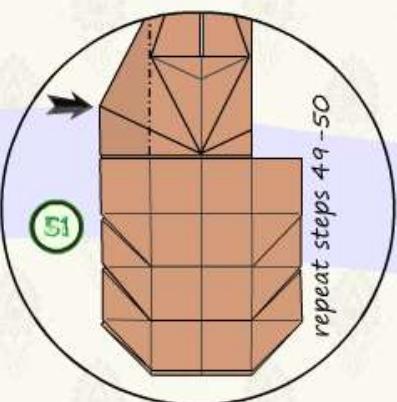
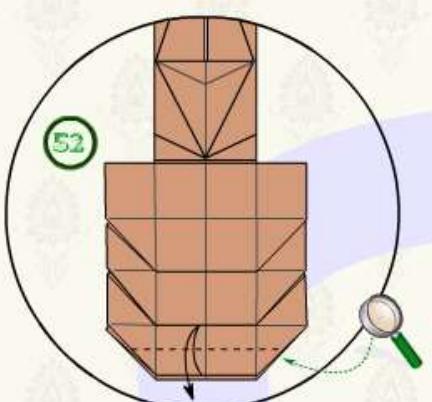
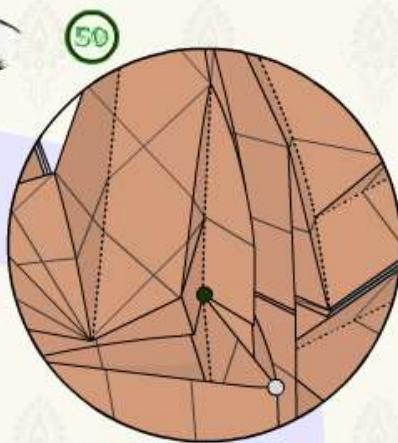
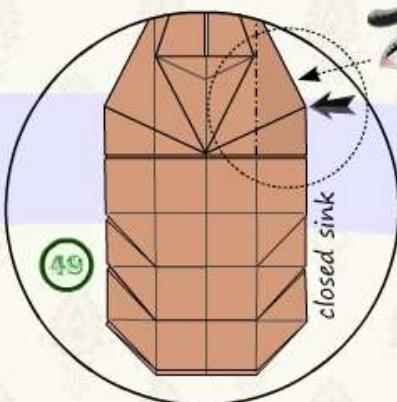
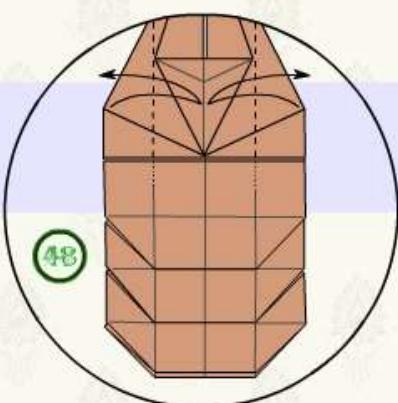
fold as shown



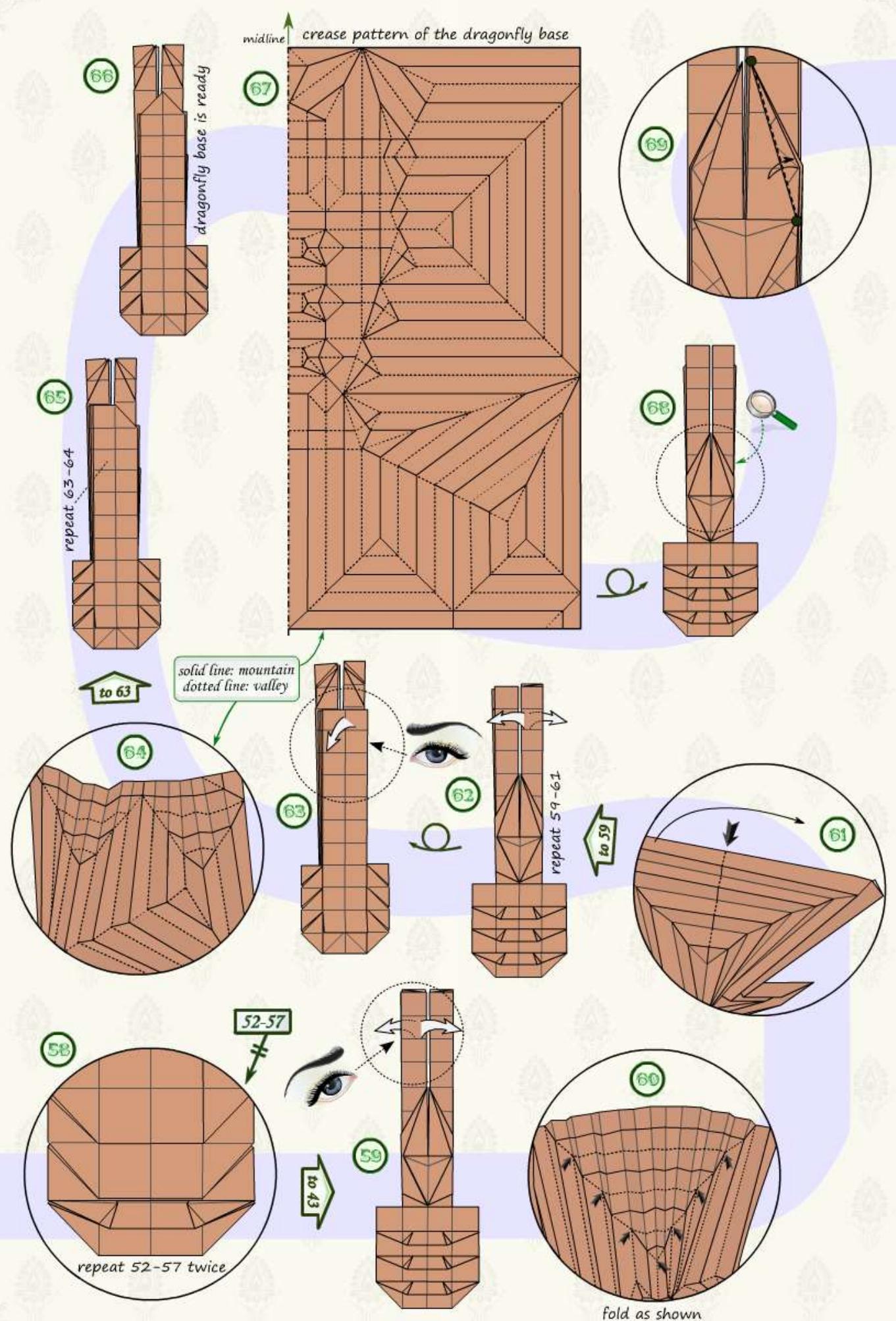
repeat steps 32-33



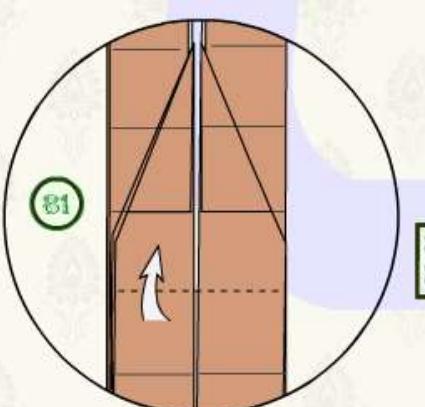
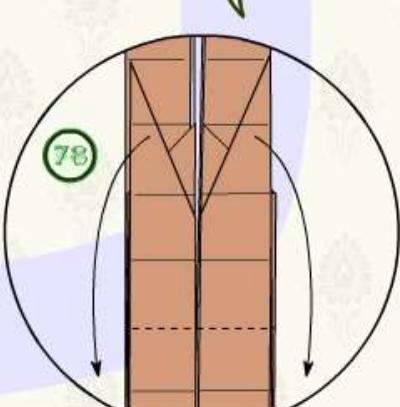
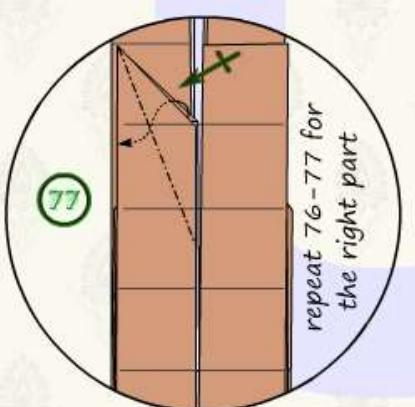
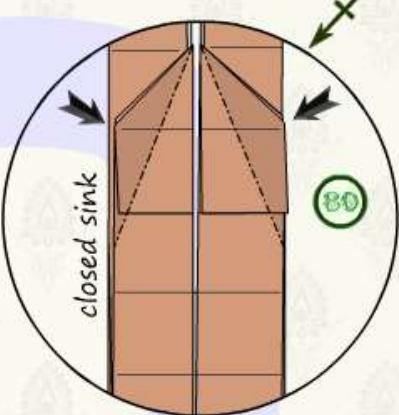
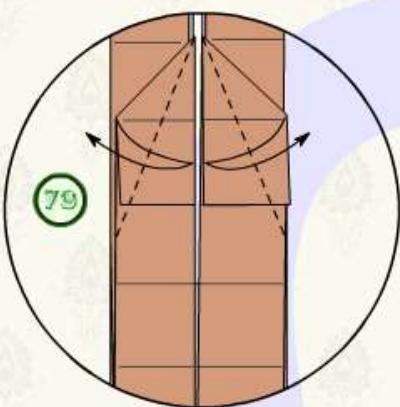
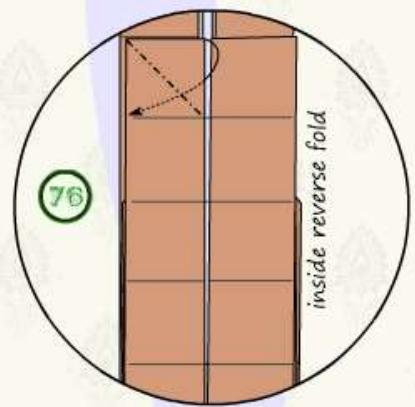
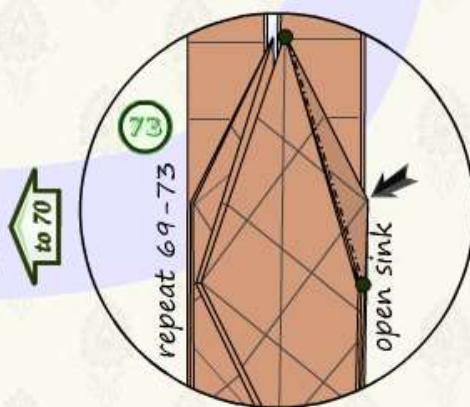
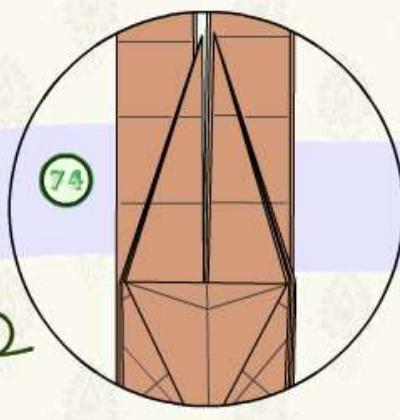
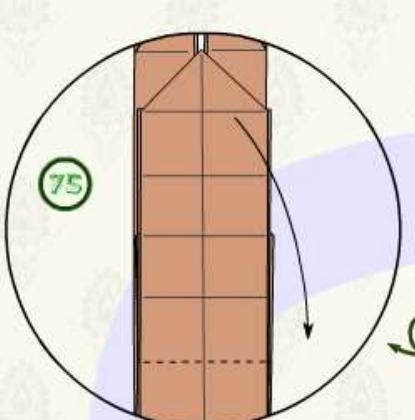
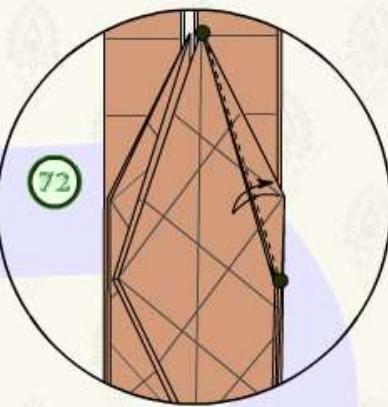
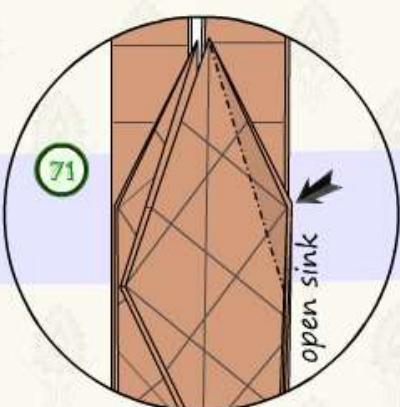
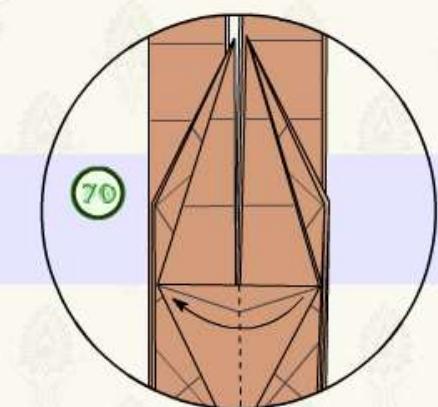
# Dragonfly

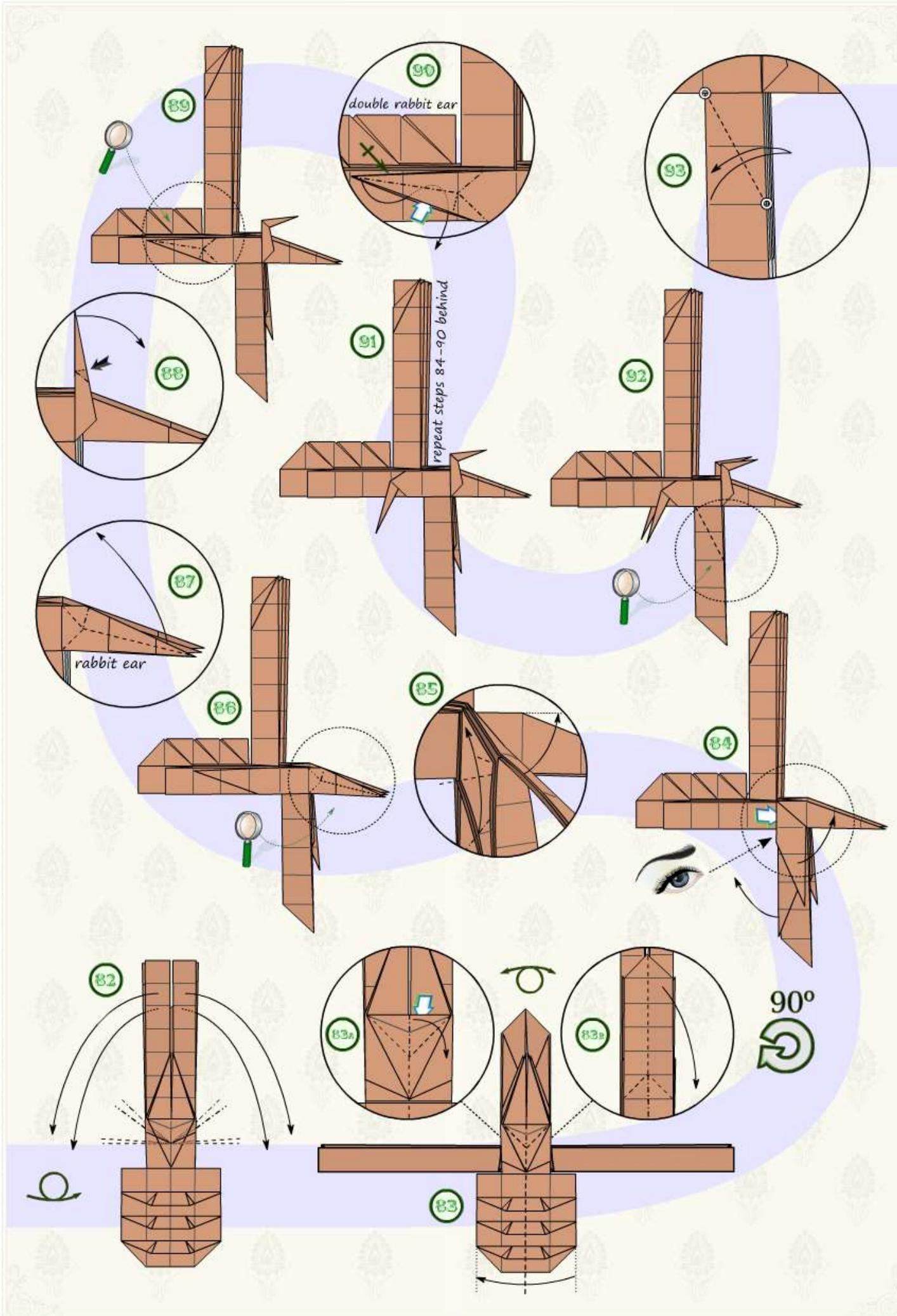


# Dragonfly

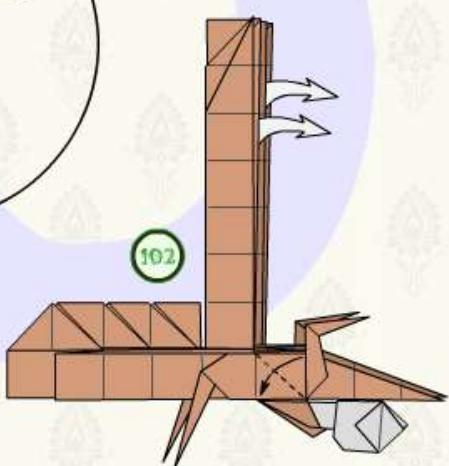
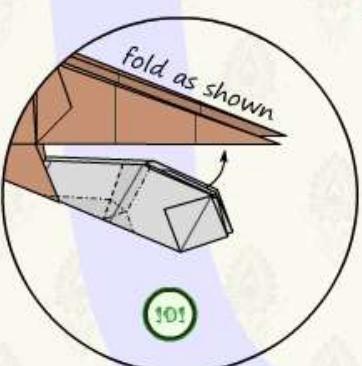
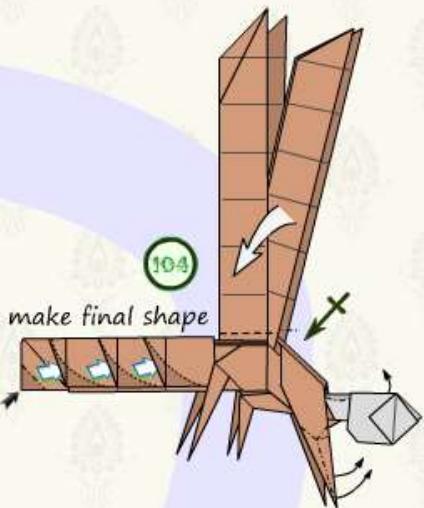
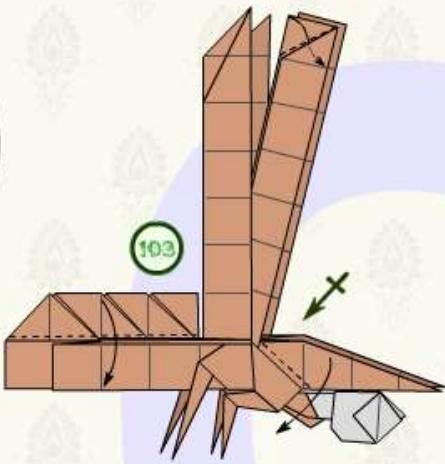
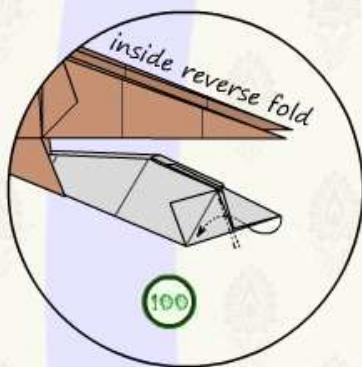
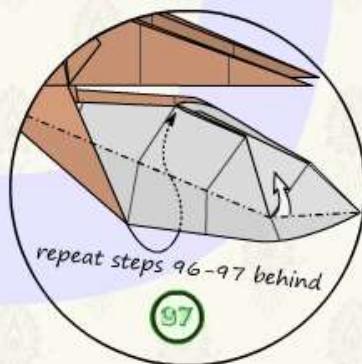
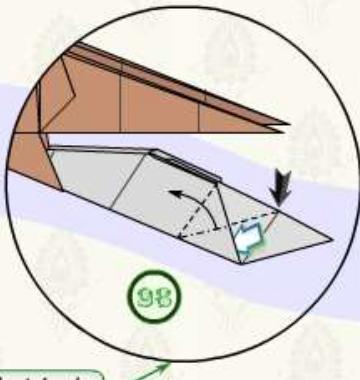
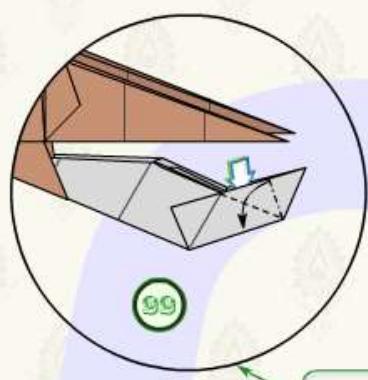
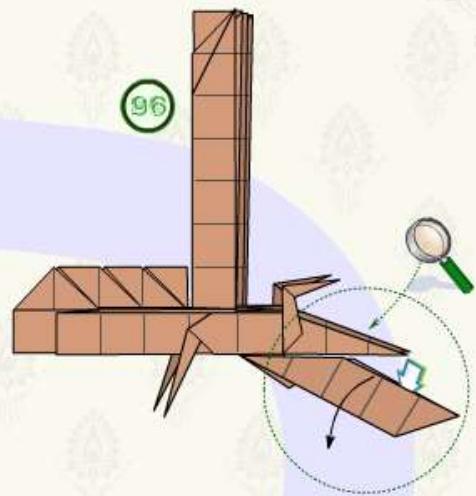
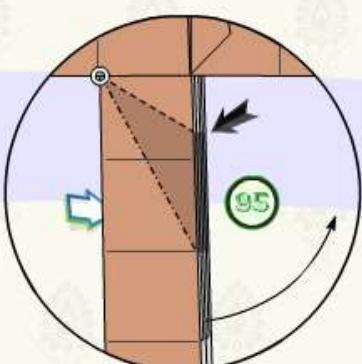
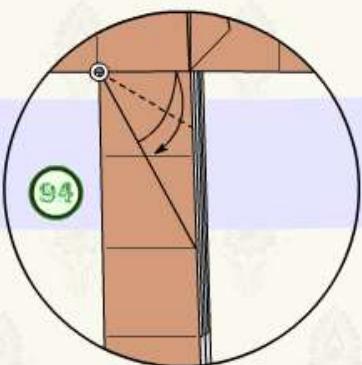


# Dragonfly





# Dragonfly



dragonfly complete

## Task №6

## Flamingo

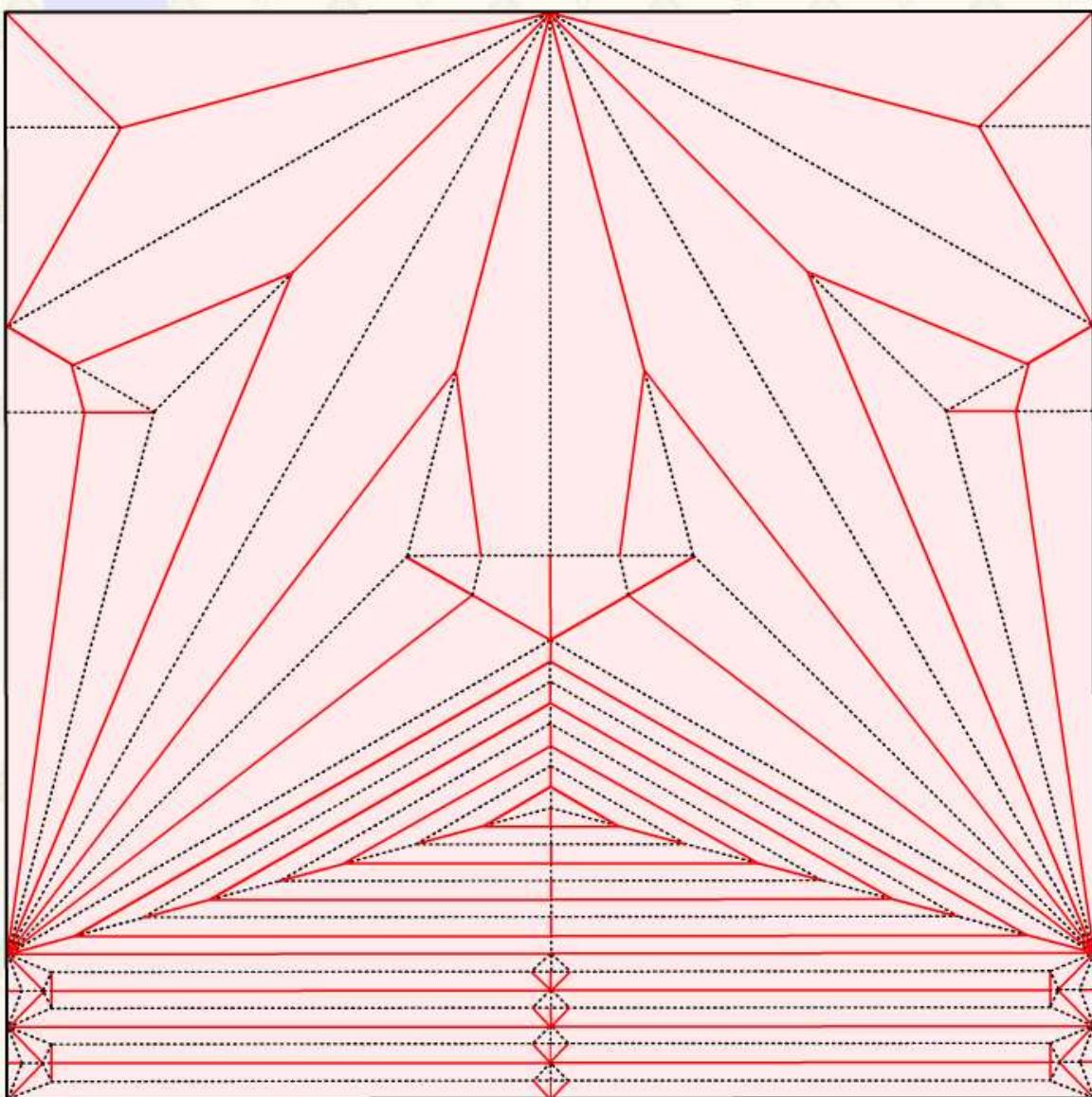
*Designed by Yasushi Miyashita*

Difficulty : \*\*\*\*\* -----

Paper : 30 g/m<sup>2</sup>

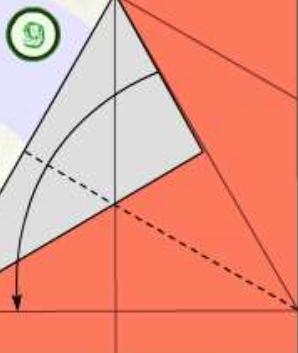
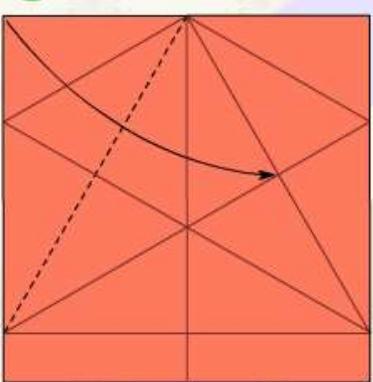
Paper size : 50 x 50 cm

Max score : 10 points

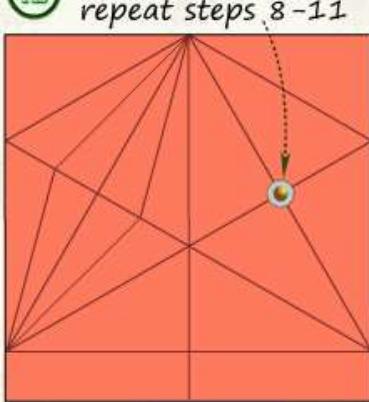


Crease Pattern

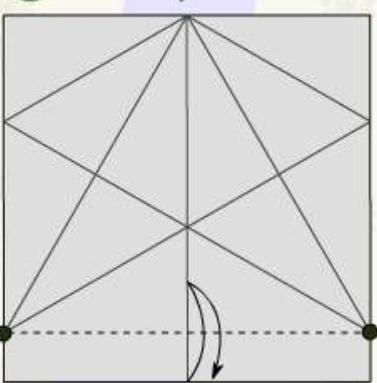
8



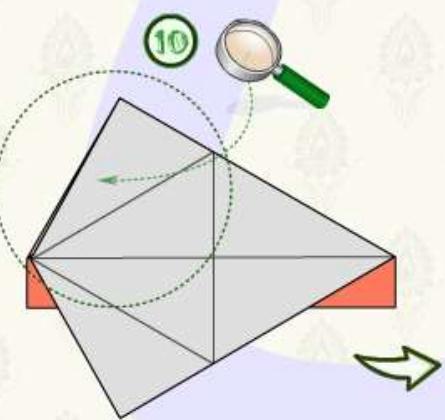
12



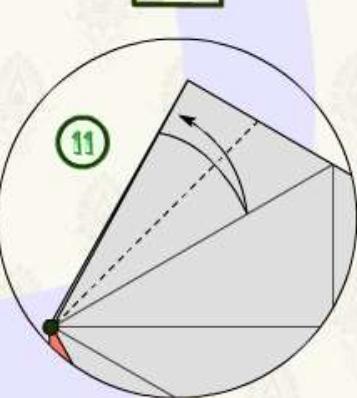
7



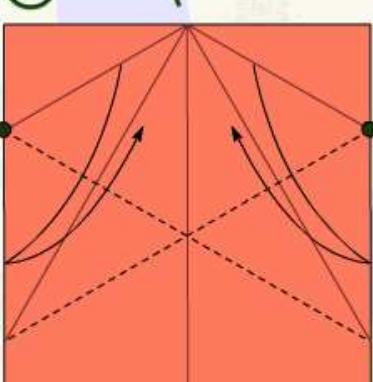
10



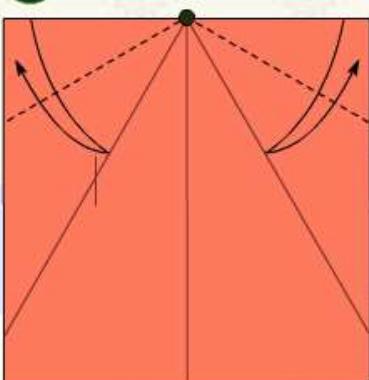
to 8



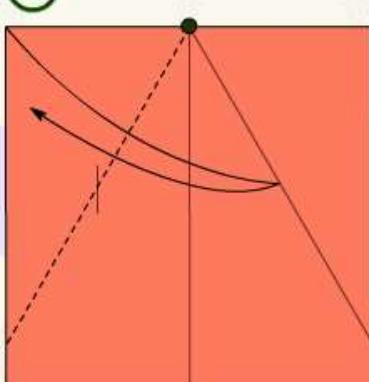
6



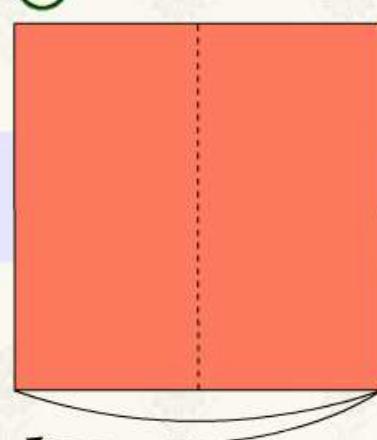
5



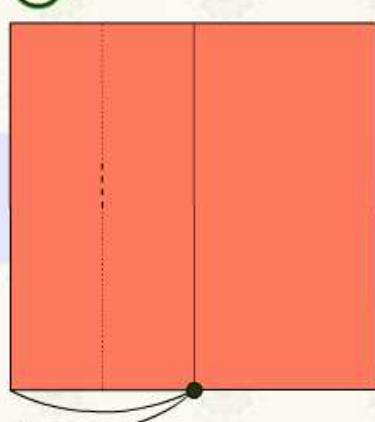
4



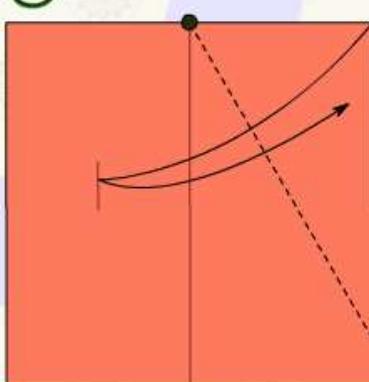
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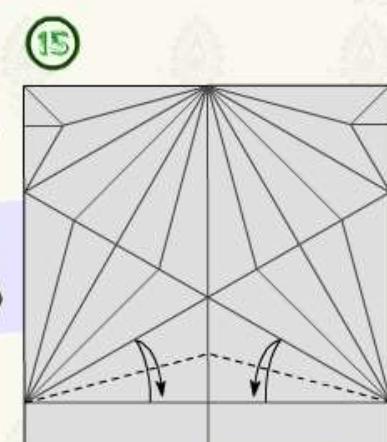
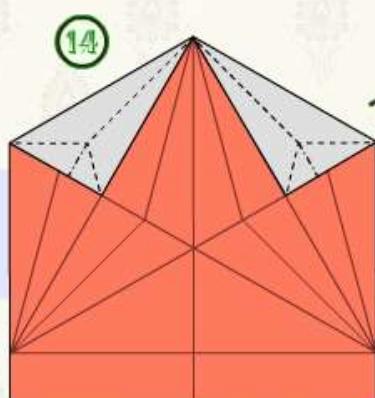
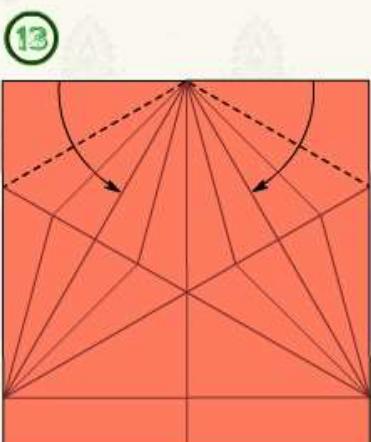


2

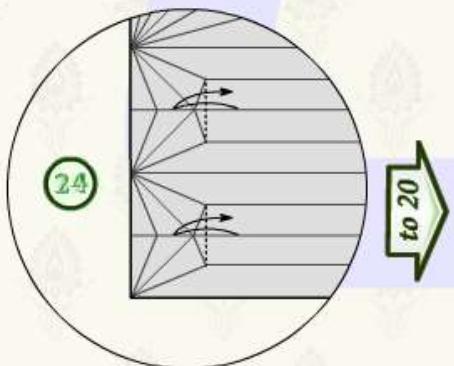
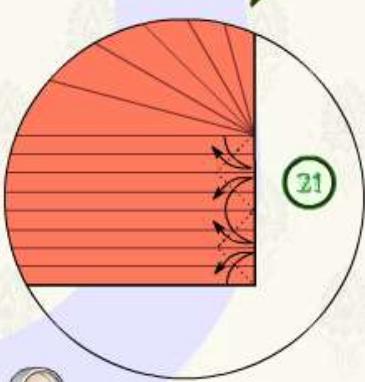
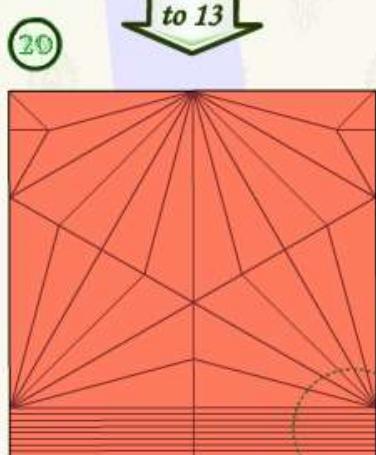
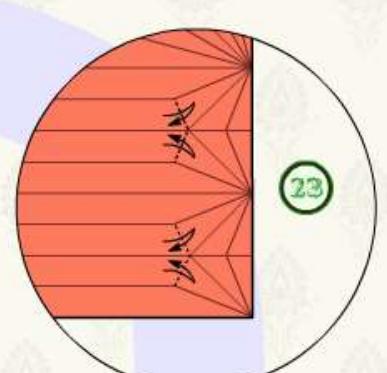
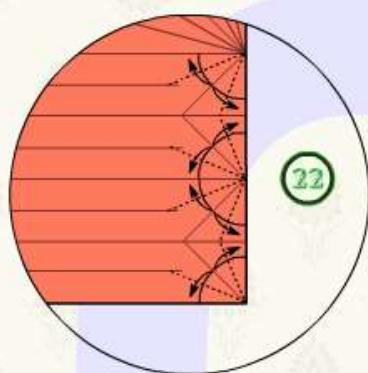
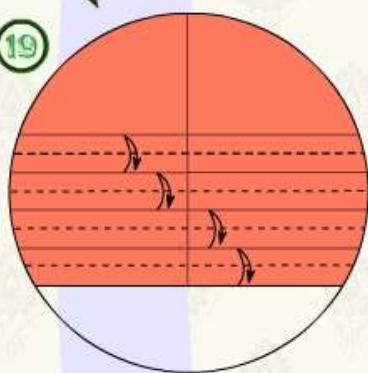
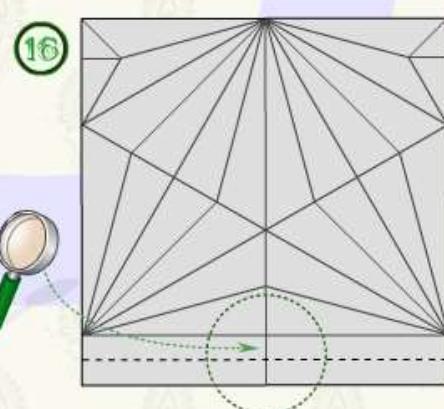
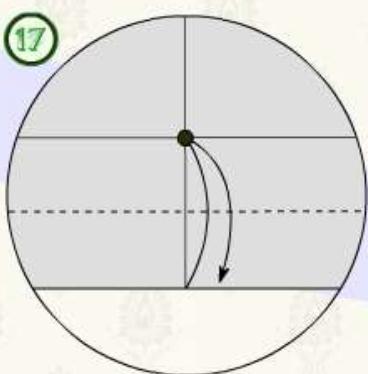
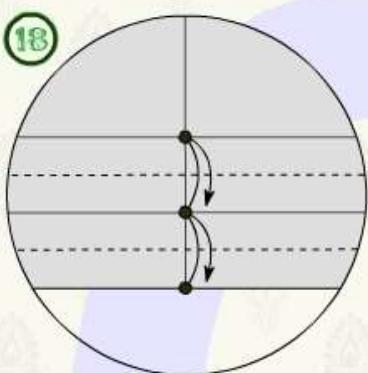


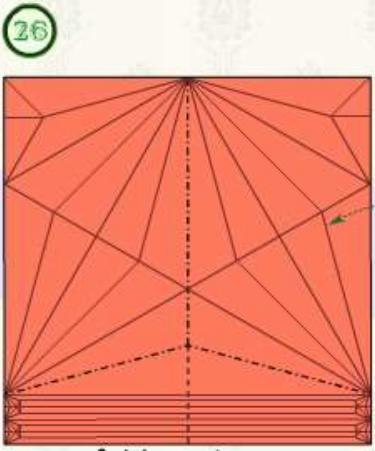
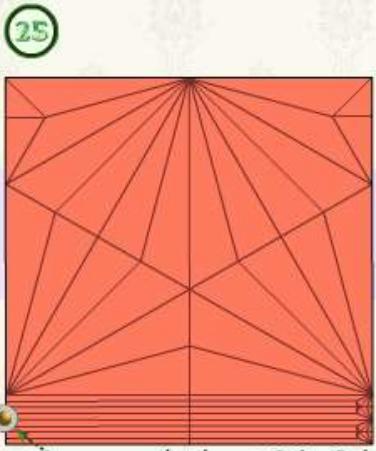
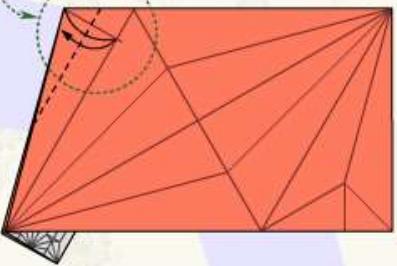
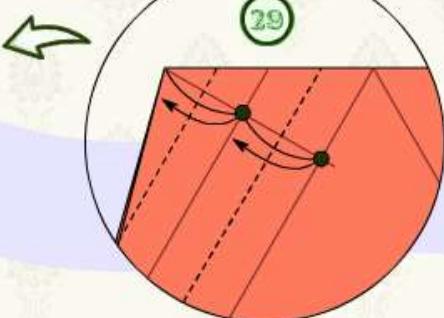
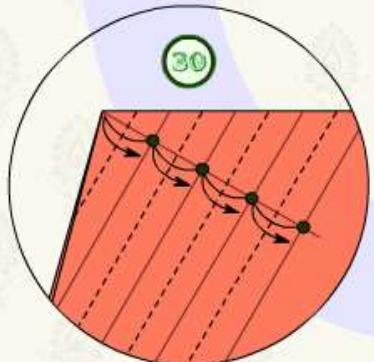
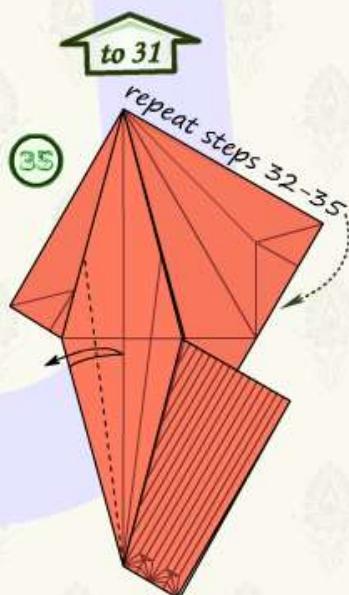
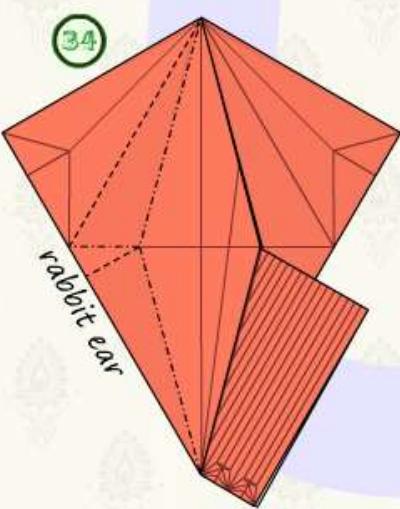
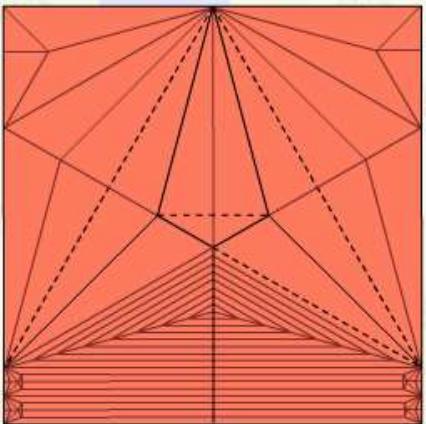
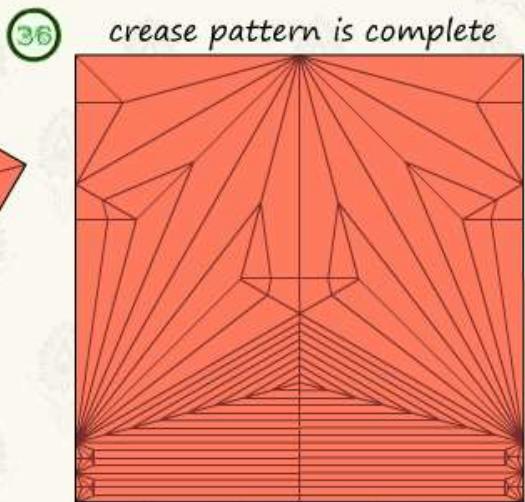
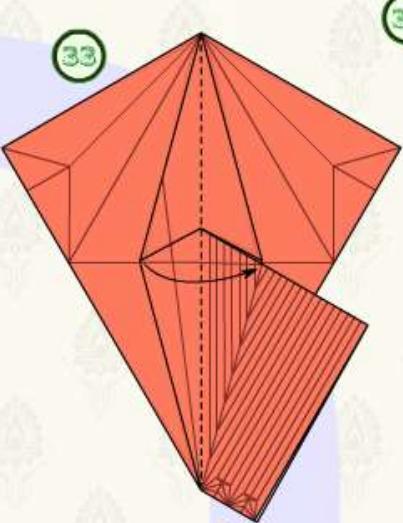
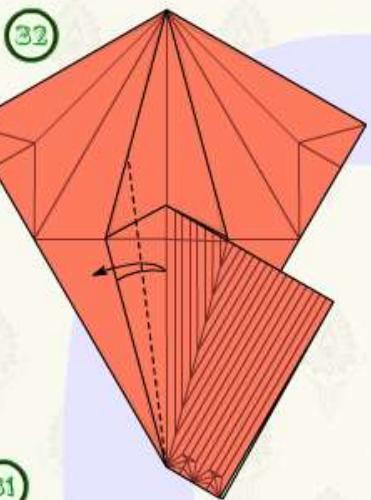
3





*fold and unfold rabbit ears*





## Task №7

## Stiletto Star

Designed by Maria Sinayskaya

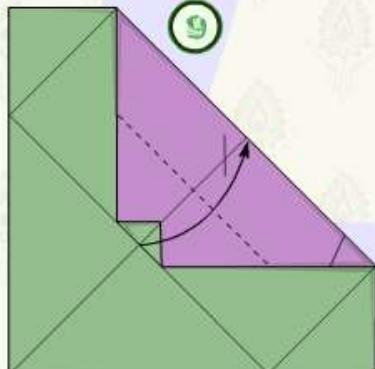
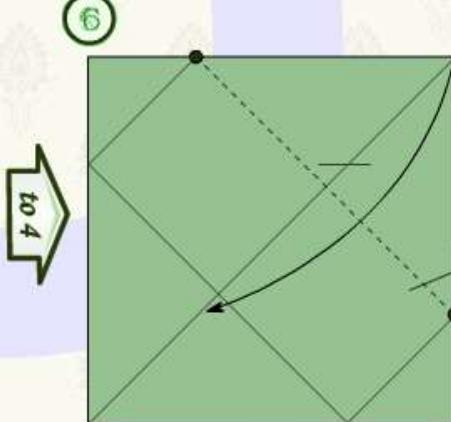
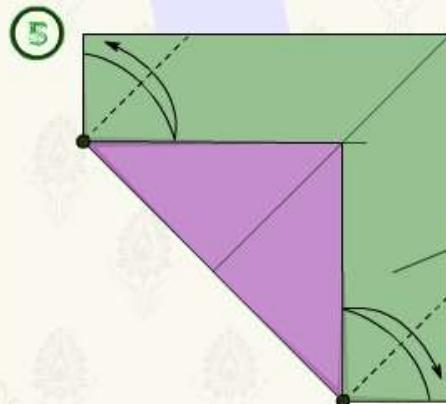
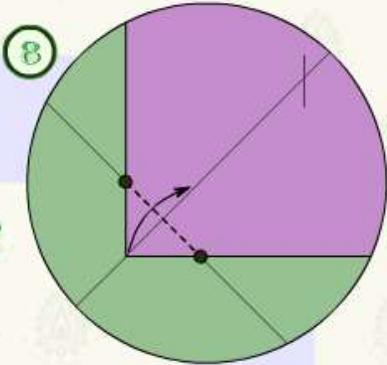
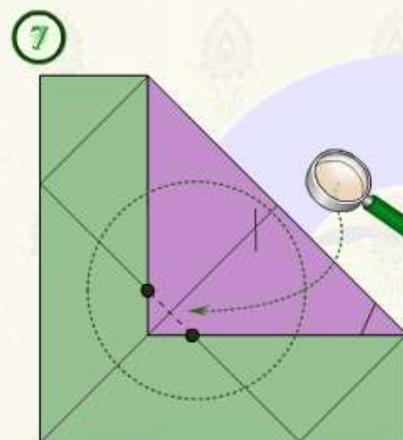
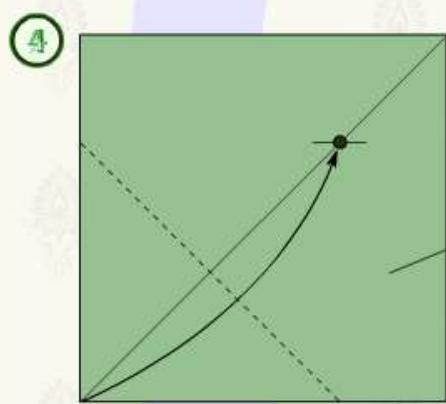
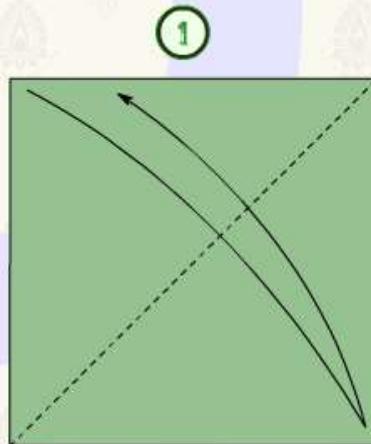
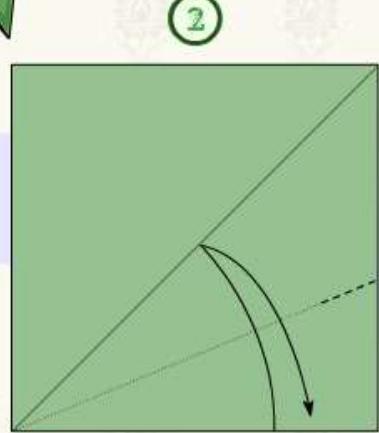
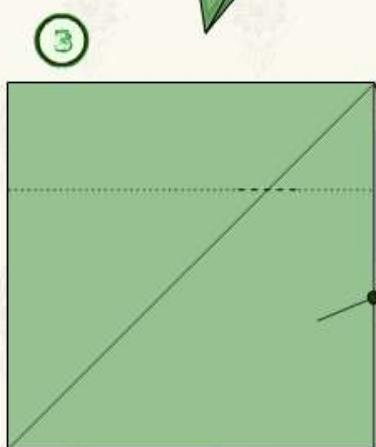
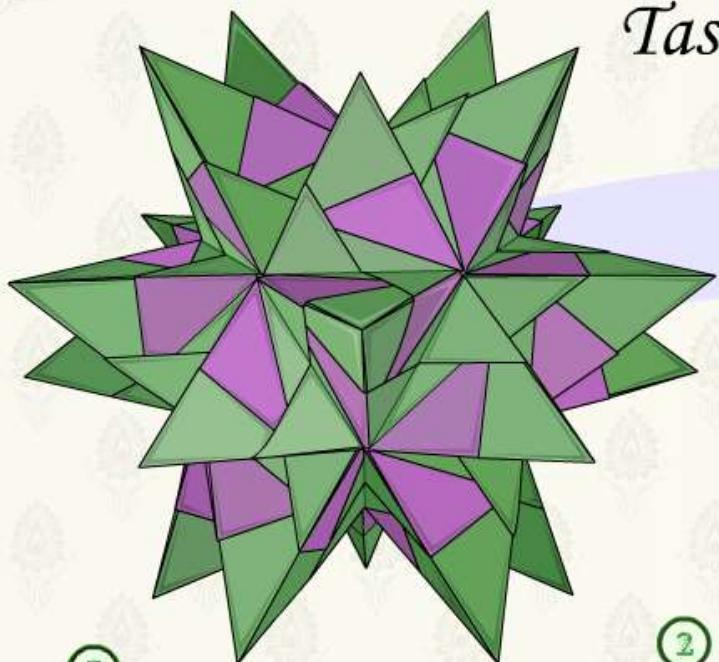
Difficulty : \*\*\*\* -----

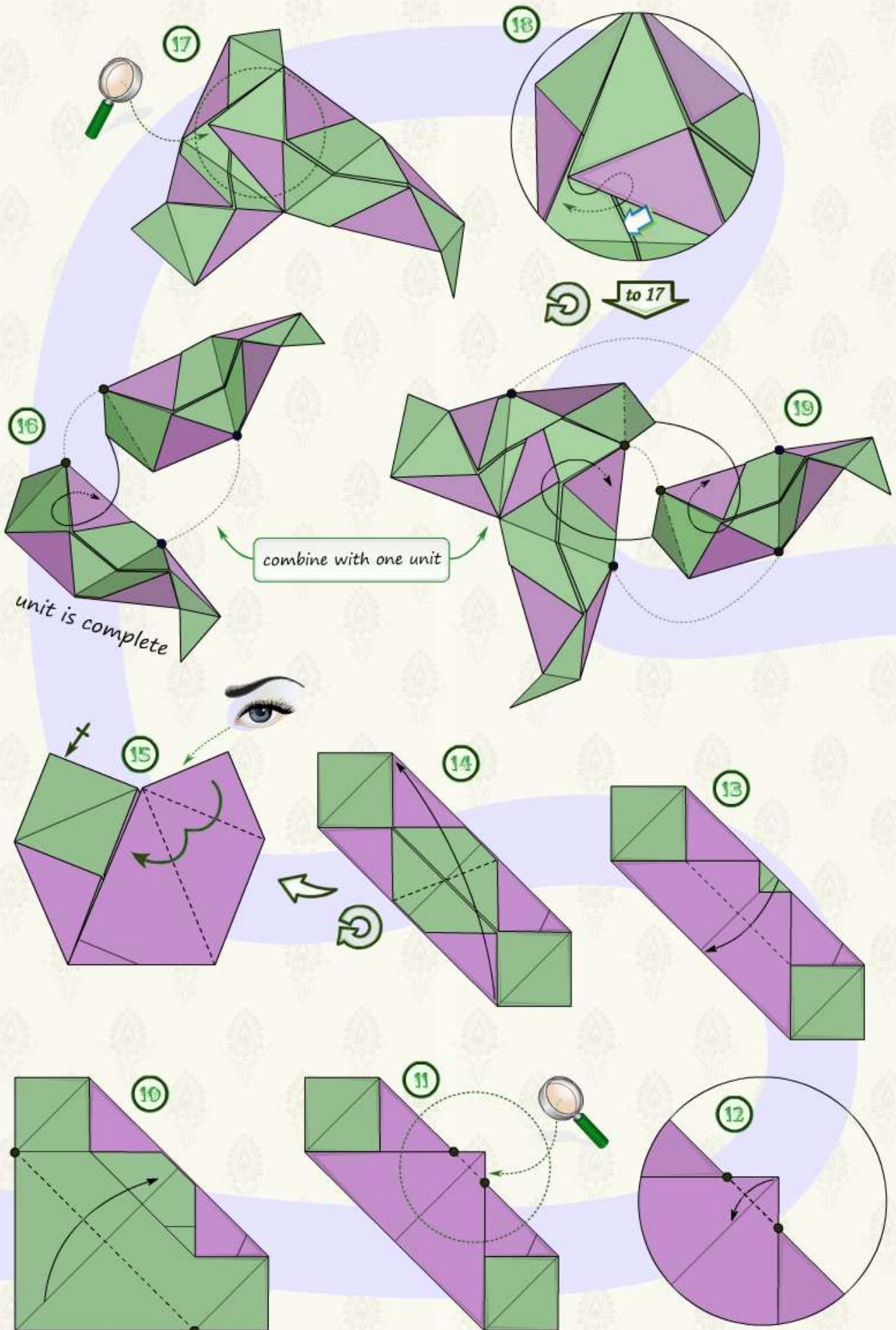
Paper : 30 g/m<sup>2</sup>

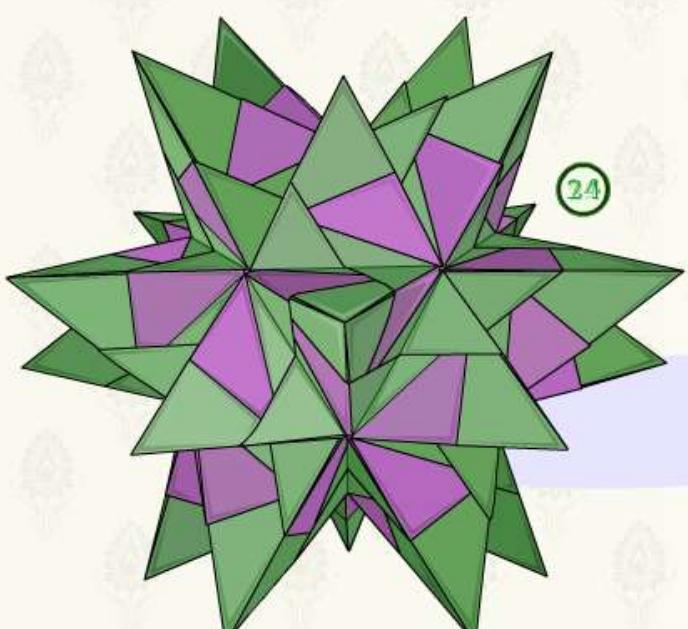
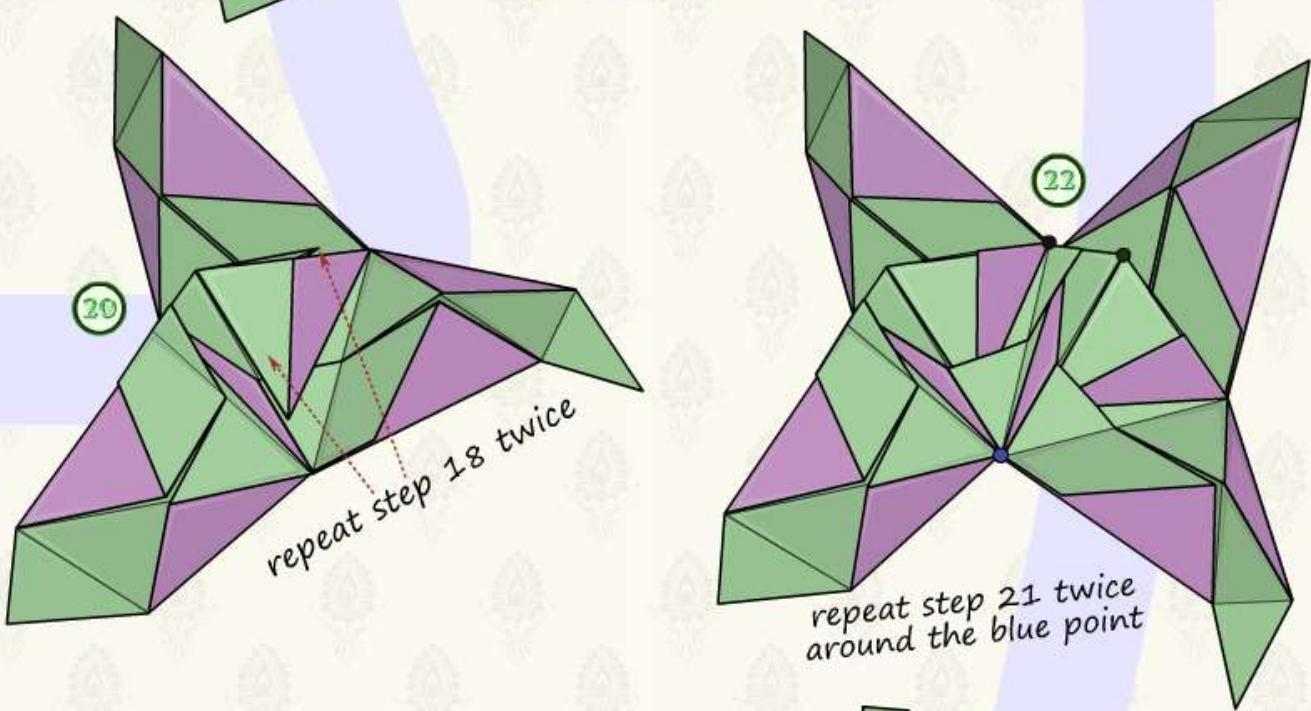
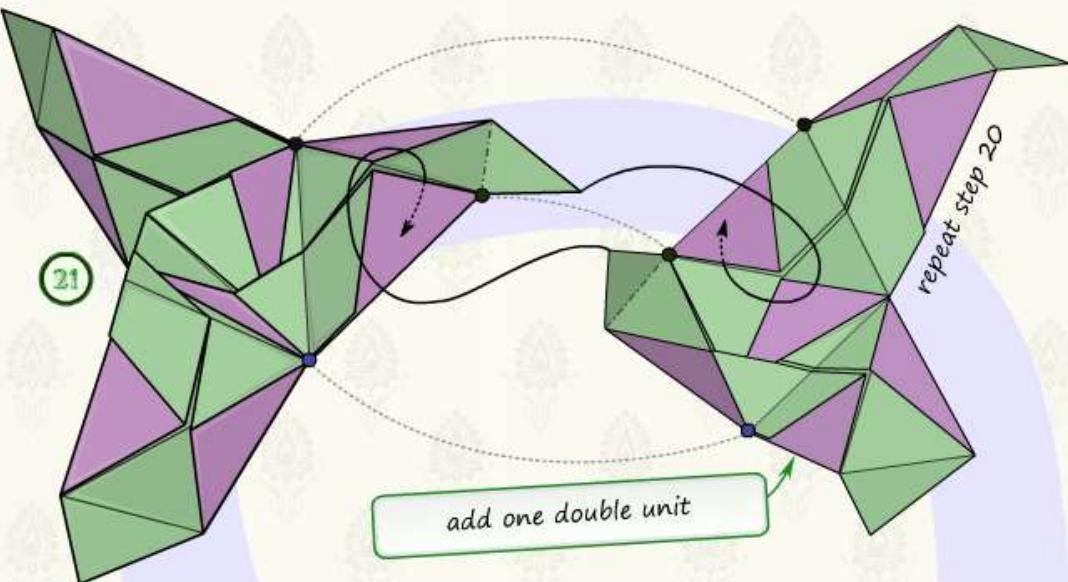
Paper size : 10 x 10 cm

Max score : 7 points

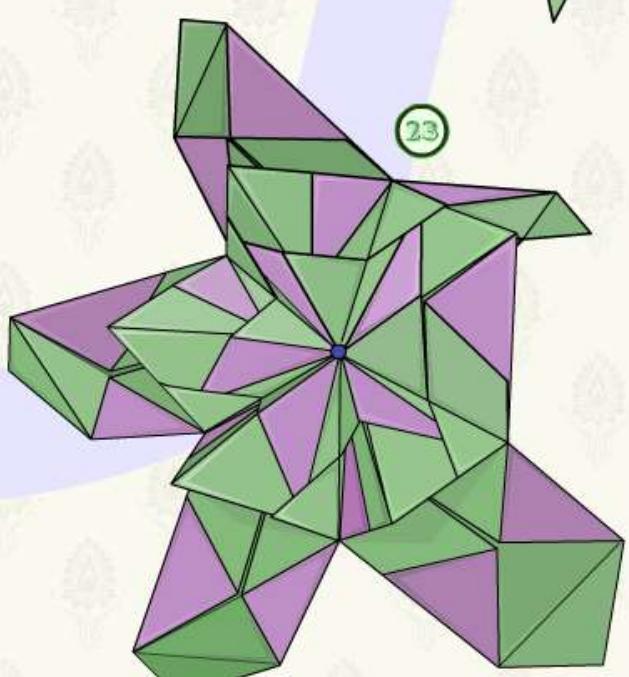
Units : 30



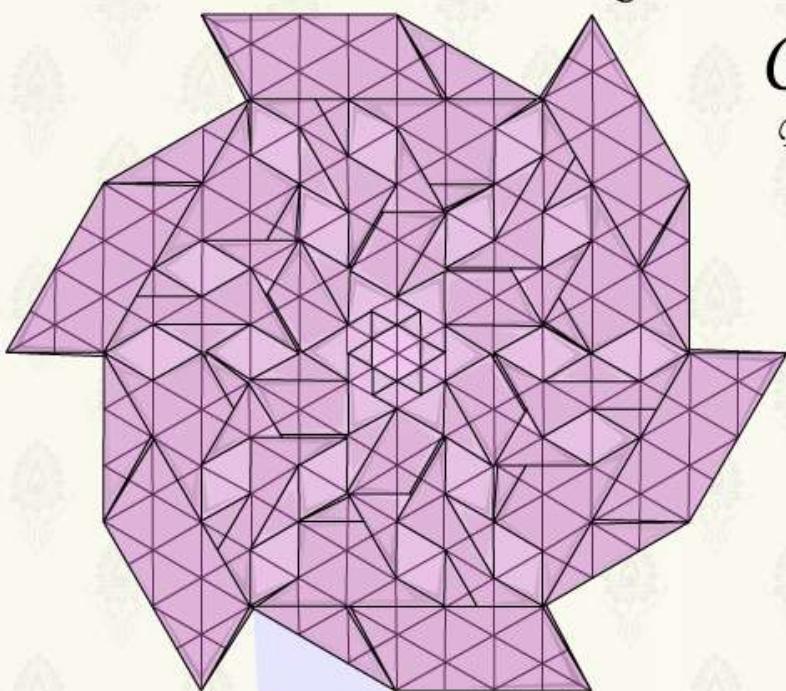




model is complete



## Task №8



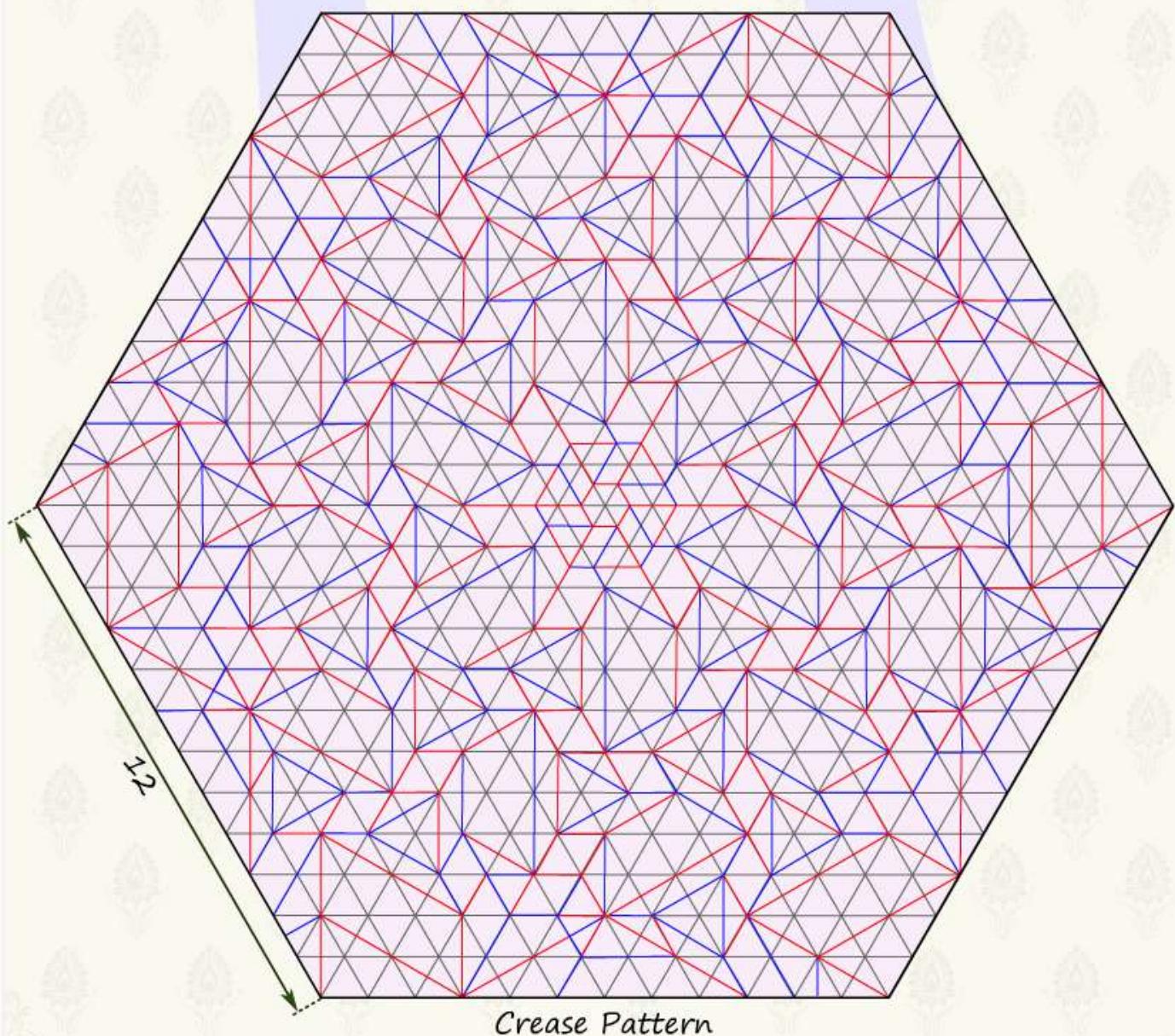
*Circular Saw Blade*  
Designed by Ryoichi Takagi

Difficulty : \*\*\*\*\* ---

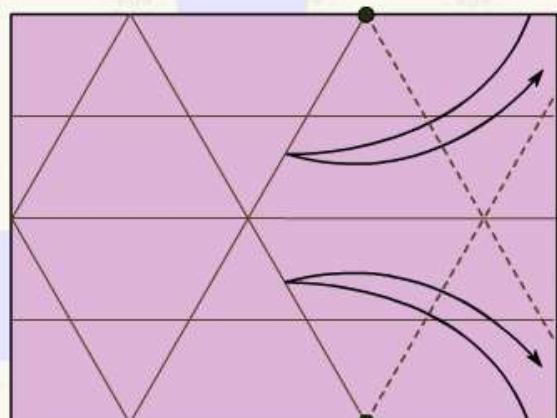
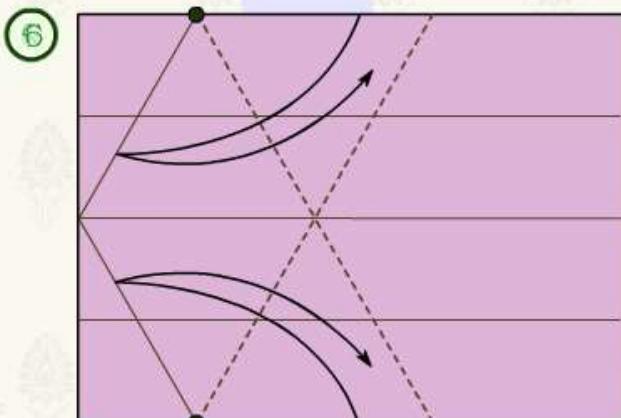
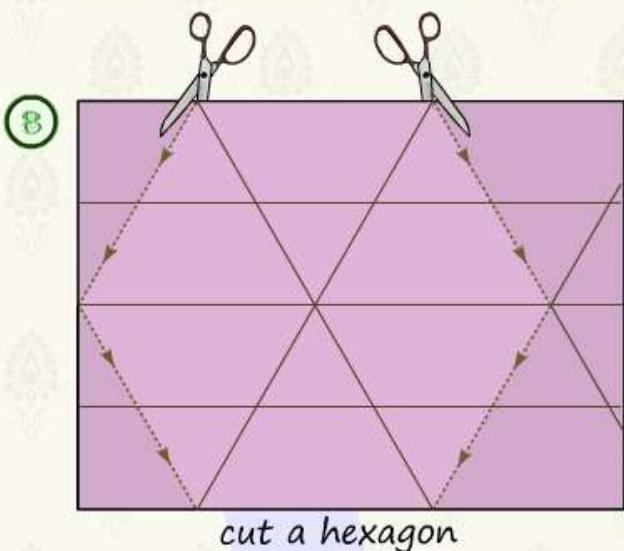
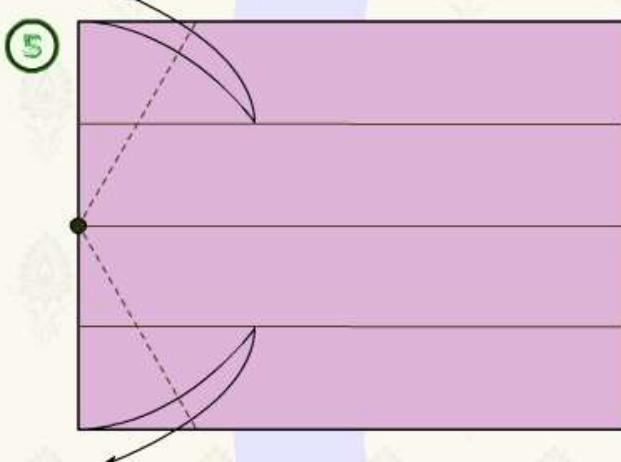
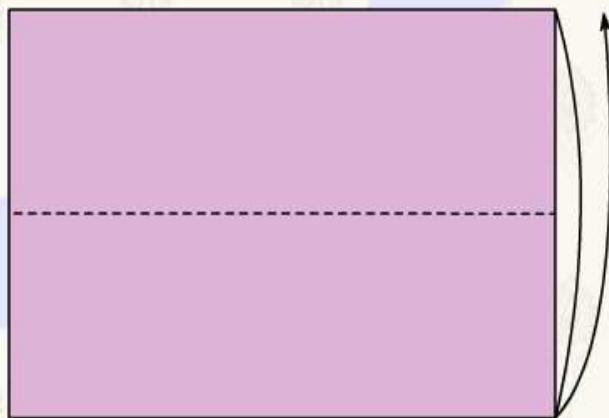
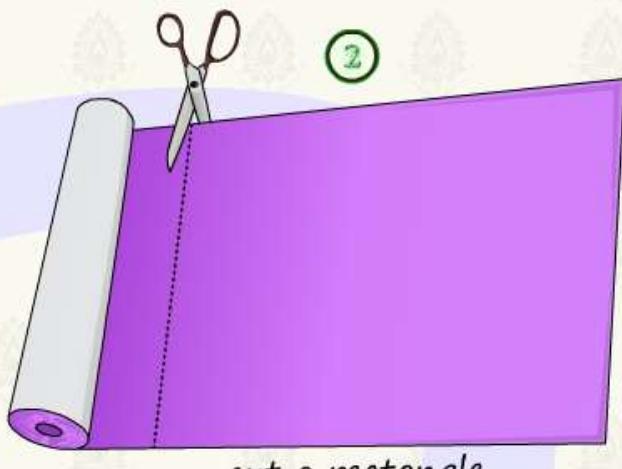
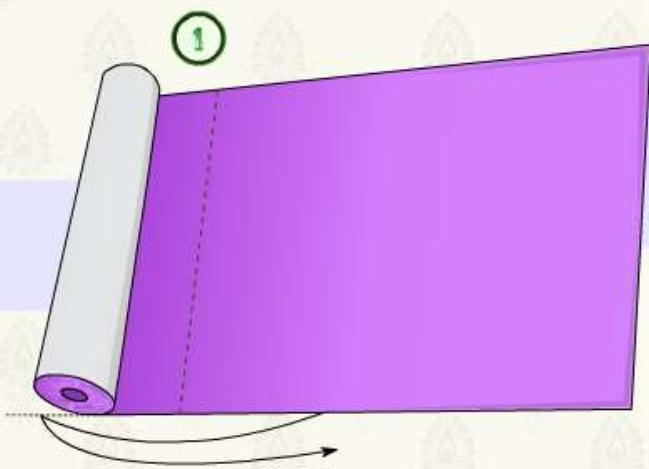
Paper :  $40\text{ g/m}^2$

Paper size :  $20 \times 20 \times 20\text{ cm}$

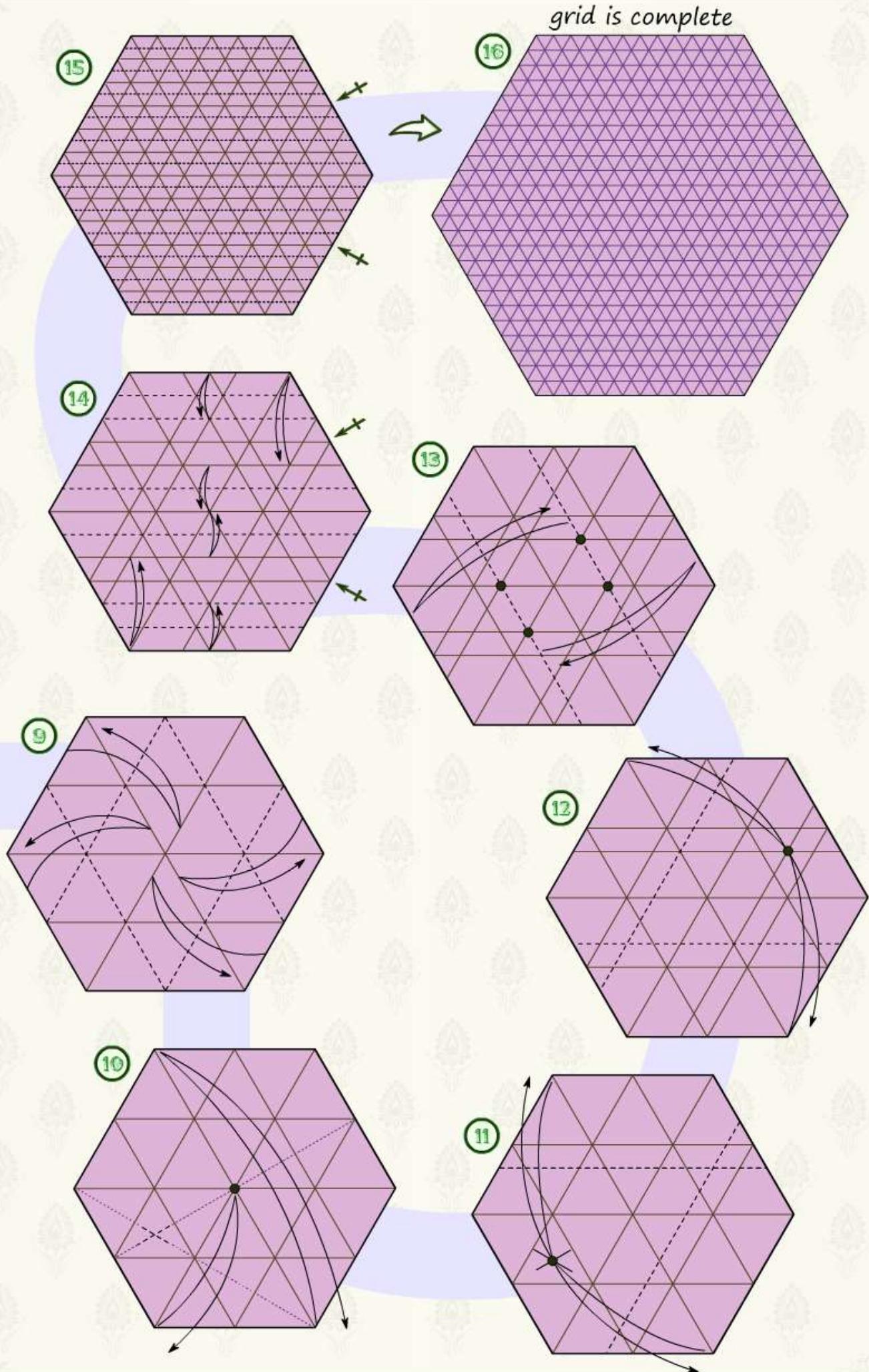
Max score : 7 points



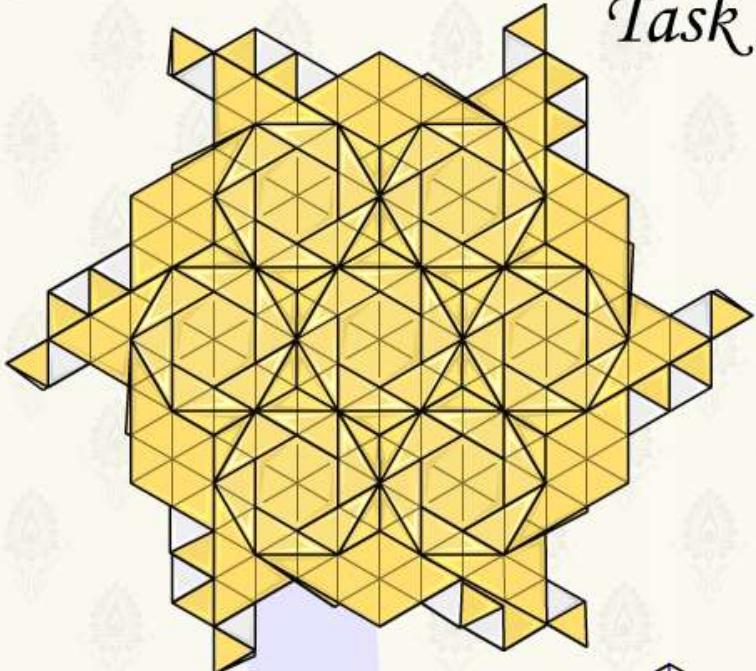
# Circular Saw Blade



# *Circular Saw Blade*



# Task №9



Семь сестёр

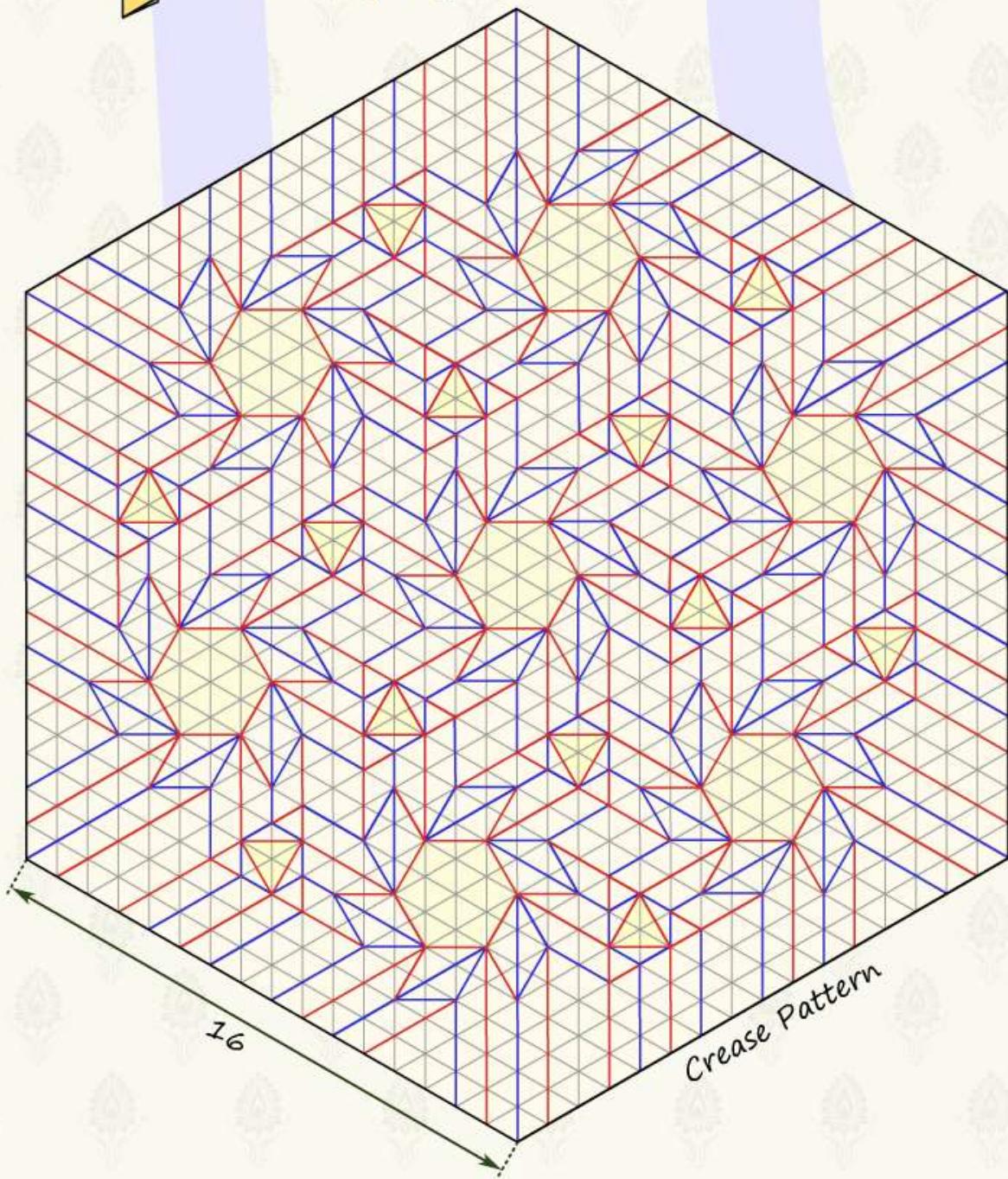
Designed by Peter Keller

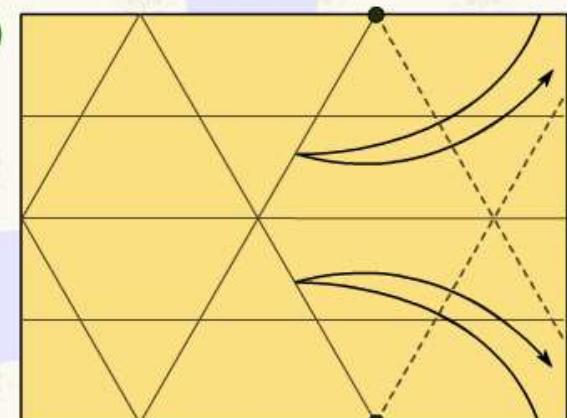
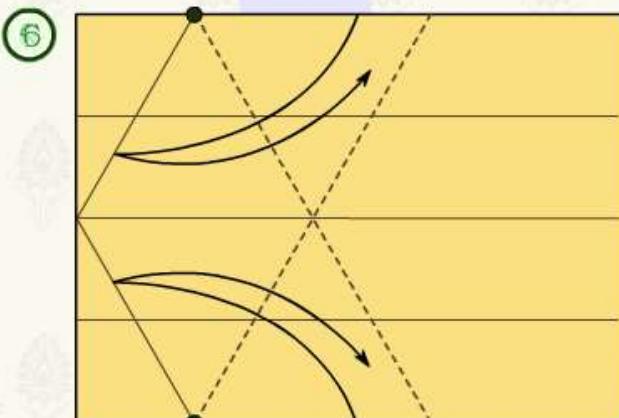
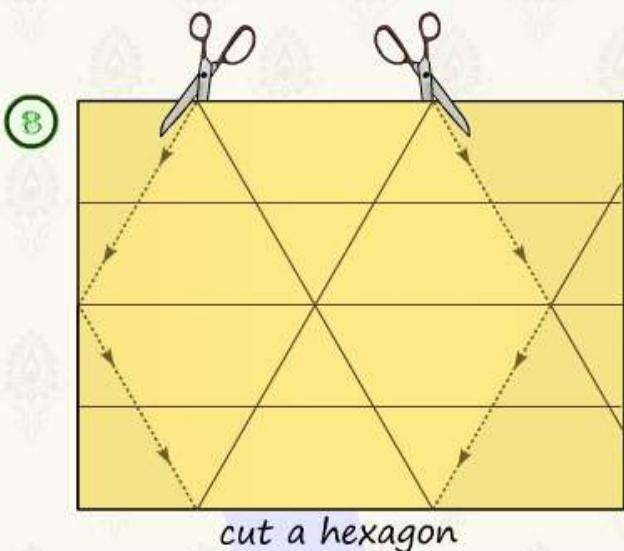
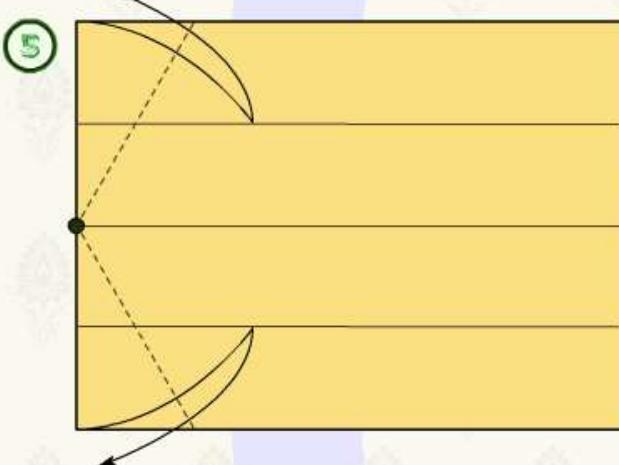
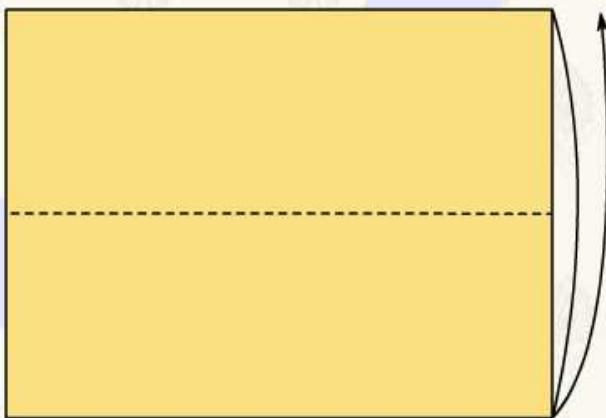
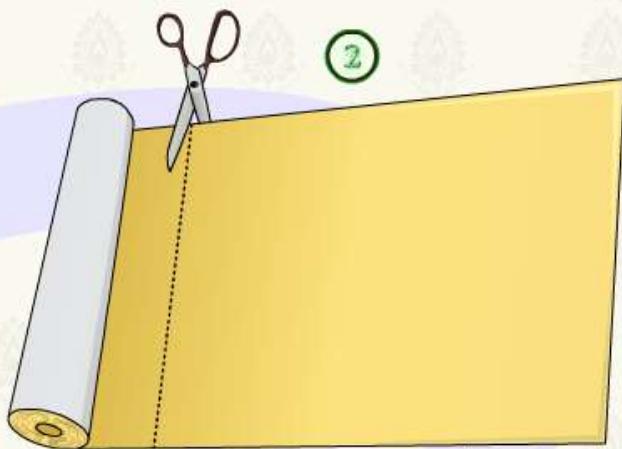
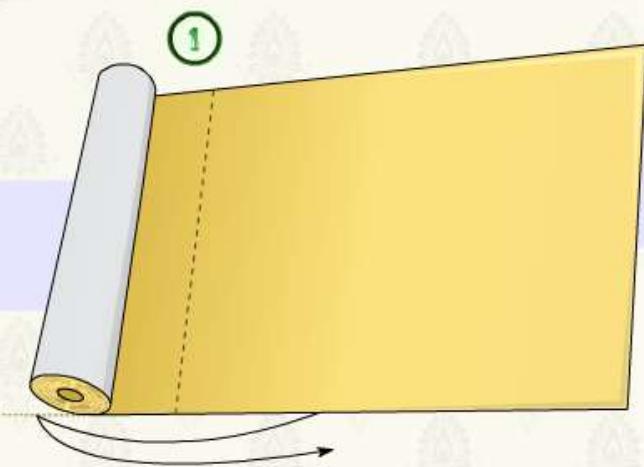
Difficulty : \*\*\*\*\* ---

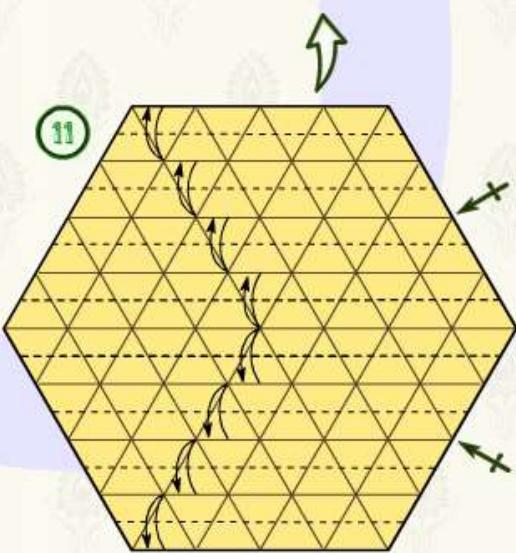
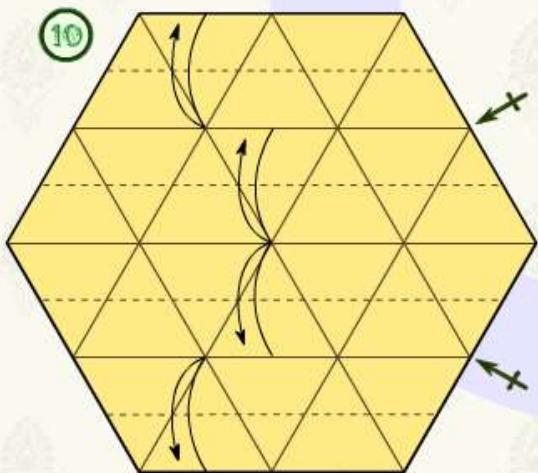
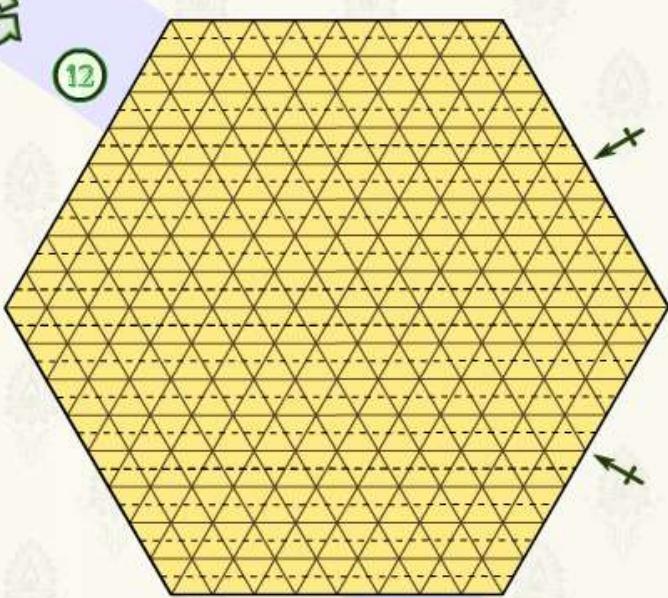
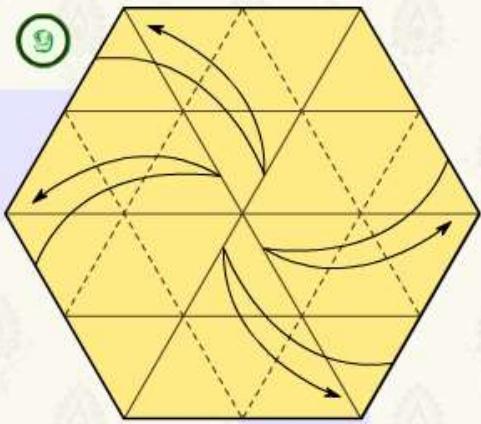
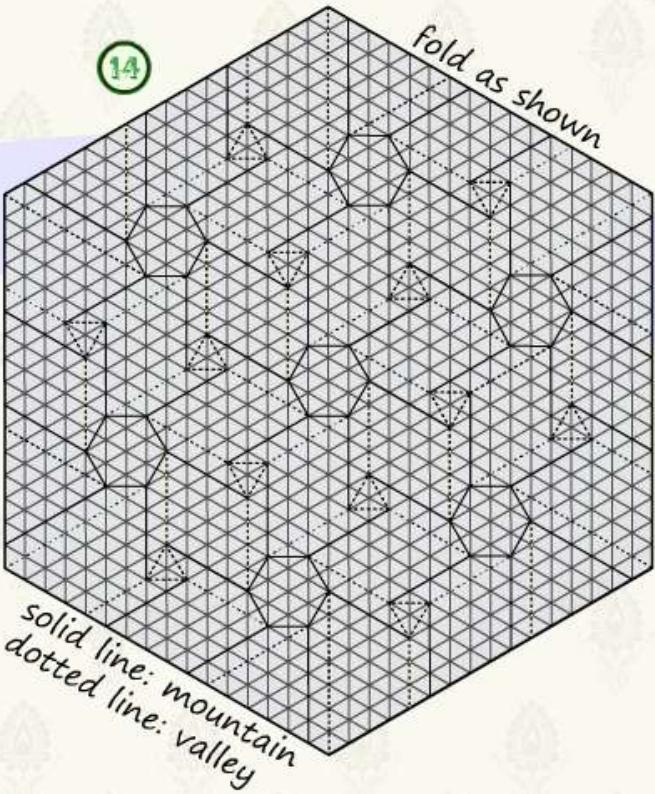
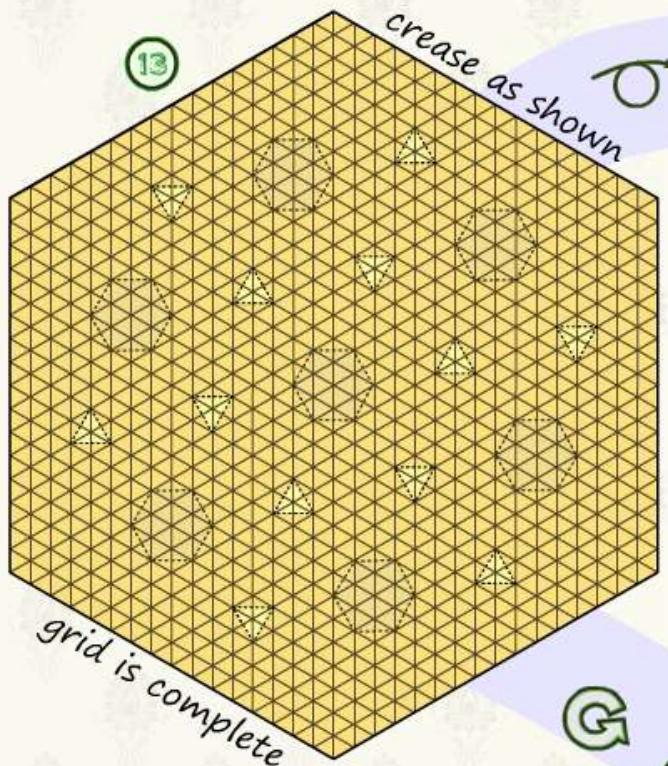
Paper : 40 g/m<sup>2</sup>

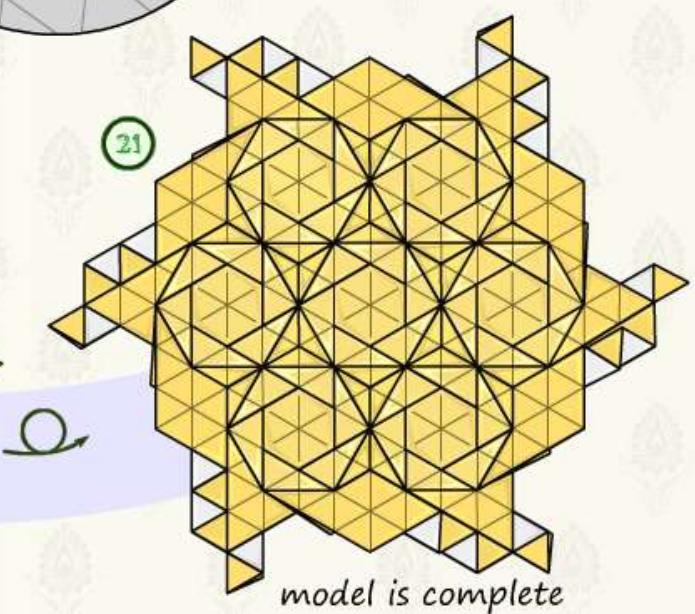
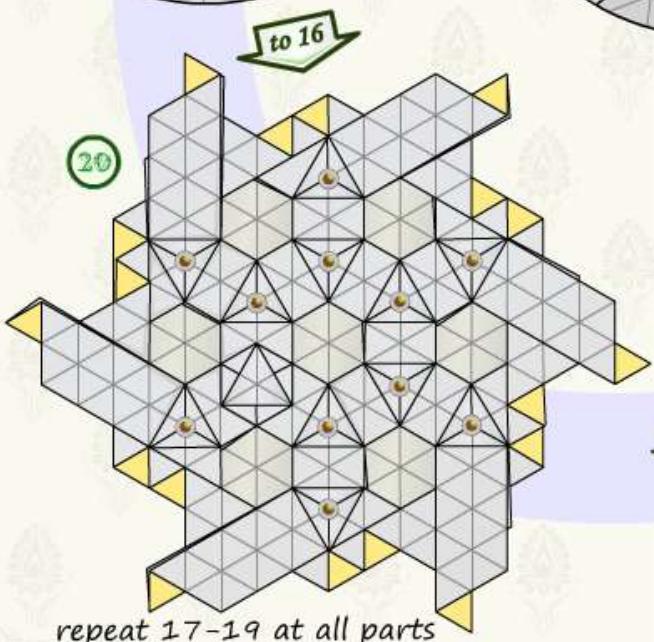
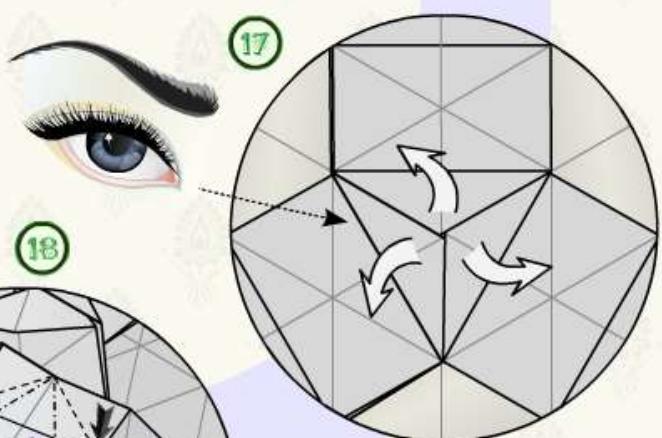
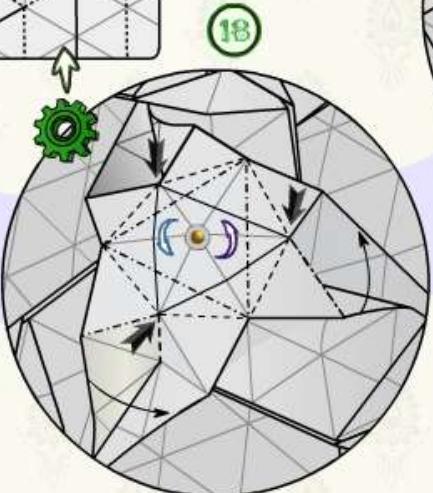
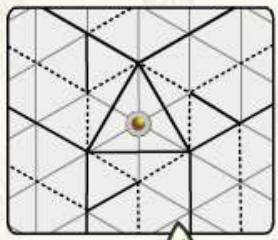
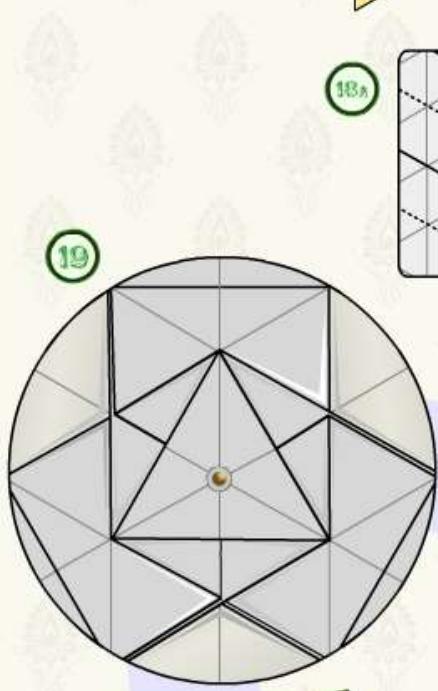
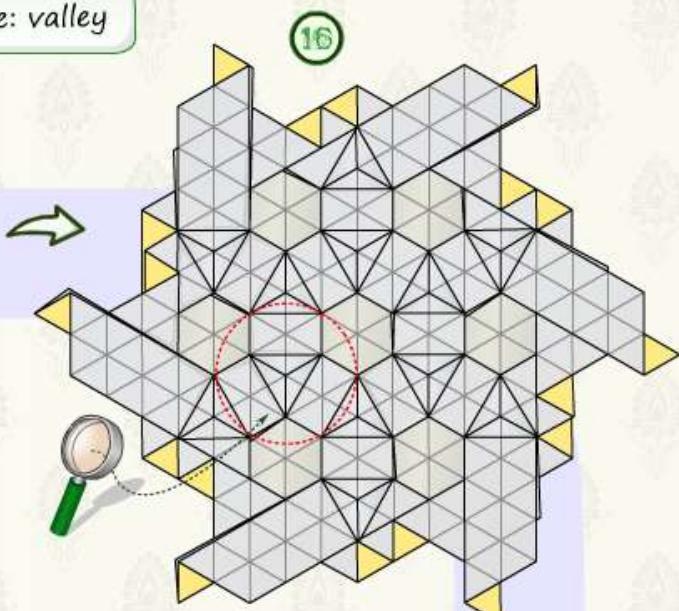
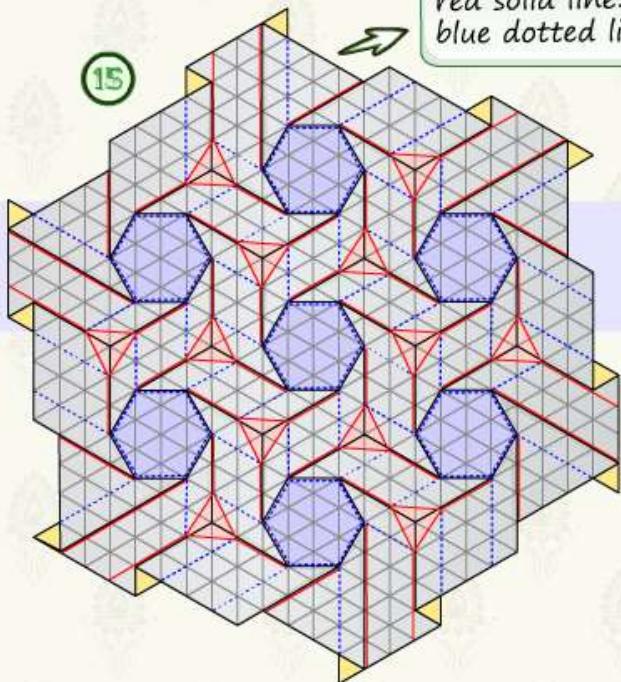
Paper size : 20 x 20 x 20 cm

Max score : 7 points





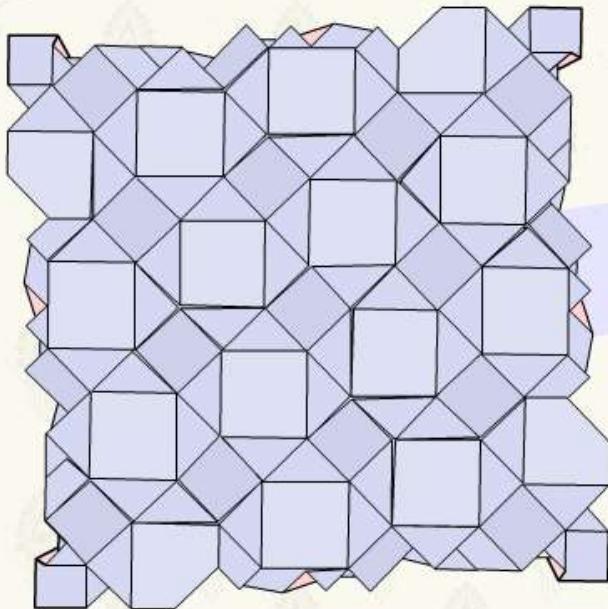




repeat 17-19 at all parts

## *Task №10*

*Accidental Pseudo Flagstone*  
Designed by Daniel Kwan

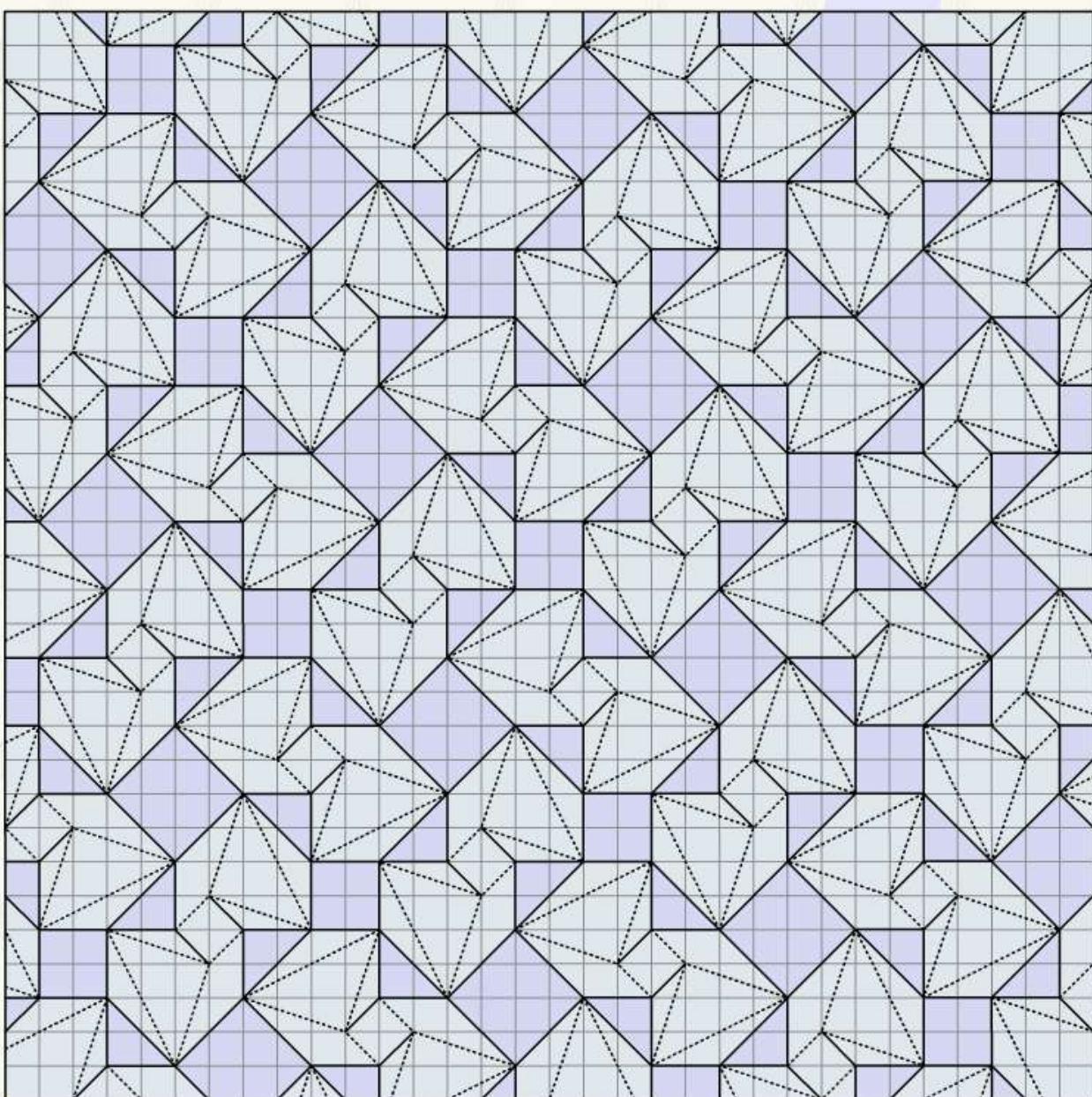


Difficulty : \*\*\*\*\* --

Paper : 40 g/m<sup>2</sup>

Paper size : 40 x 40 cm

Max score : 8 points



*Crease Pattern*

## Task №11

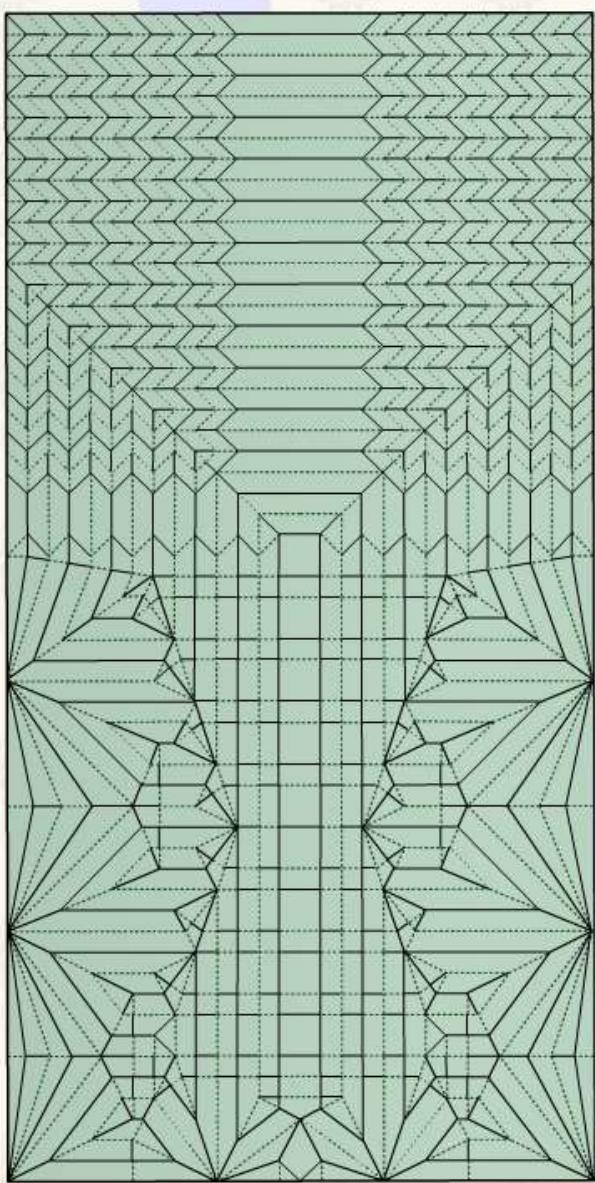
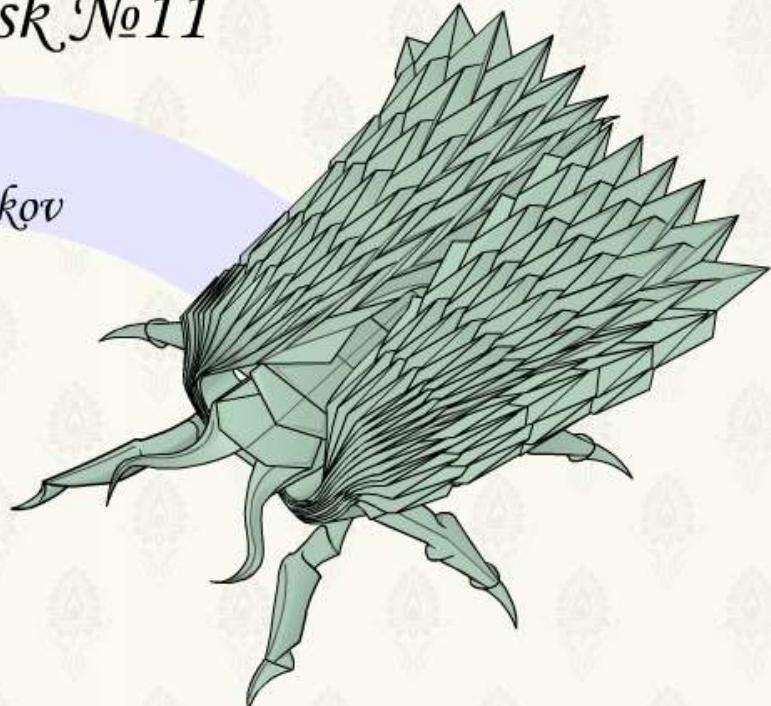
*Moth**Designed by Andrey Ermakov*

Difficulty : \*\*\*\*\* -

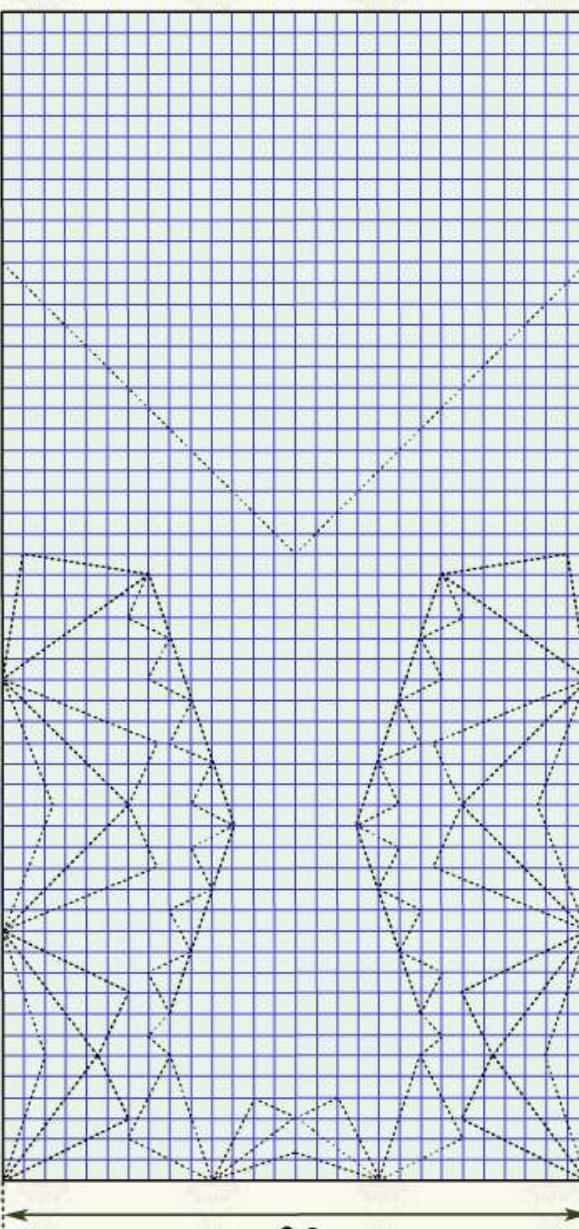
Paper : 30 g/m<sup>2</sup>

Paper size : 25 x 50 cm

Max score : 14 points



Crease Pattern



28

56

## *Task №12*

### *"Happiness"*

*Maximum score: 15 points*

*In this task we propose you to create your own model.*

*The topic is very broad and allows you to demonstrate your folding skills.*

*You can choose any subject you want if it matches the topic. It can be just merry faces, smiles or something that makes you happy: your own dreams and deepest desires.*

*The model can be created in any style, technique and complexity level.*

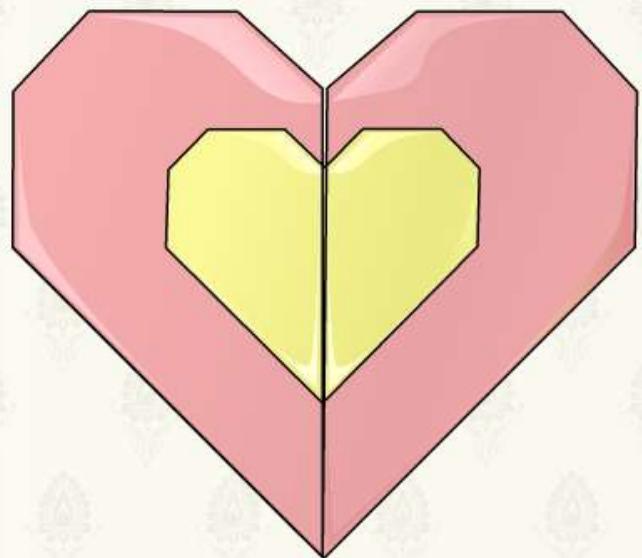
*But there still are a few basic rules:*

- one convex polygon sheet of paper (e.g. square, rectangle, triangle, pentagon, hexagon, etc.);
- any color, size, type of paper, etc.
- you can use MC+paper, foil-paper, wet-folding as well;
- no cut, no glue;
- no painting or varnishing of the finished model (you still can paint the paper before you start folding);
- minimal editing of the pictures is allowed as long as it doesn't affect the appearance of the model. E.g. you can crop photos, reduce the noise, change color balance but you must not add, erase or change any details;
- you can make a composition photo with as many different models as you like, but only one of them will be judged (you must specify which one is it);
- you must include CP or other information about your model (so jury can see that the rules are observed).



*Good Luck!*

*Saint Petersburg*  
2014



*The End*

