IX International Origami Internet Olympiad

Round 2

© Andrey Ermakov

Anhelina Patsevich ©

Russia 2021

IX International Origami Internet Olympiad

Edited by Andrey Ermakov
Test folding by Peter Stein,
Dzmitry Lysiuk,
Anhelina Patsevich
Cover by Anhelina Patsevich

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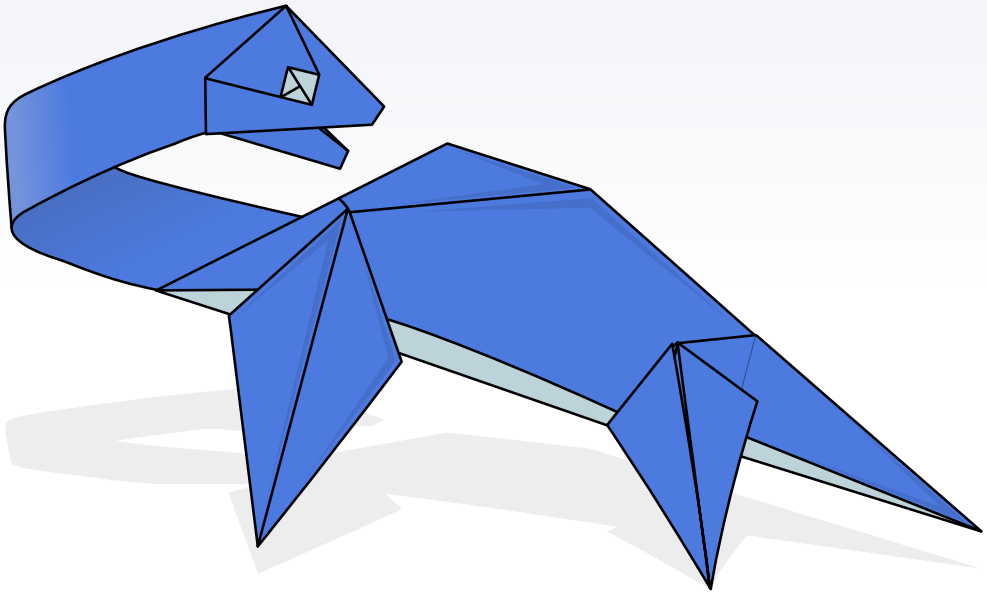
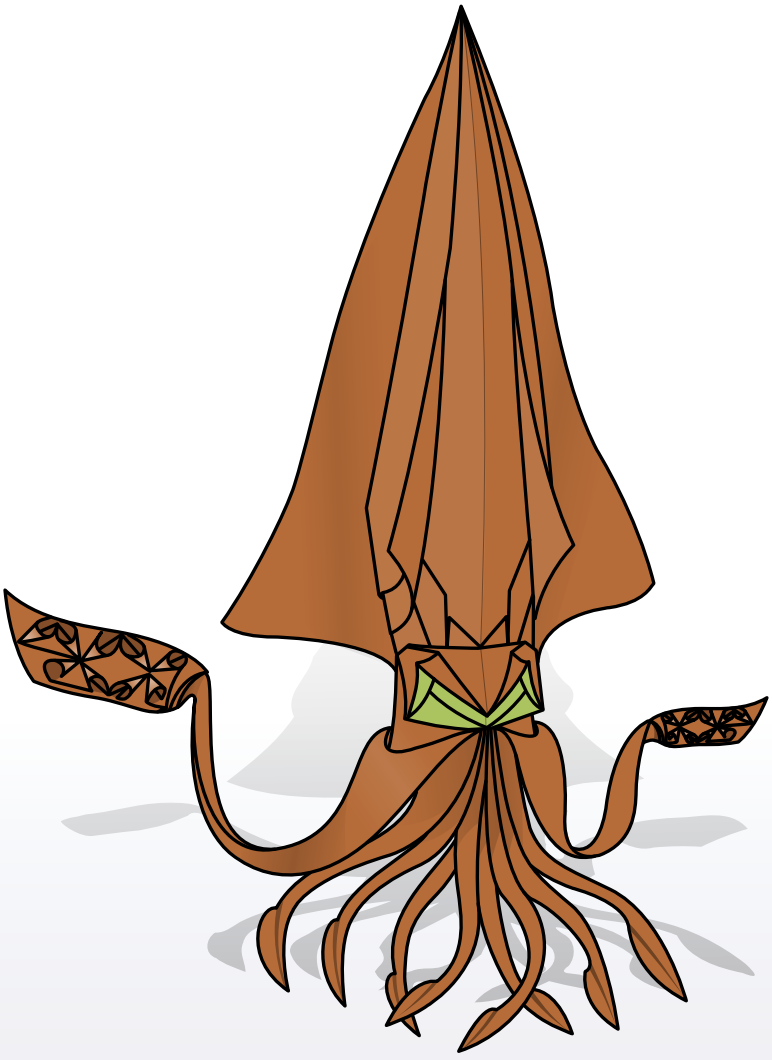
IX International Origami Internet Olympiad





Round 2

Jury:

Andrey Ermakov - founder of the olympiad

Dzmitry Lysiuk - IOIO-2011, IOIO-2015 champion

Peter Stein - IOIO-2014 champion

Anhelina Patsevich - origami artist

Designers:

Alejandro Pascual Marquez (Spain)

Jun Zi You (China)

Anhelina Patsevich (Belarus)

Andrey Ermakov (Russia)

Peter Keller (Germany)

Edward Mistretta (USA)

Arseni Kazhamiakin (Belarus)

Olympiad is conducted in the Internet.

All official announcements are available on the web:

- snkhan.co.uk
- instagram.com/ermakov_origami

Contents:

Rules 6

Diagrams:

Task 1. Elasmosaurus 7
Task 2. Moose 14
Task 3. Devil 25
Task 4. Squid 36

Kusudama:

Task 5. Lilac 55

Crease Pattern:

Task 6. Lynx v.1. 0 64

Tessellations:

Task 7. Kaleidoscope Recursion 67
Task 8. It Is Wednesday 71
Task 9. Sisyphus Tessellation 75

Corrugation:

Task 10. Hyppocampus 76

Your Own Project Theme:

Task 11 87

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. Recommended size of pictures is from 640x640 to 1500x1500 pixels. Please don't send us smaller pictures and don't combine several photos into one!

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. Upload the photos to your profile before the deadline (November 25). Check the timer in your profile.

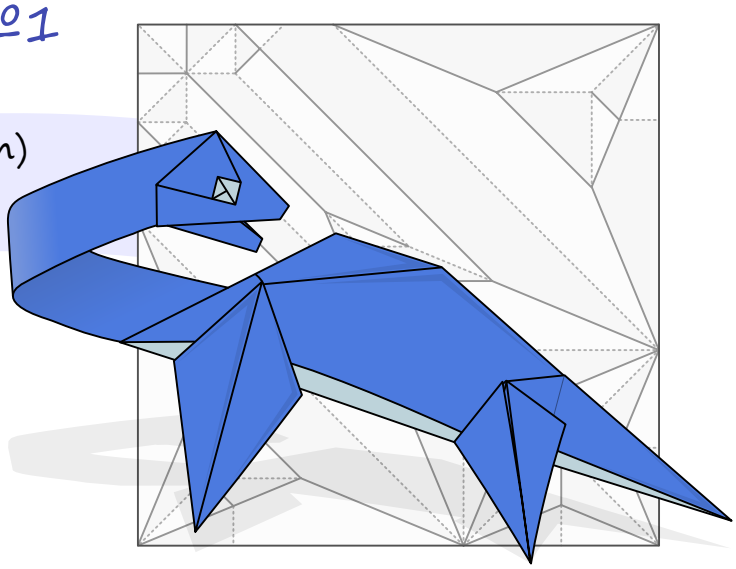
7. The winners of the first round are determined based on the number and quality of completed tasks. Check your profile for the further instuctions.

8. Participants should not upload photos of their round 2 models to the Internet until round 2 ends (November 25).

Task №1

Elasmosaurus

Alejandro Pascual Marquez (Spain)



Difficulty: *****_____
Paper: 40-50 g/m²
Paper size: 30-30 cm
Max score: 5 points

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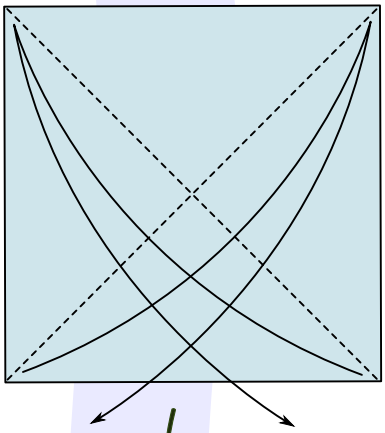

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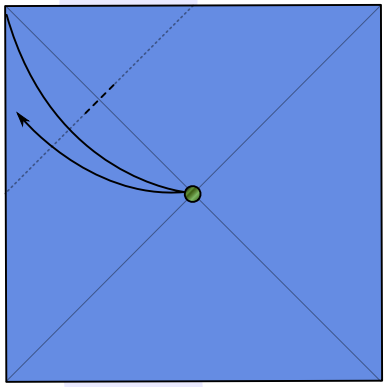

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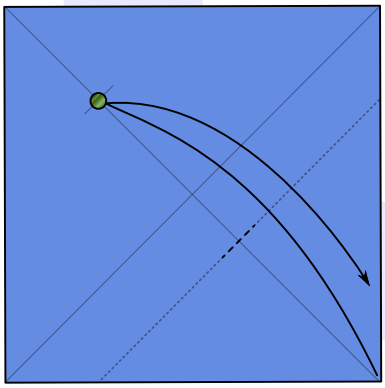

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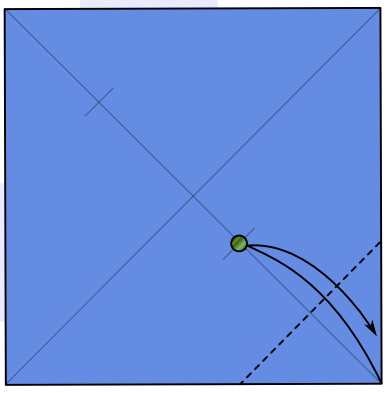

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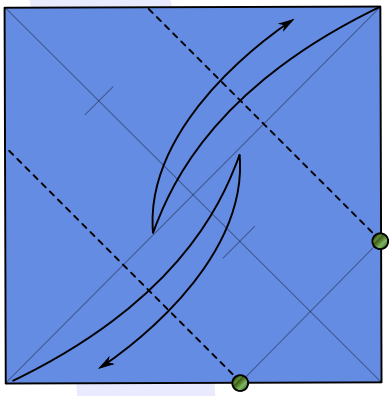

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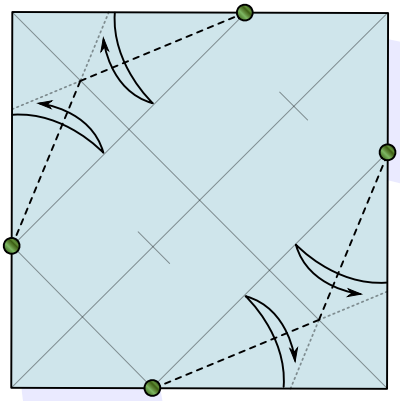

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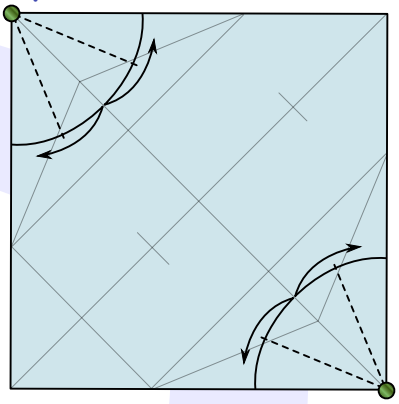

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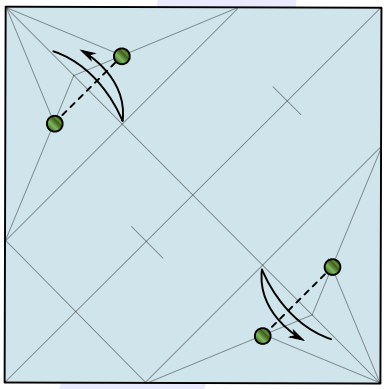

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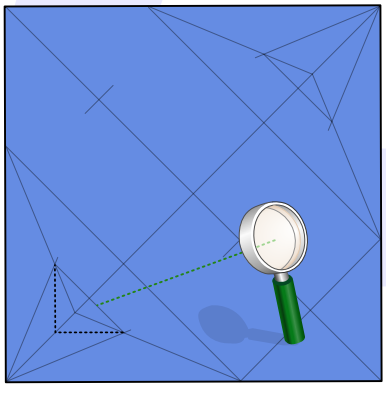

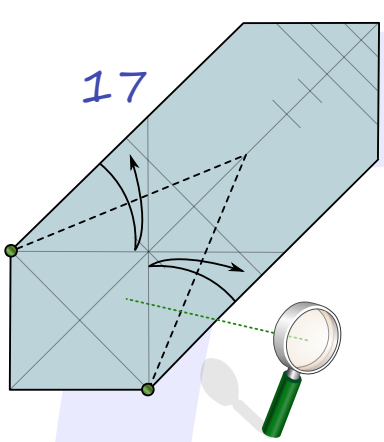

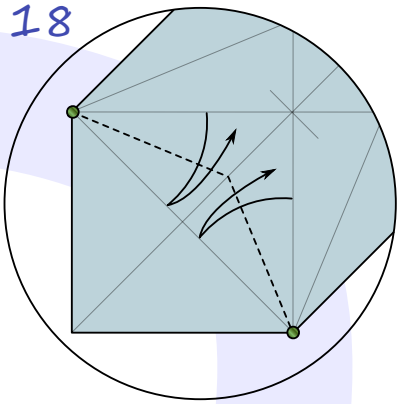

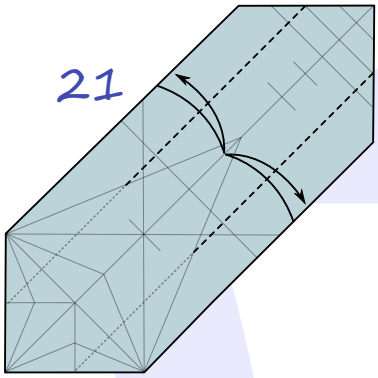

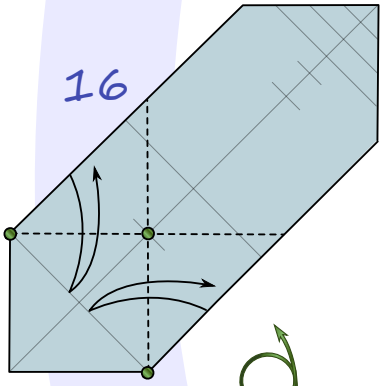

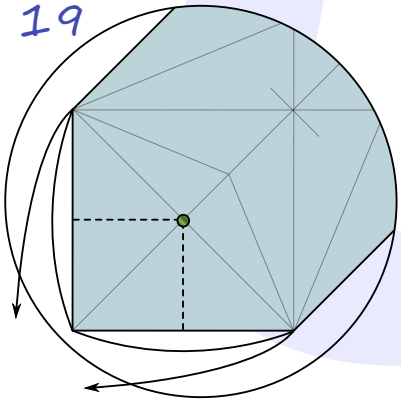

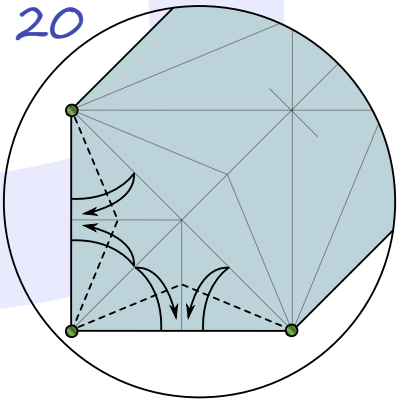

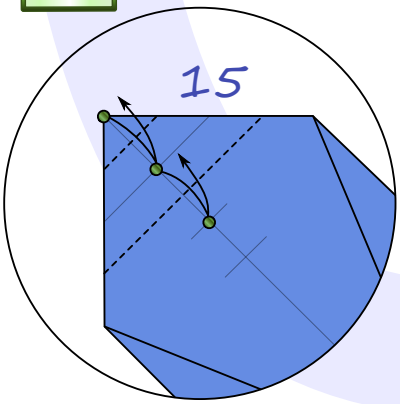

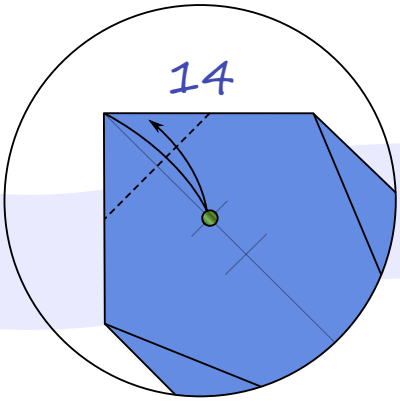

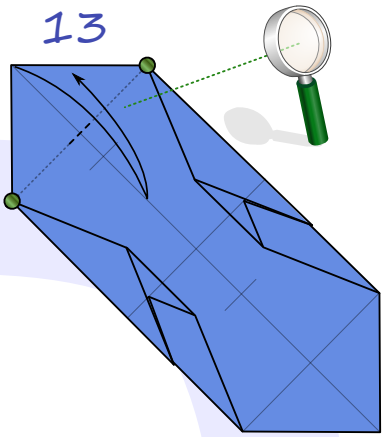

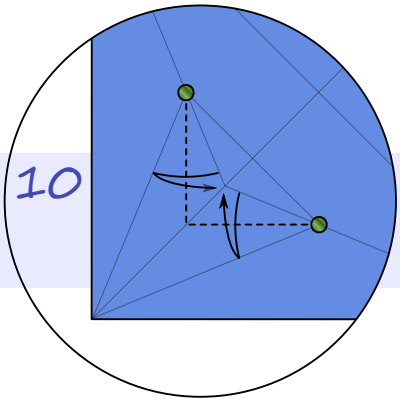

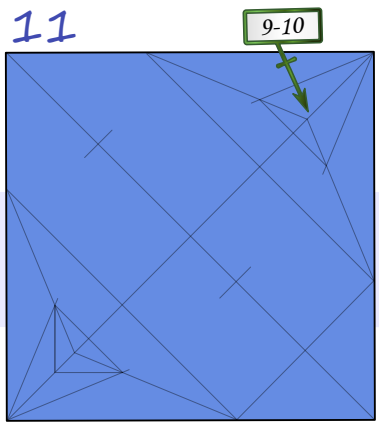

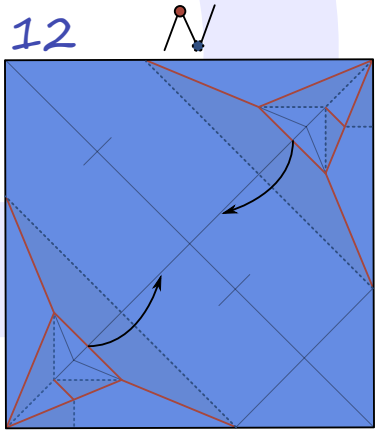

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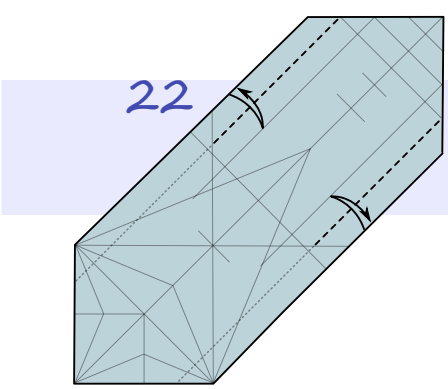

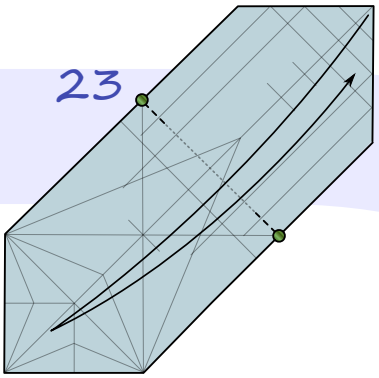

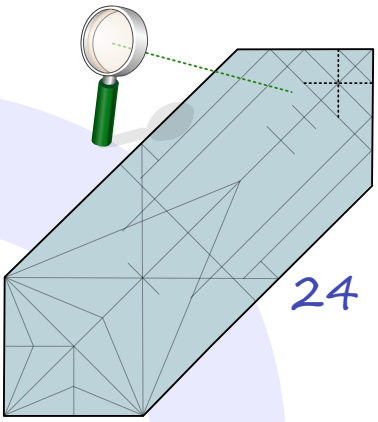

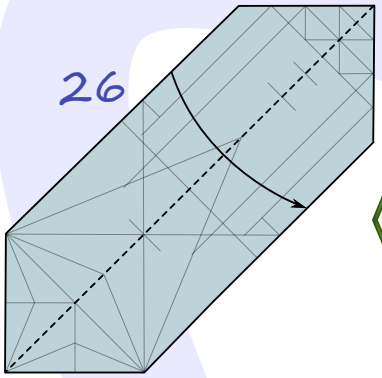

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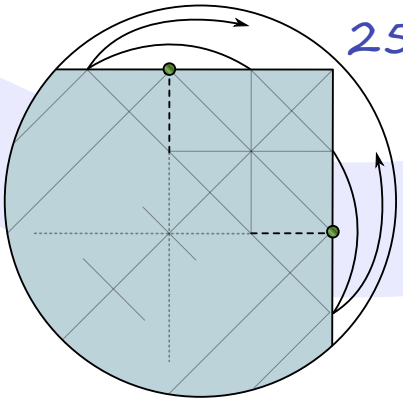

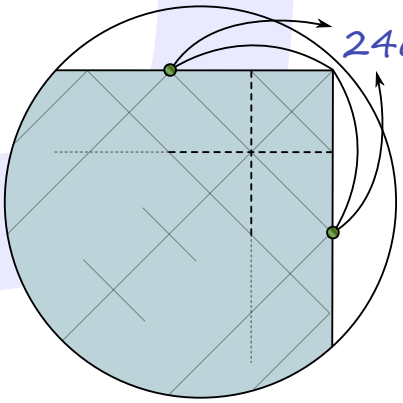

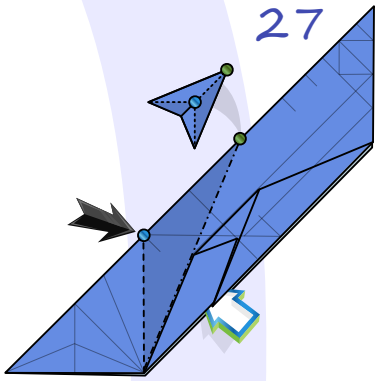

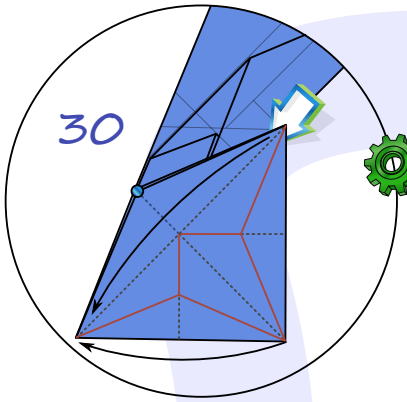

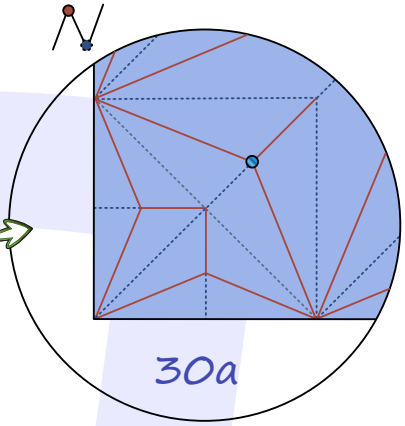

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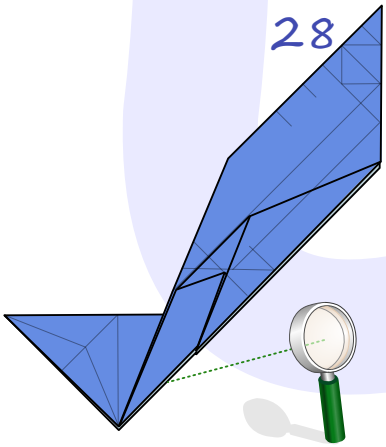

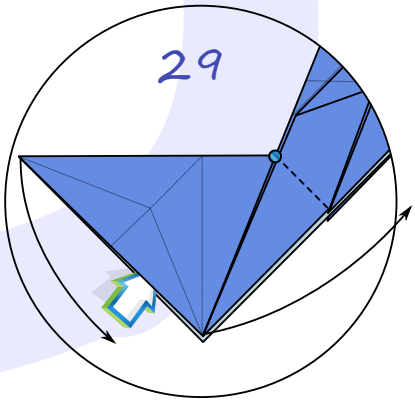

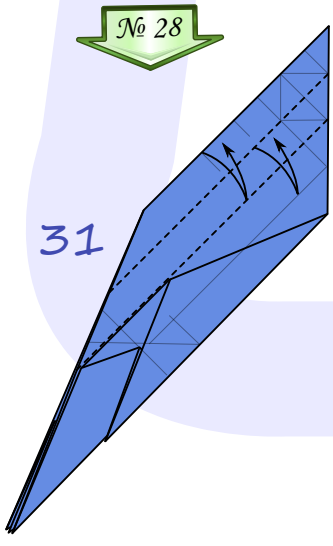

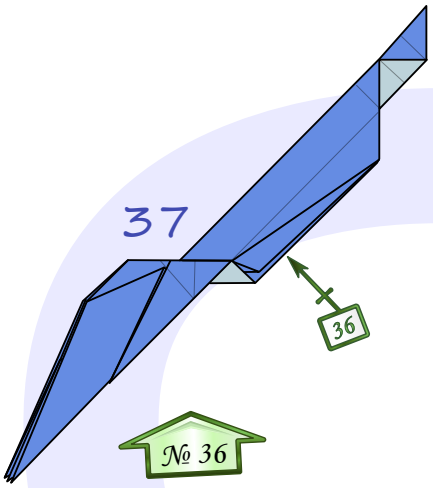

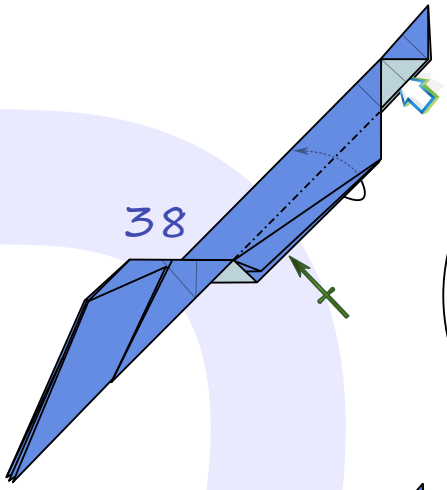

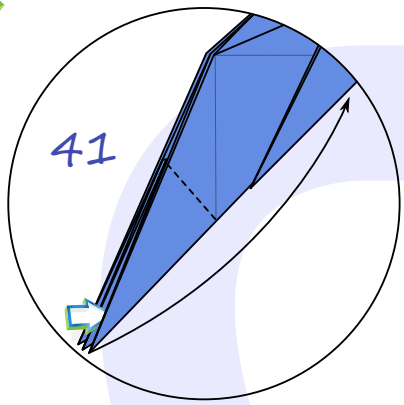

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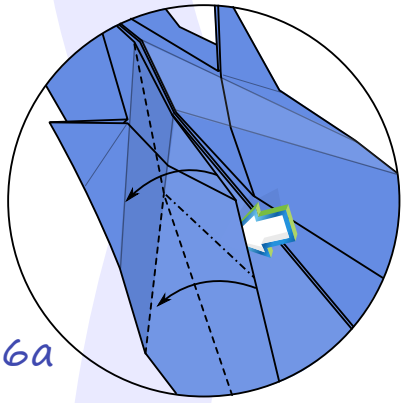

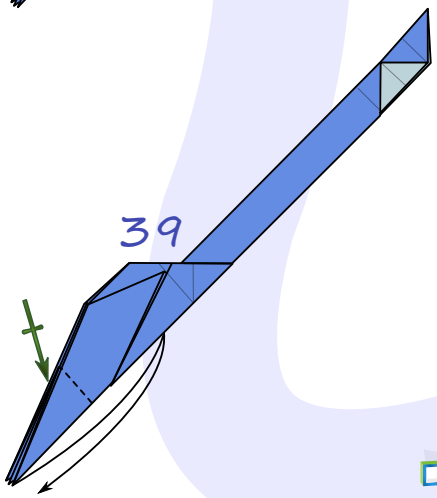

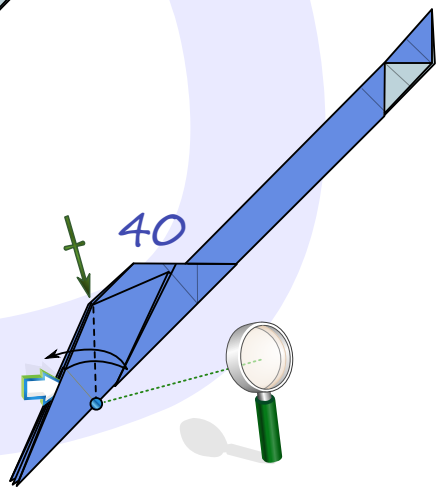

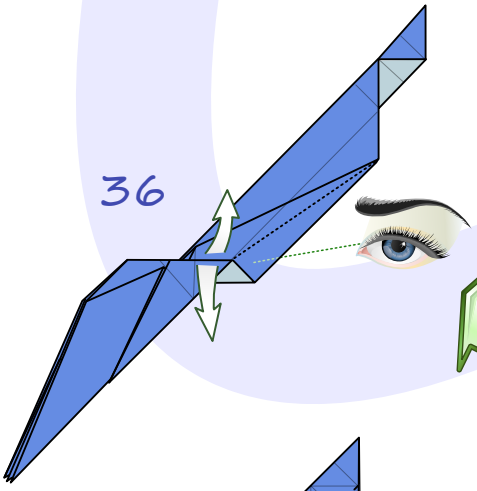

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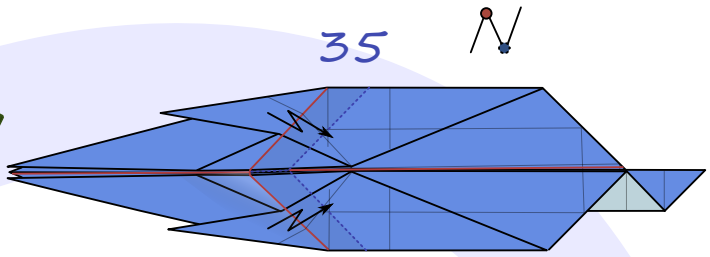

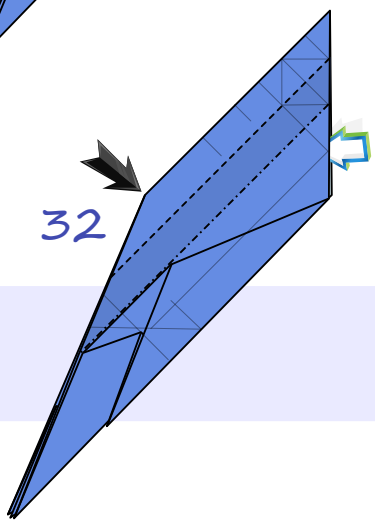

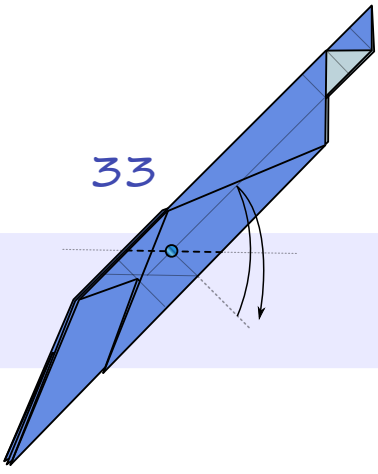

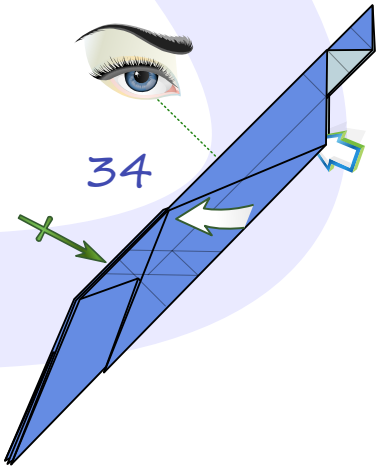

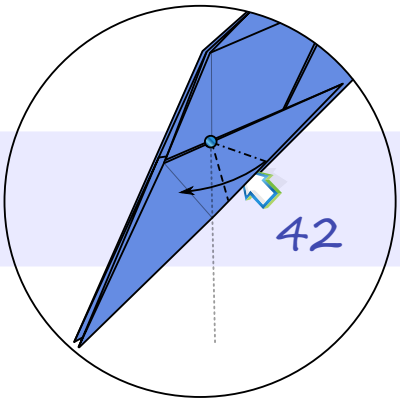
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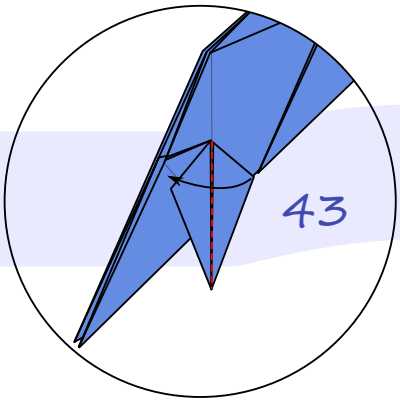
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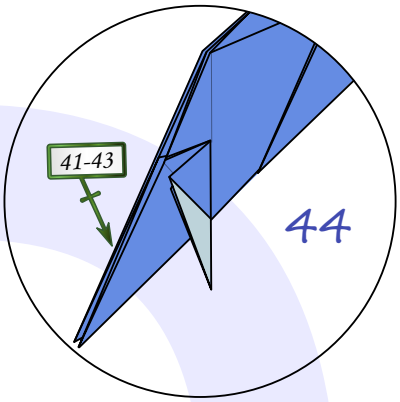
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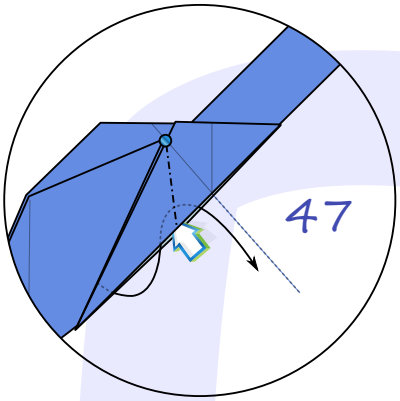
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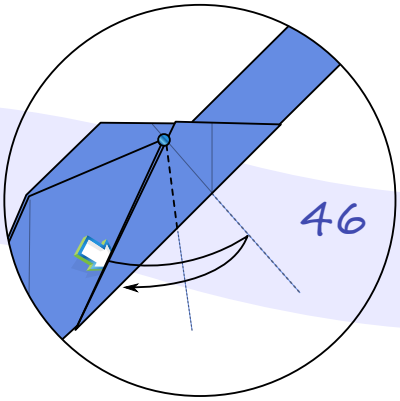
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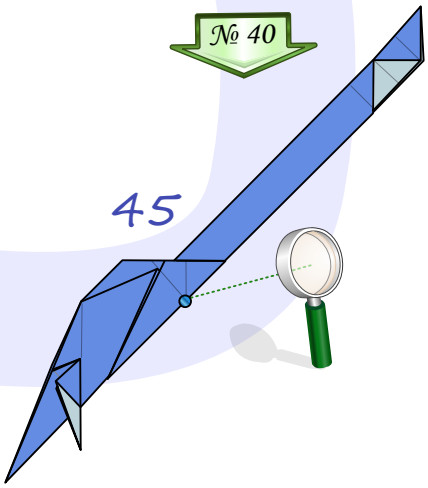
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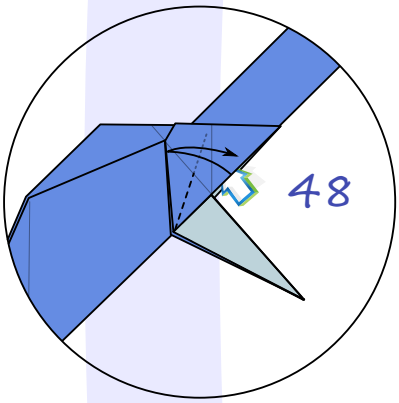
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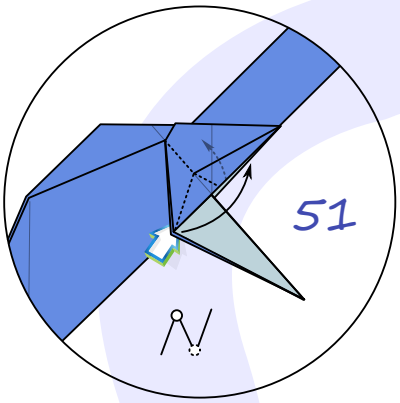
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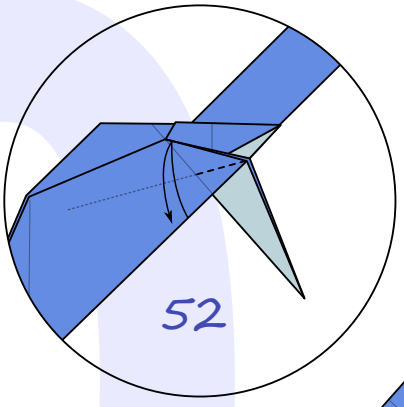
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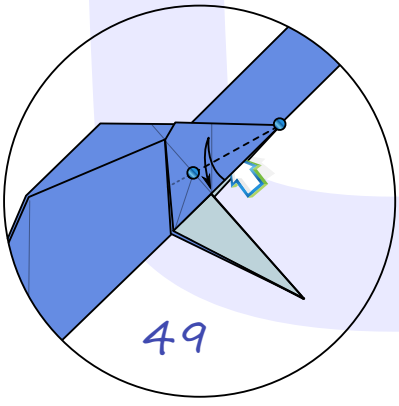
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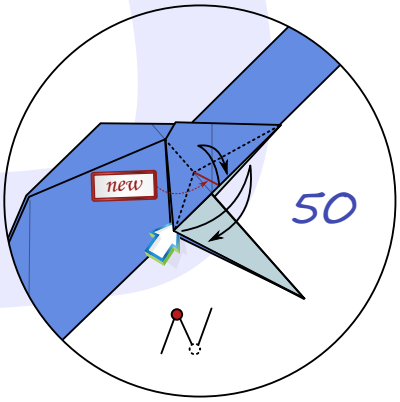
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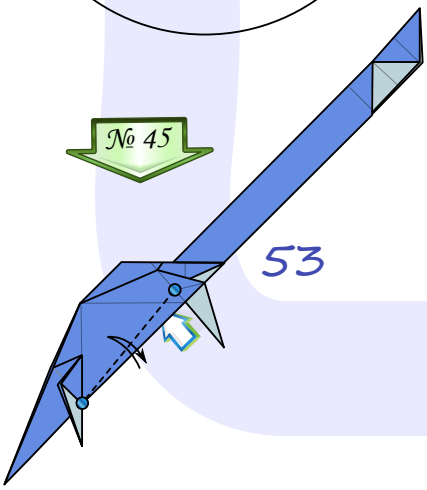
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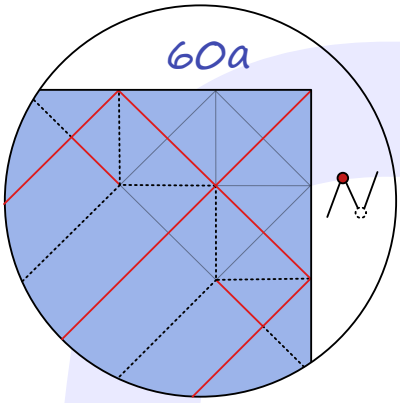
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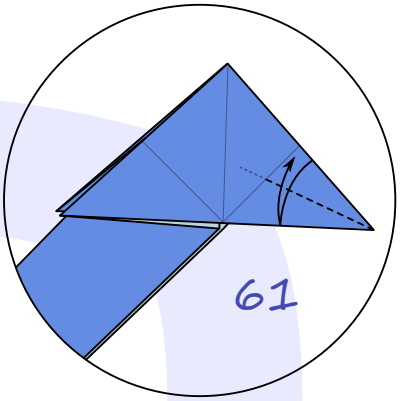
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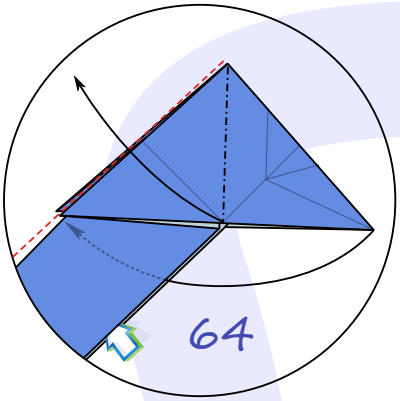
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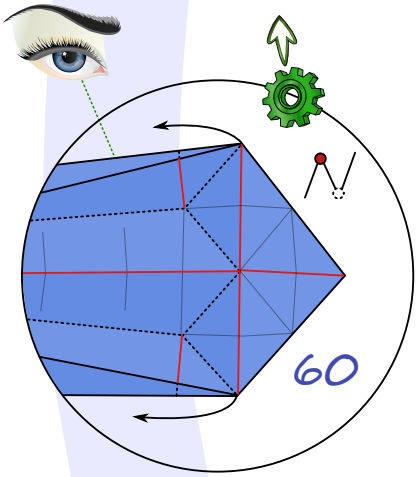
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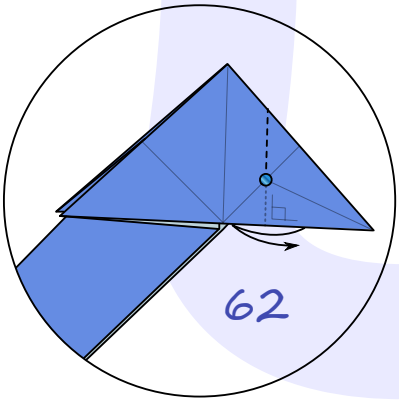
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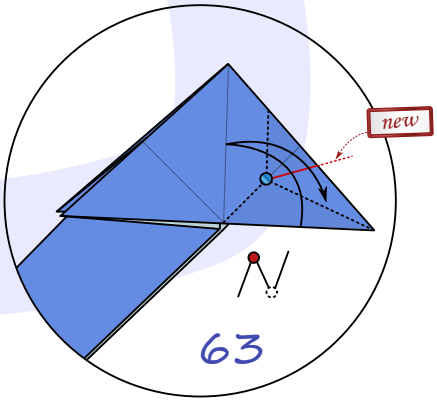
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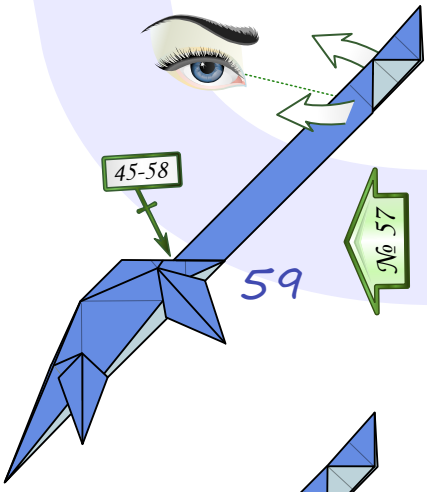
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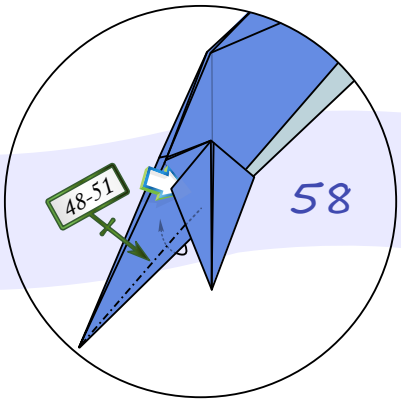
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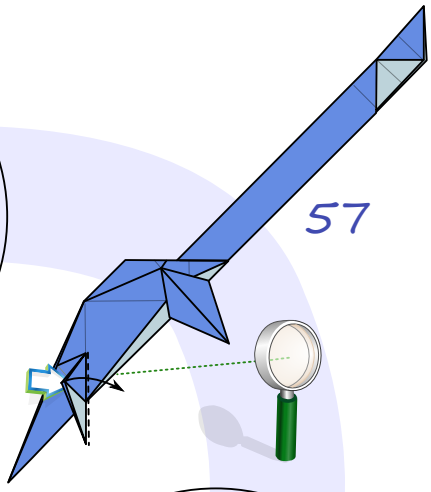
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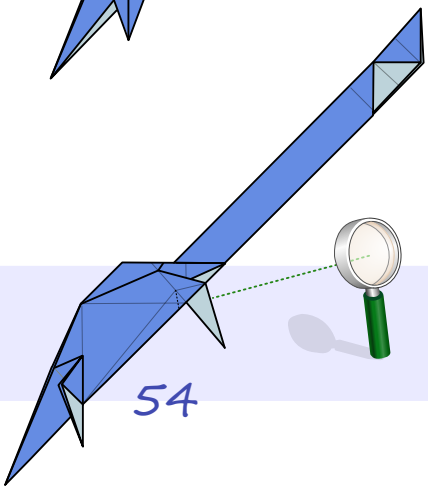
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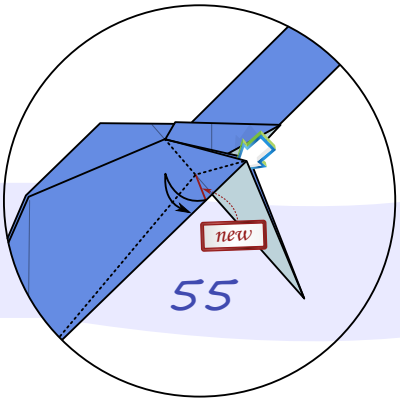
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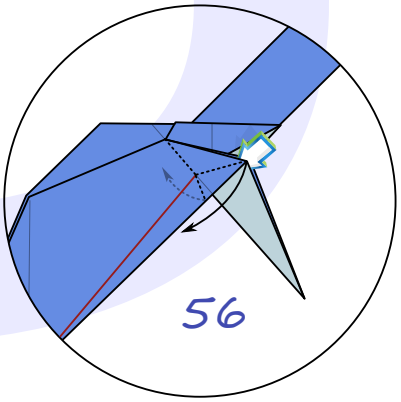
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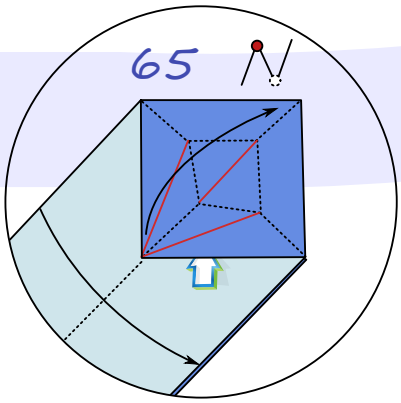
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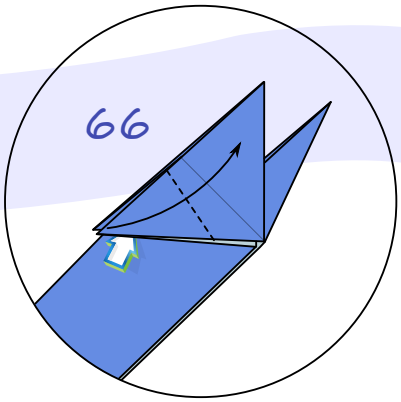
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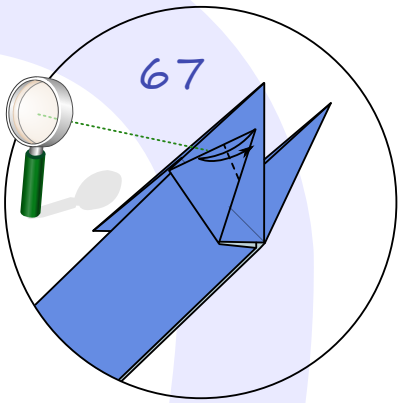
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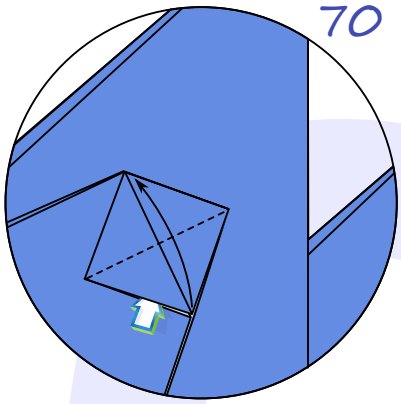
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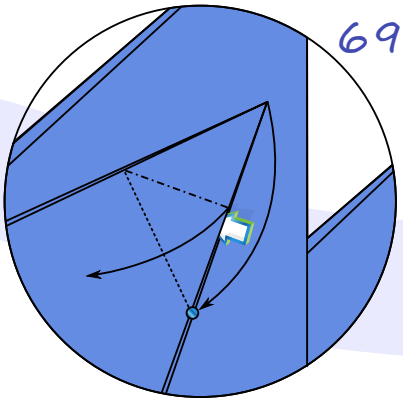
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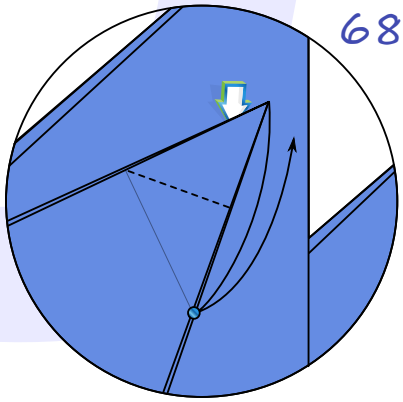
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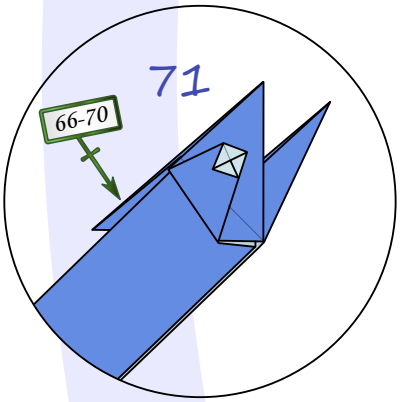
71
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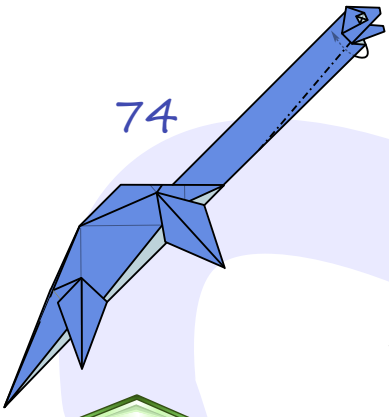
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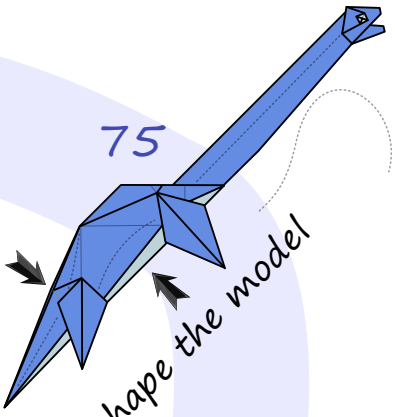
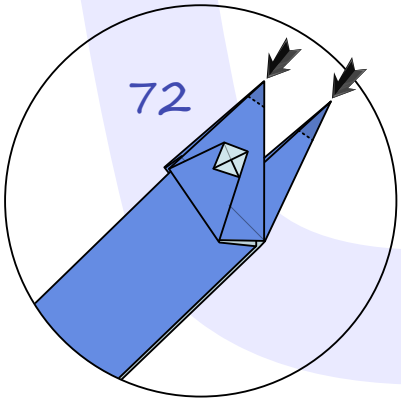

75
shape the model

№ 59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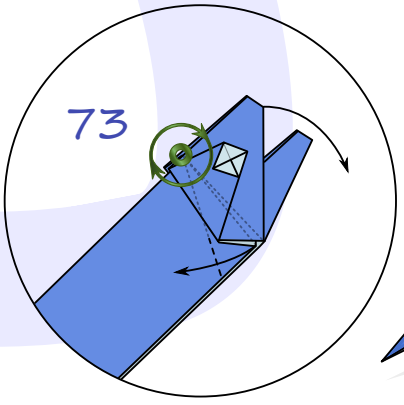
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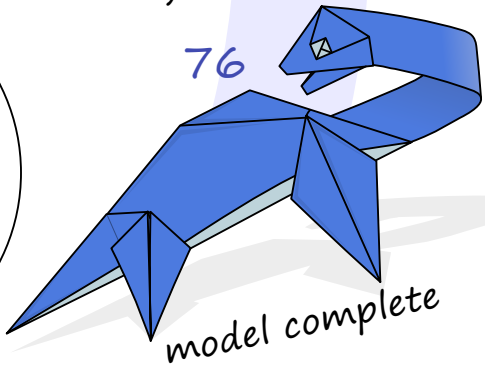
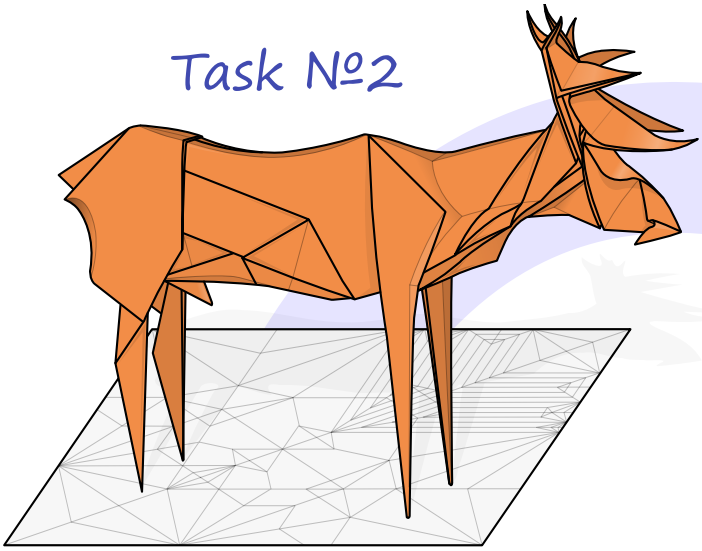

76
model complete

Task №2



Moose

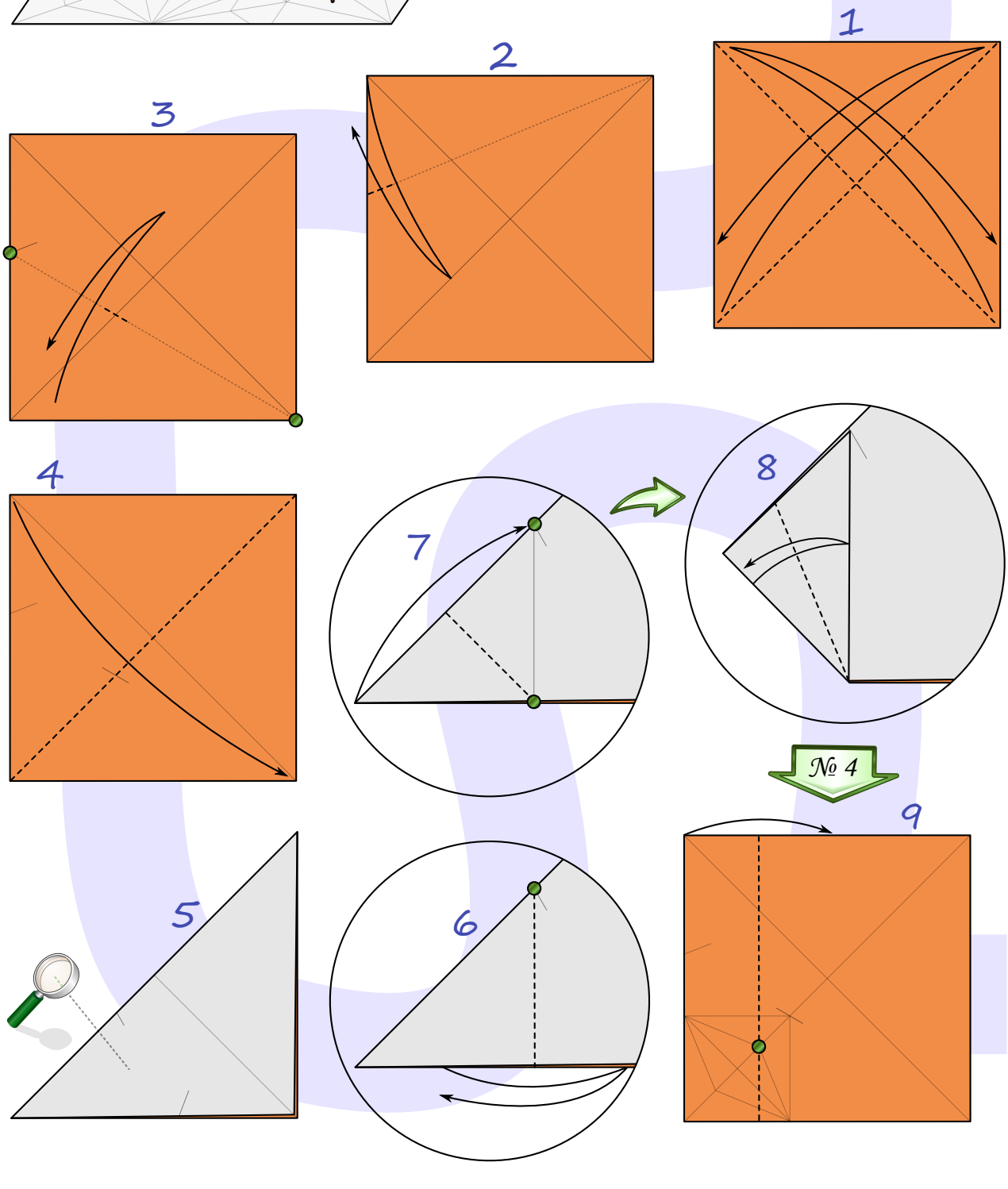
Andrey Ermakov (Russia)

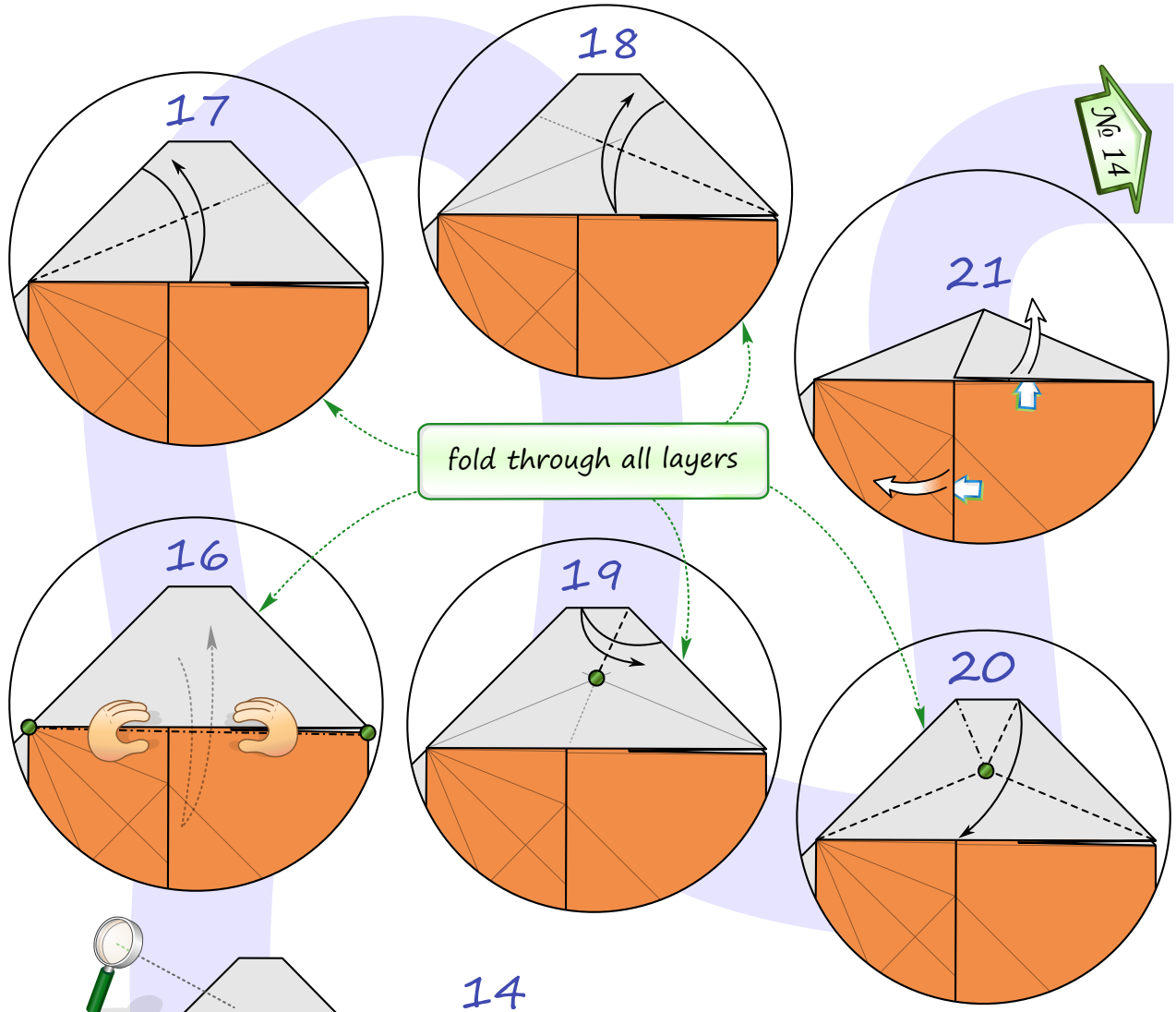
Difficulty: ******* ___

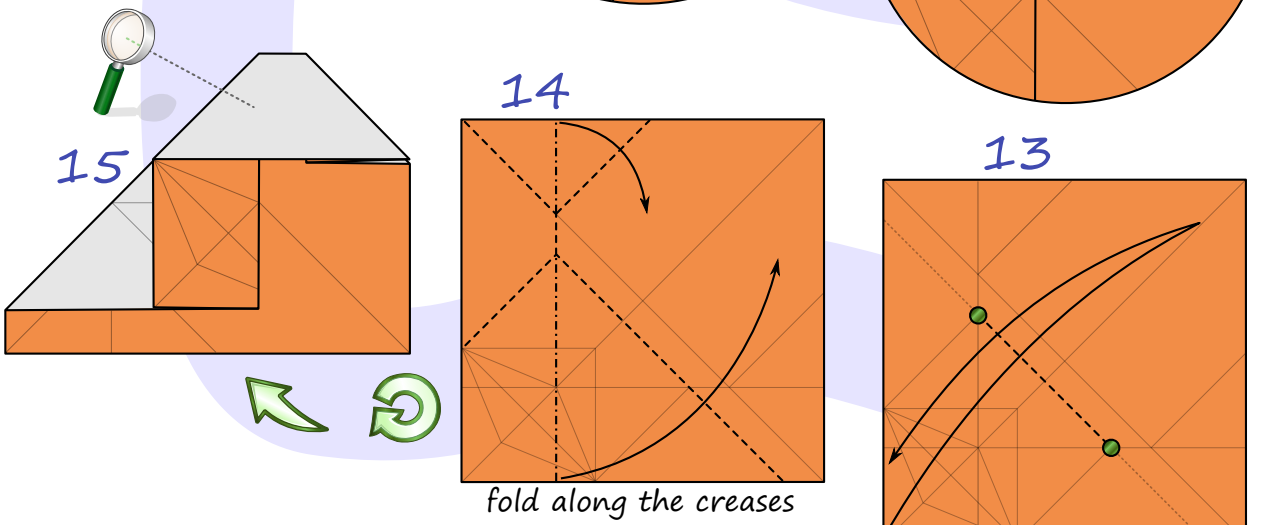
Paper: 30-40 g/m^2

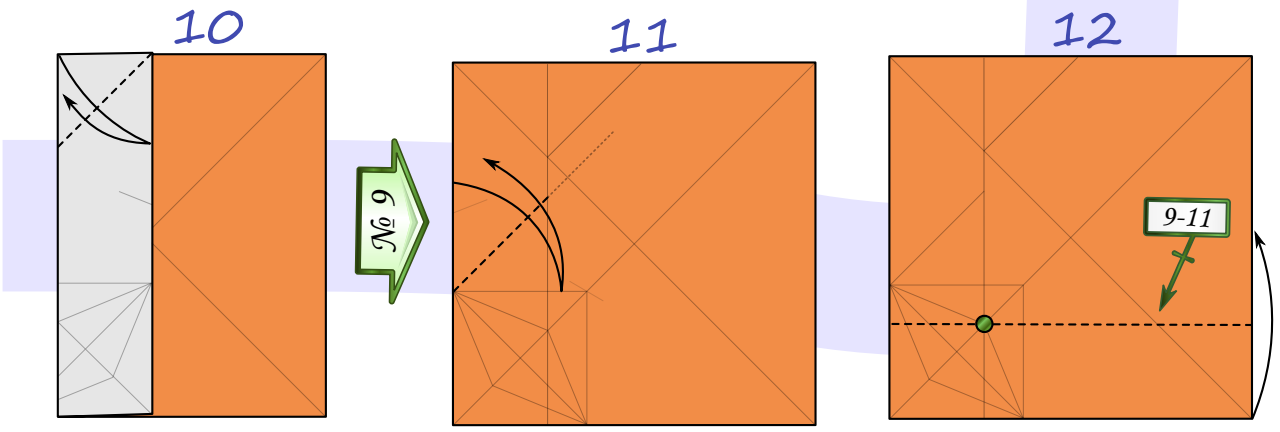
Paper size: 35-35 cm

Max score: 7 points




17
18
№ 14
21
fold through all layers
16
19
20


15
14
13
fold along the creases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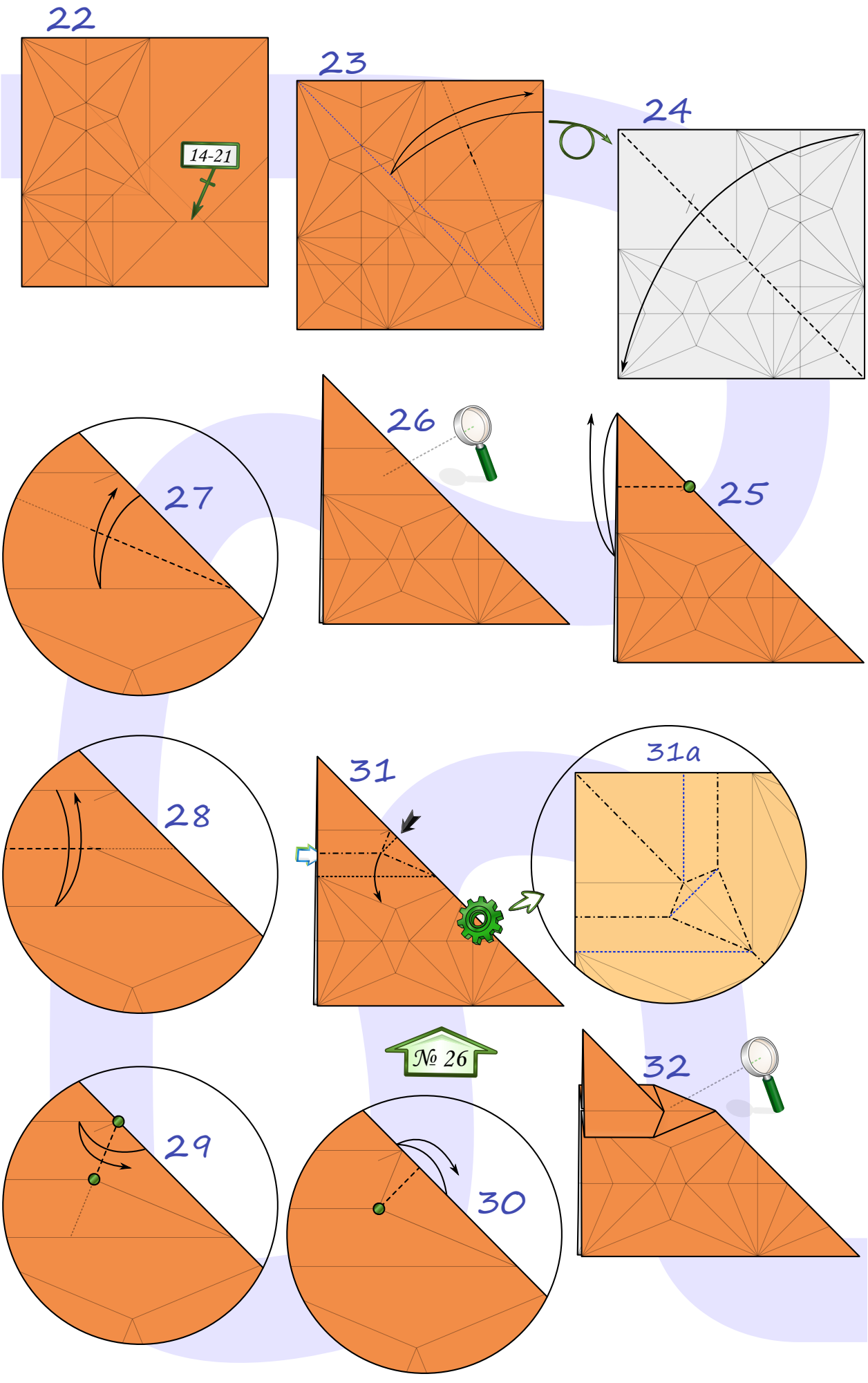
№ 9
11
12
9-11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14-21
23
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26
27
25
31
31a
28
№ 26
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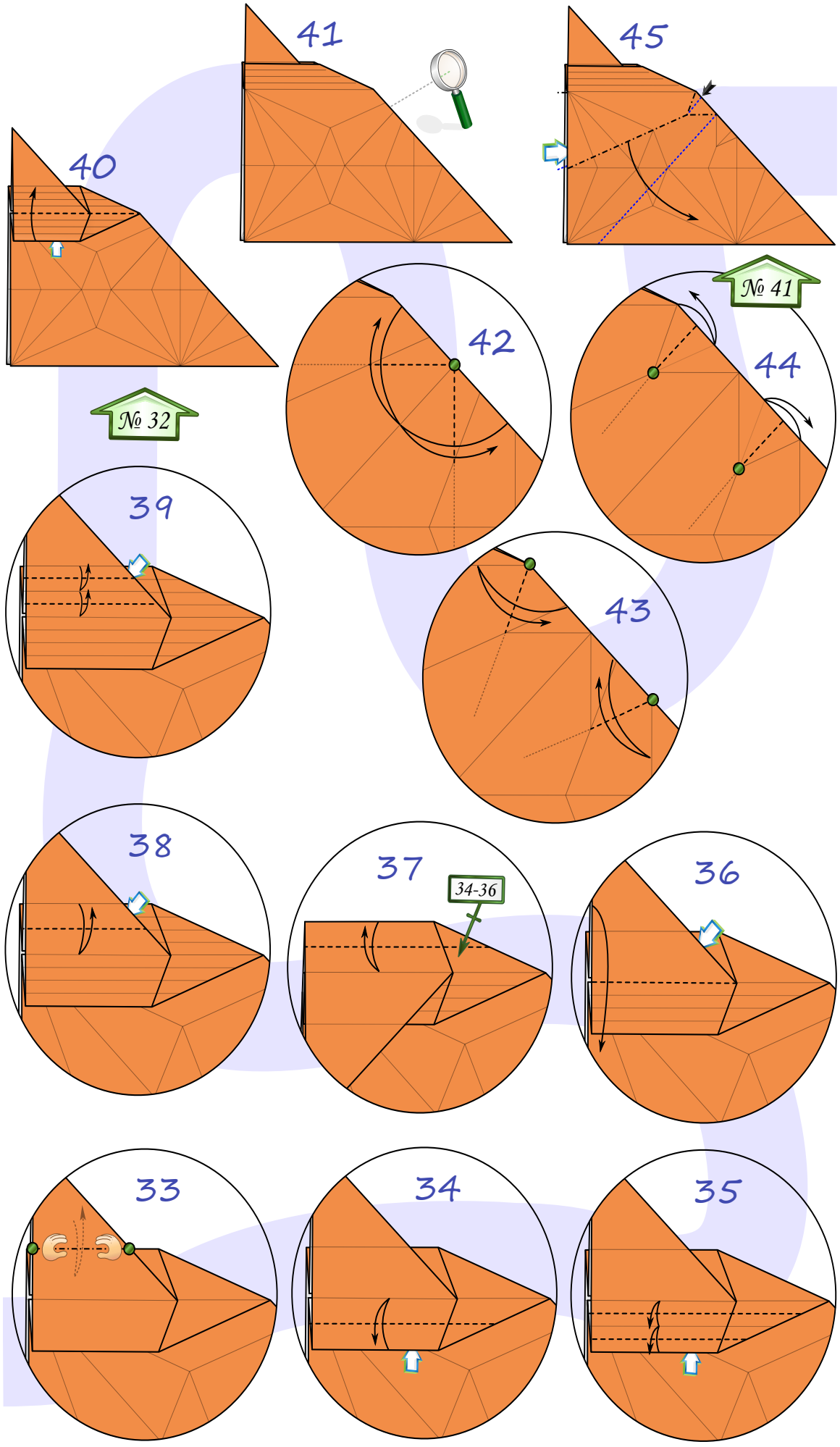
30
32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34-36
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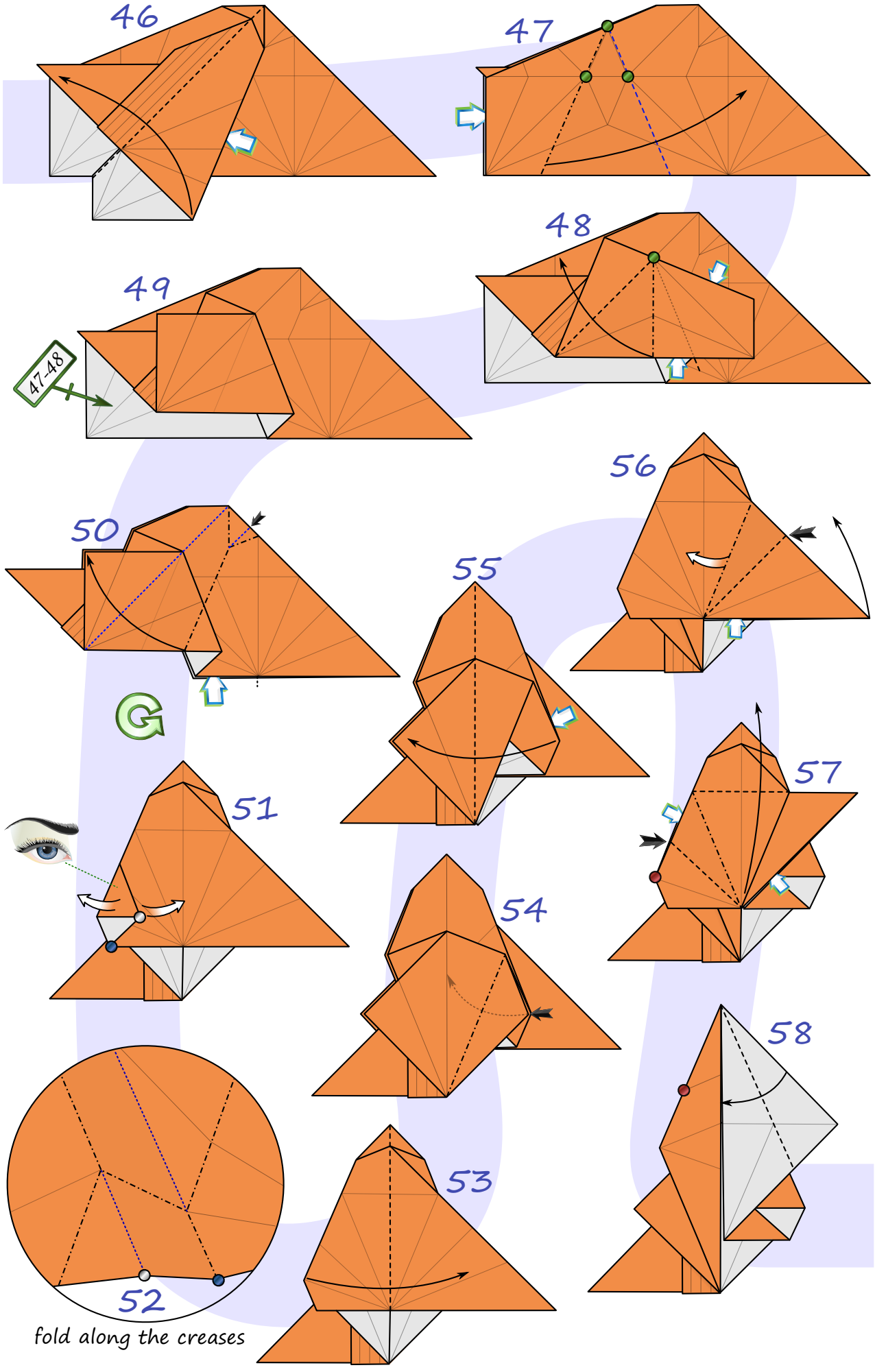
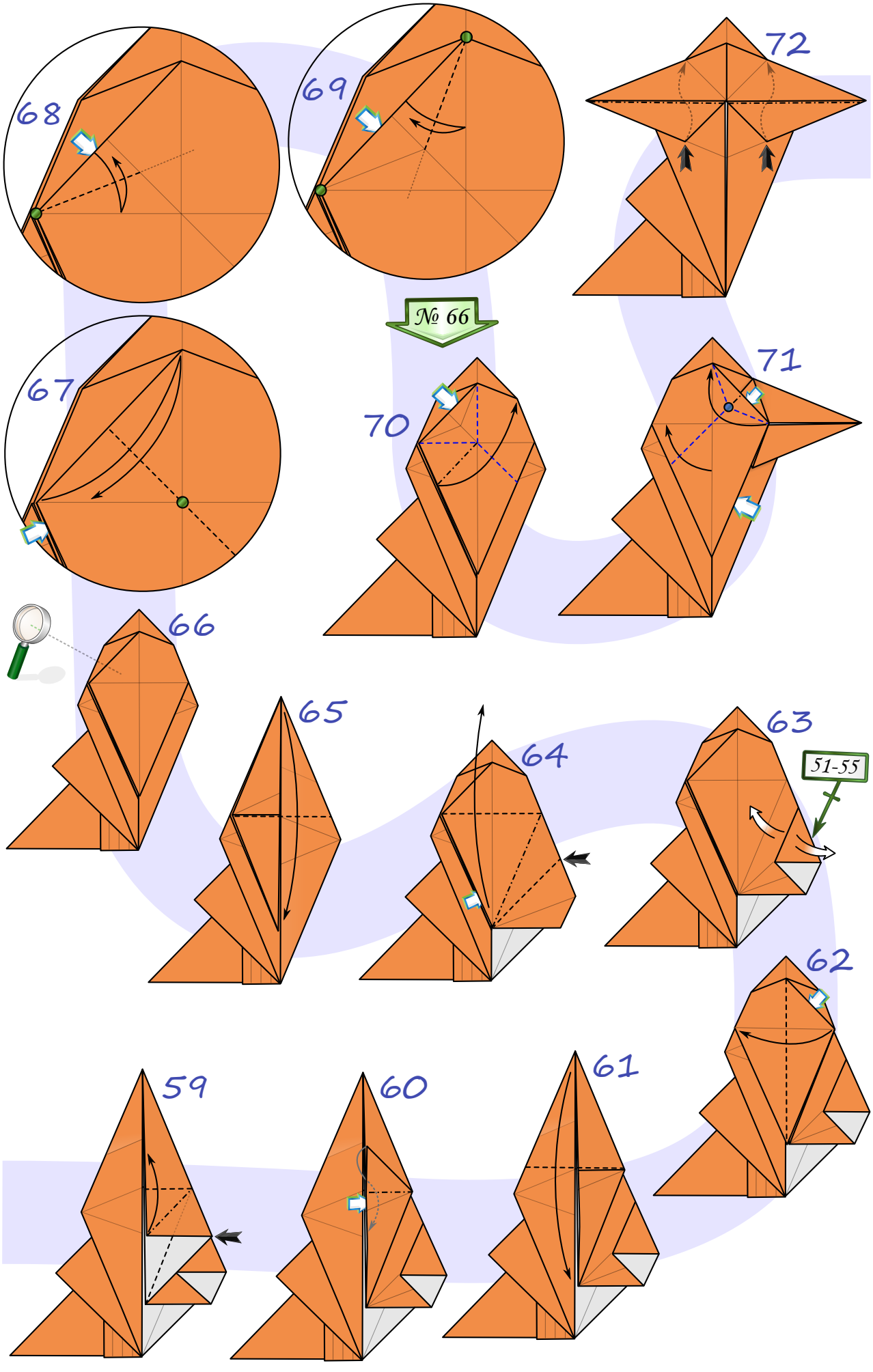
34
35


46
47
48
49
47-48
50
56
55
G
51
57
54
58
53
52
fold along the creases


68
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72
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71
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65
64
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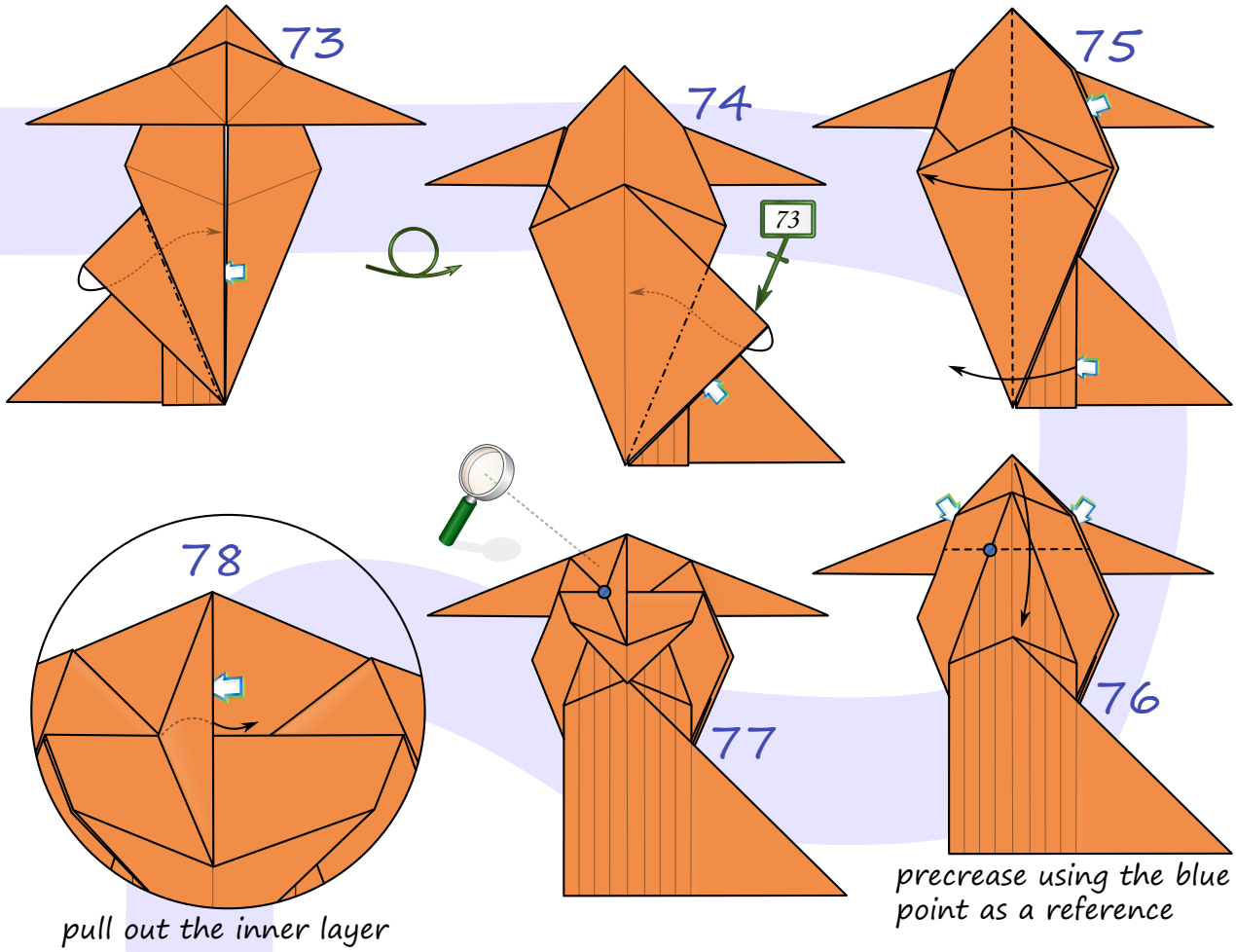
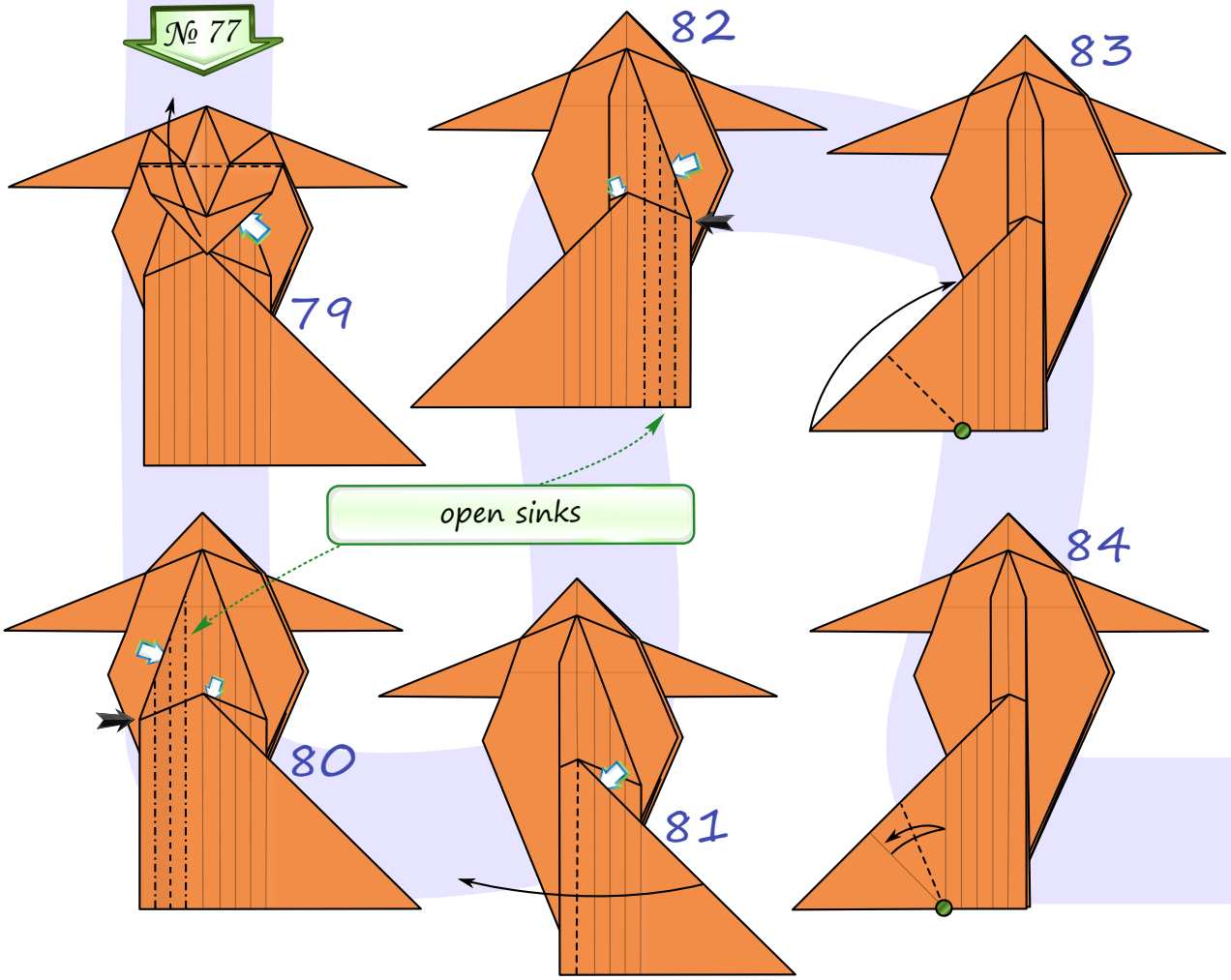
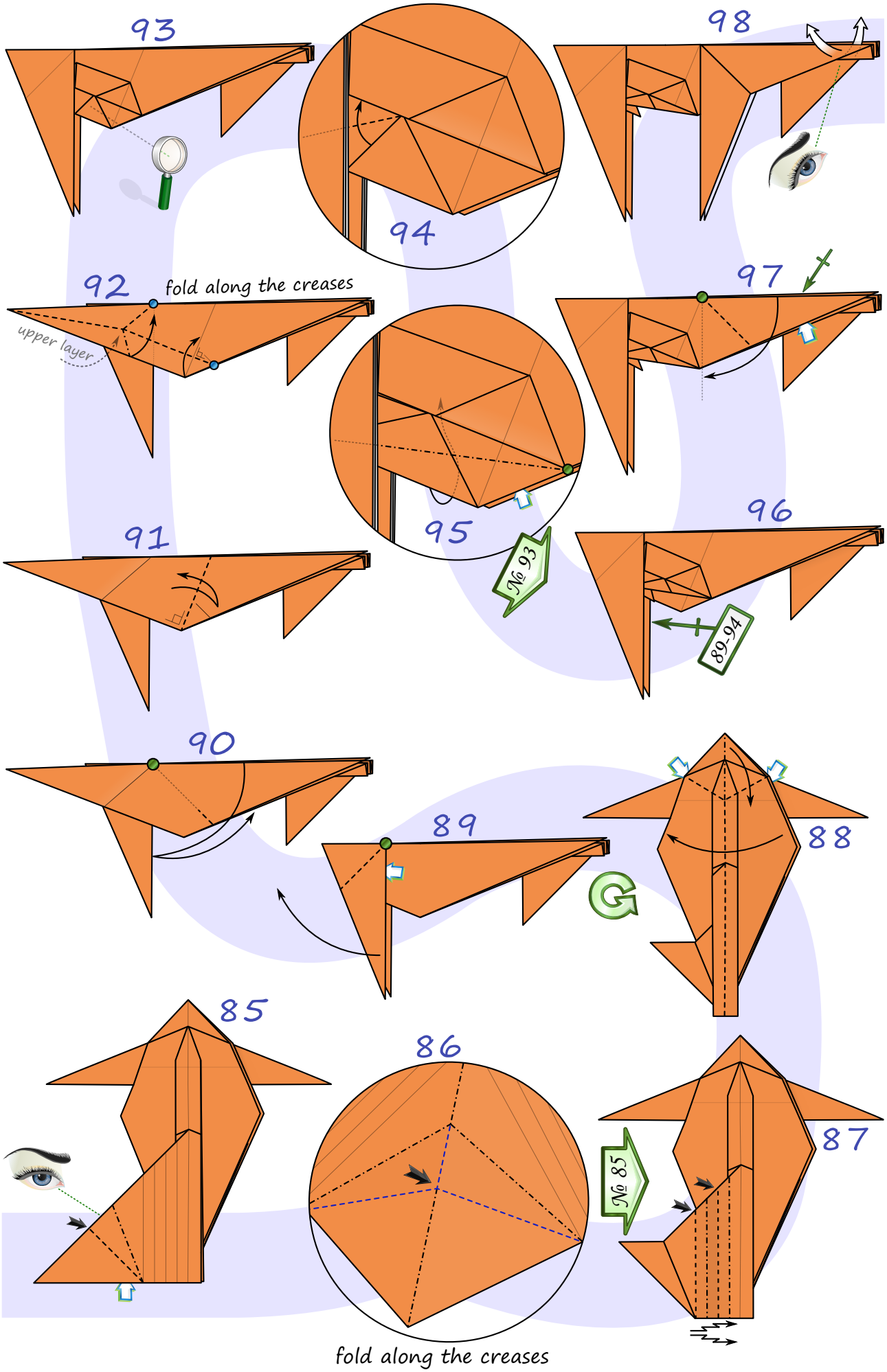
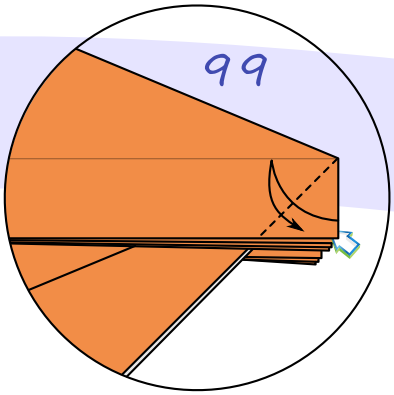
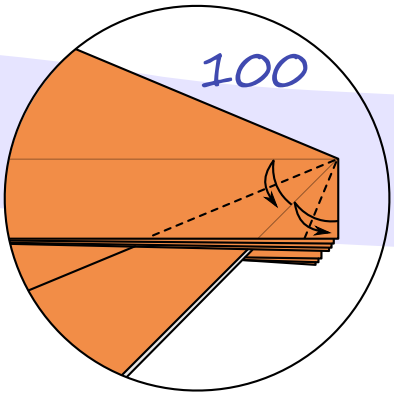
51-55
62
59
60
61

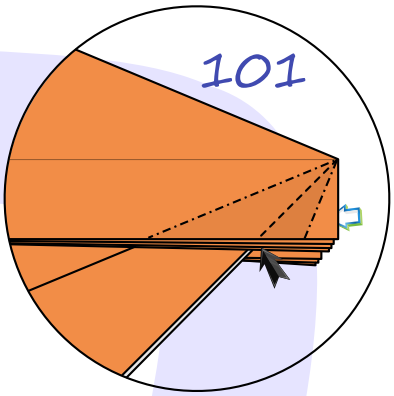

73
74
73
75
78
77
76
pull out the inner layer
precrease using the blue point as a reference

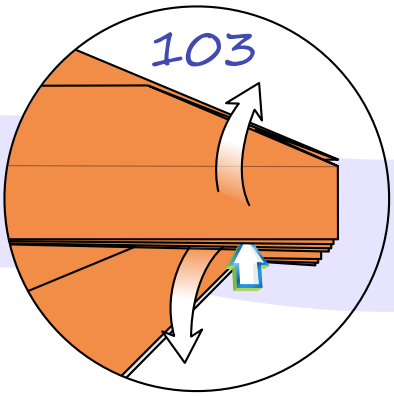

№ 77
82
83
79
open sinks
84
80
81

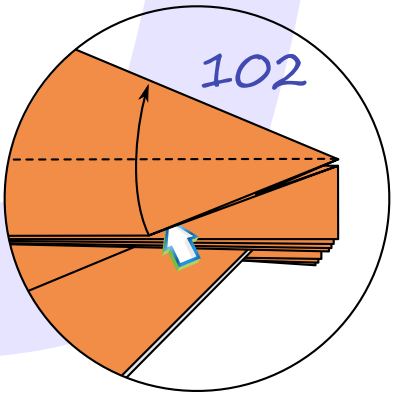

93
94
98
92
fold along the creases
upper layer
97
95
№ 93
91
96
89-94
90
89
88
85
86
87
№ 85
fold along the creases

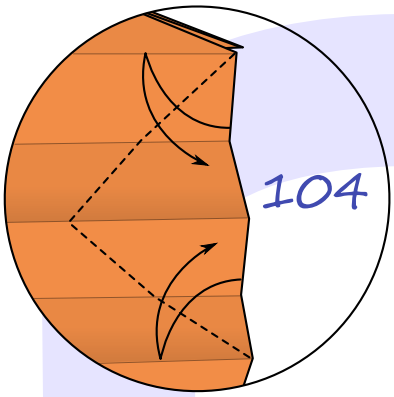


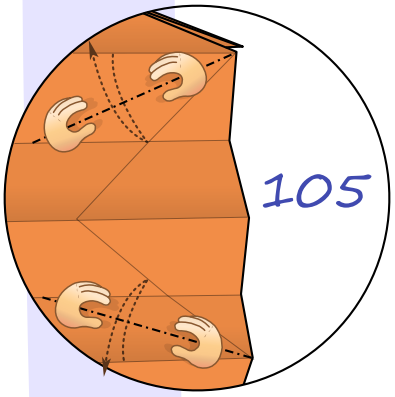


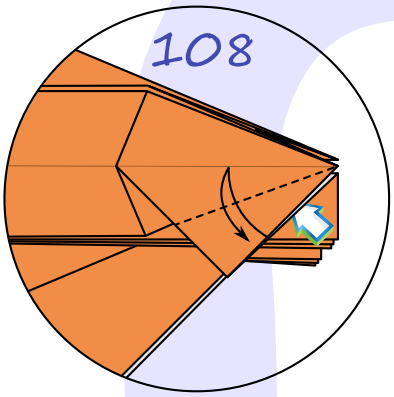


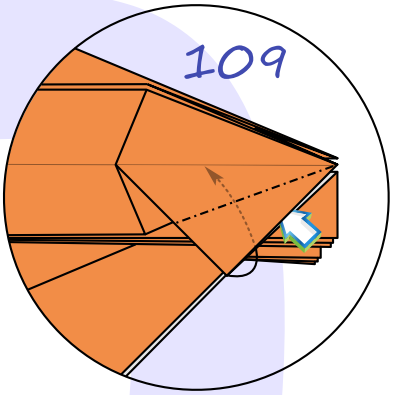


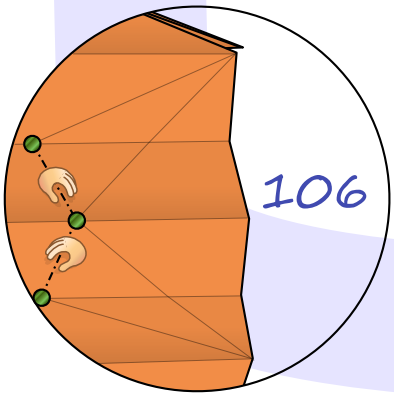












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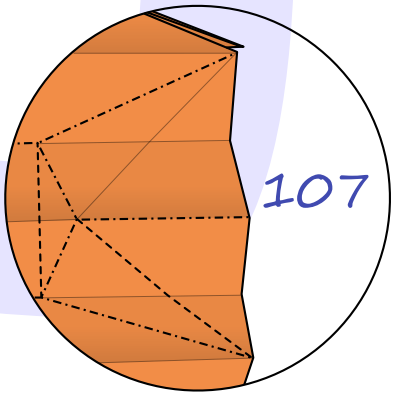

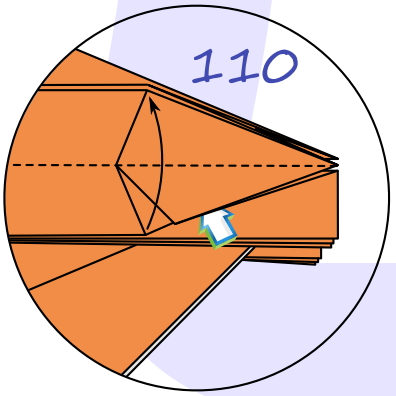

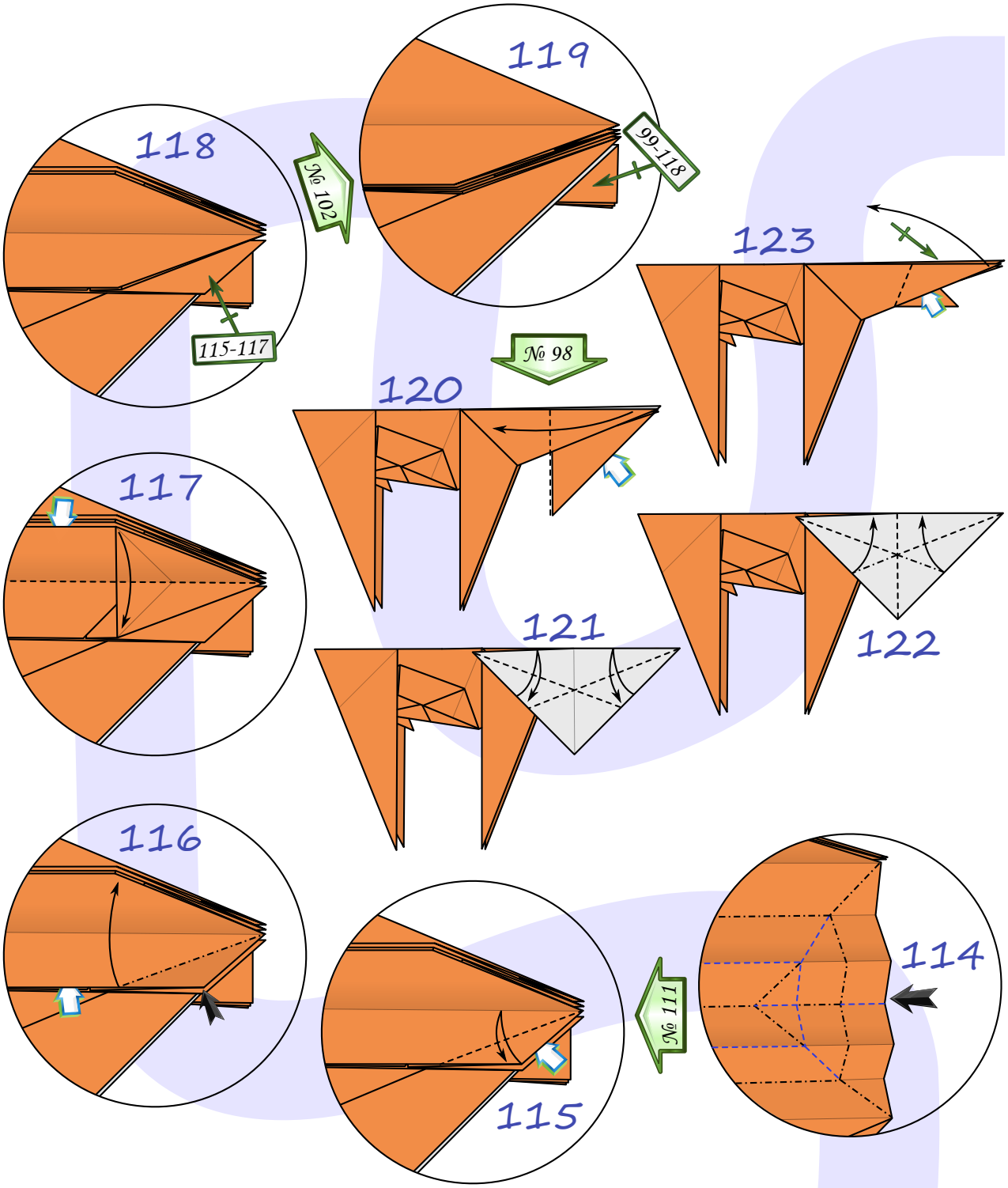
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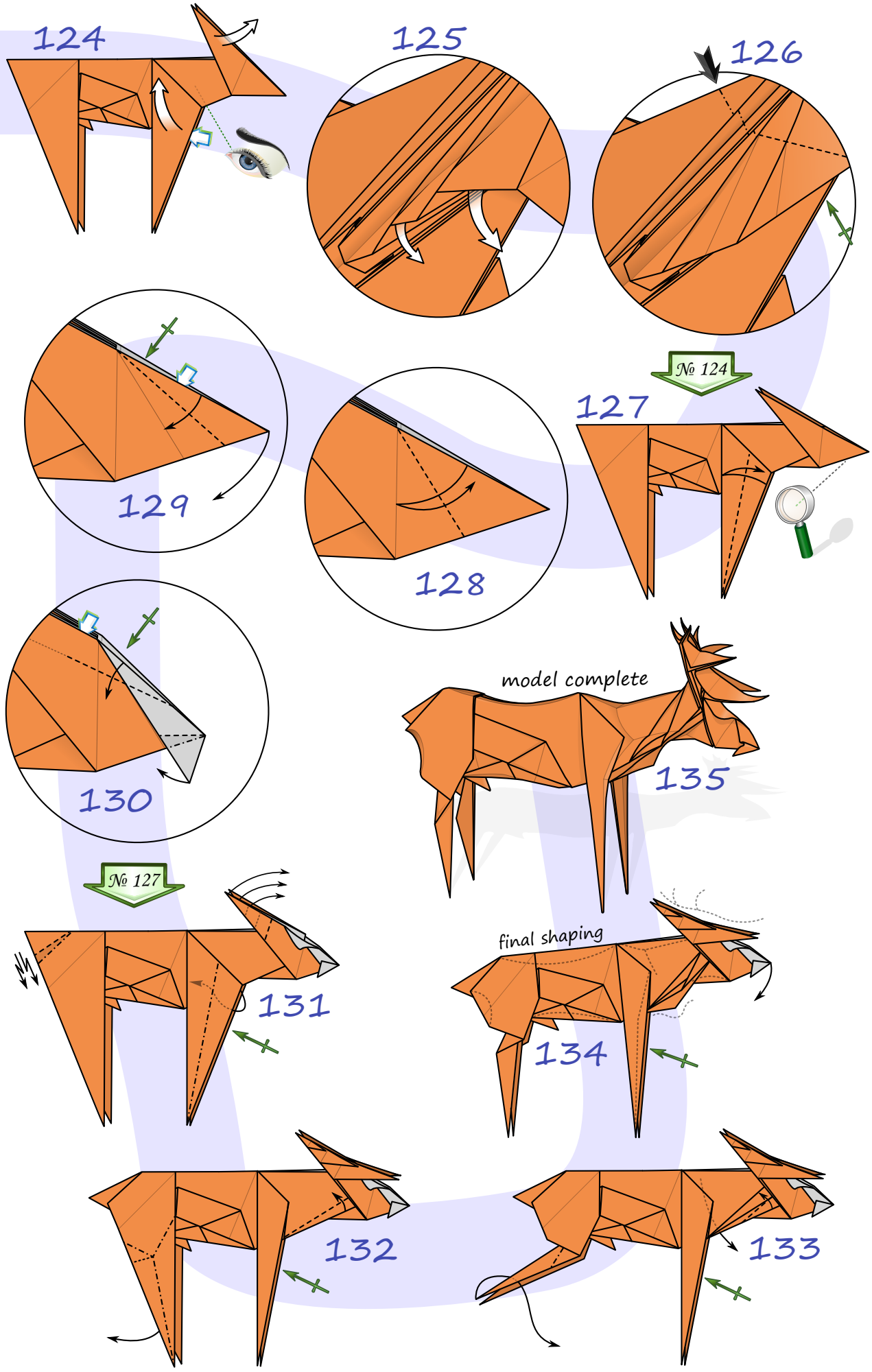
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№ 127
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final shaping
134
132
133

Devil

Jun Zi You (China)

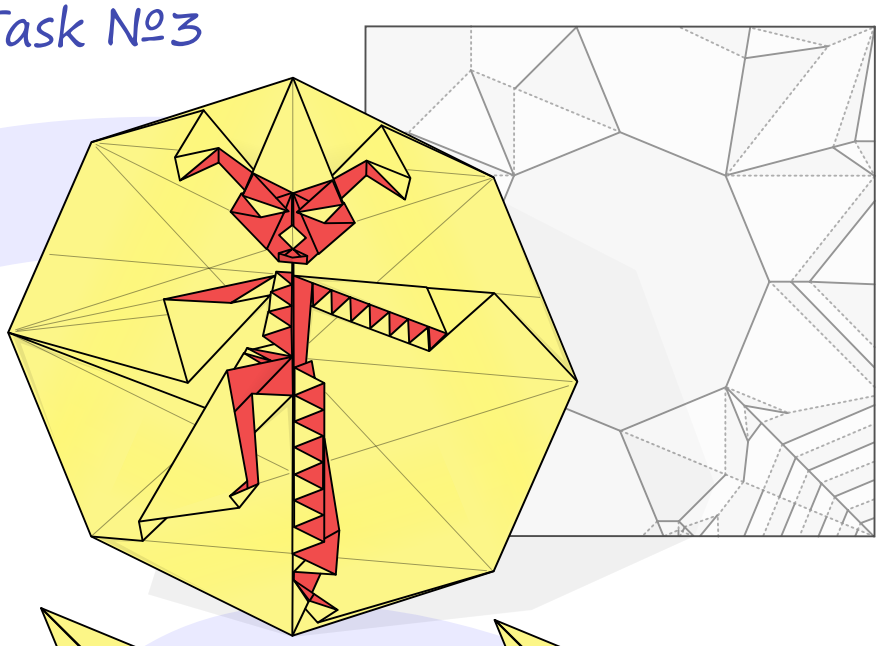
Difficulty: ********__

Paper: 30-40 g/m^2

Paper size: 30-30 cm

Max score: 8 points

Task №3



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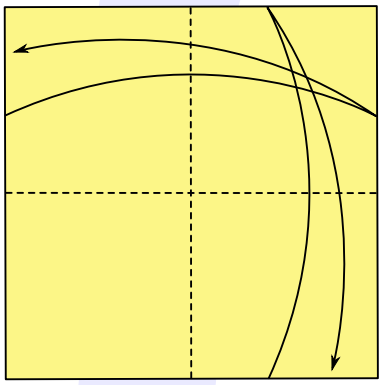

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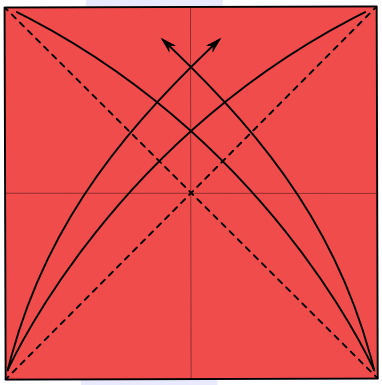

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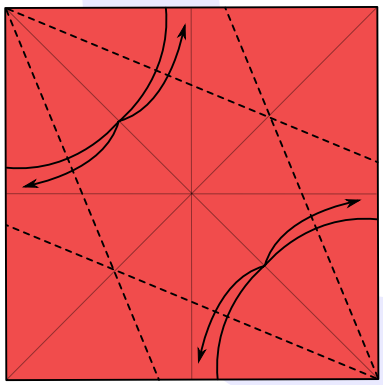

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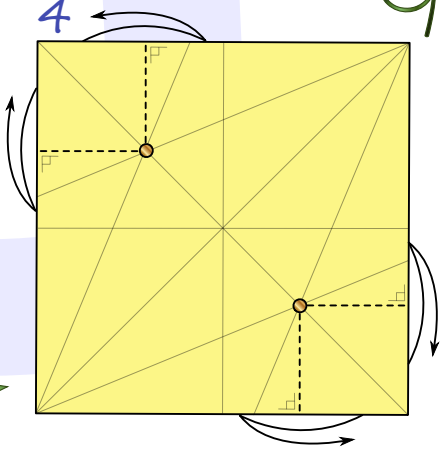

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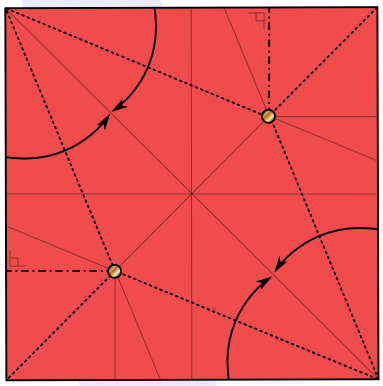

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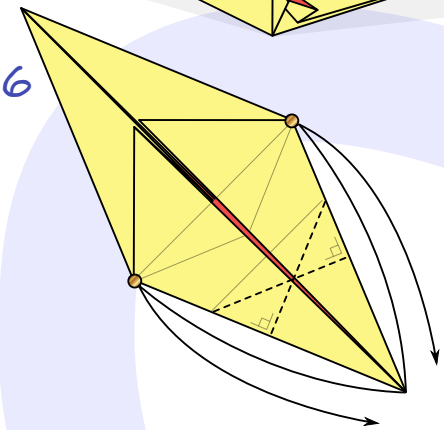

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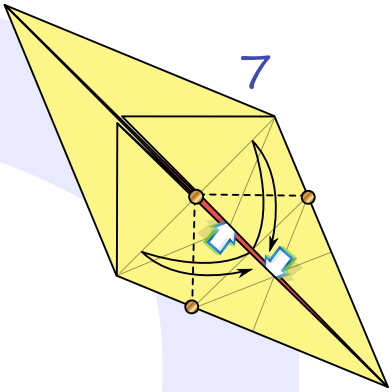

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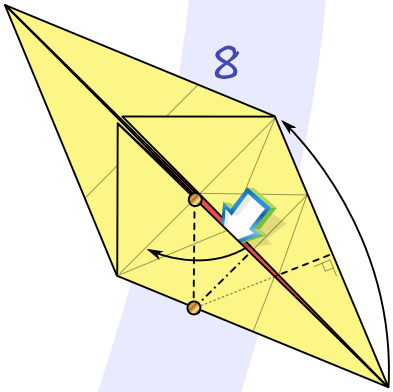

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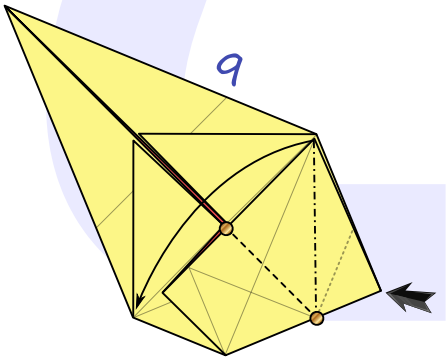

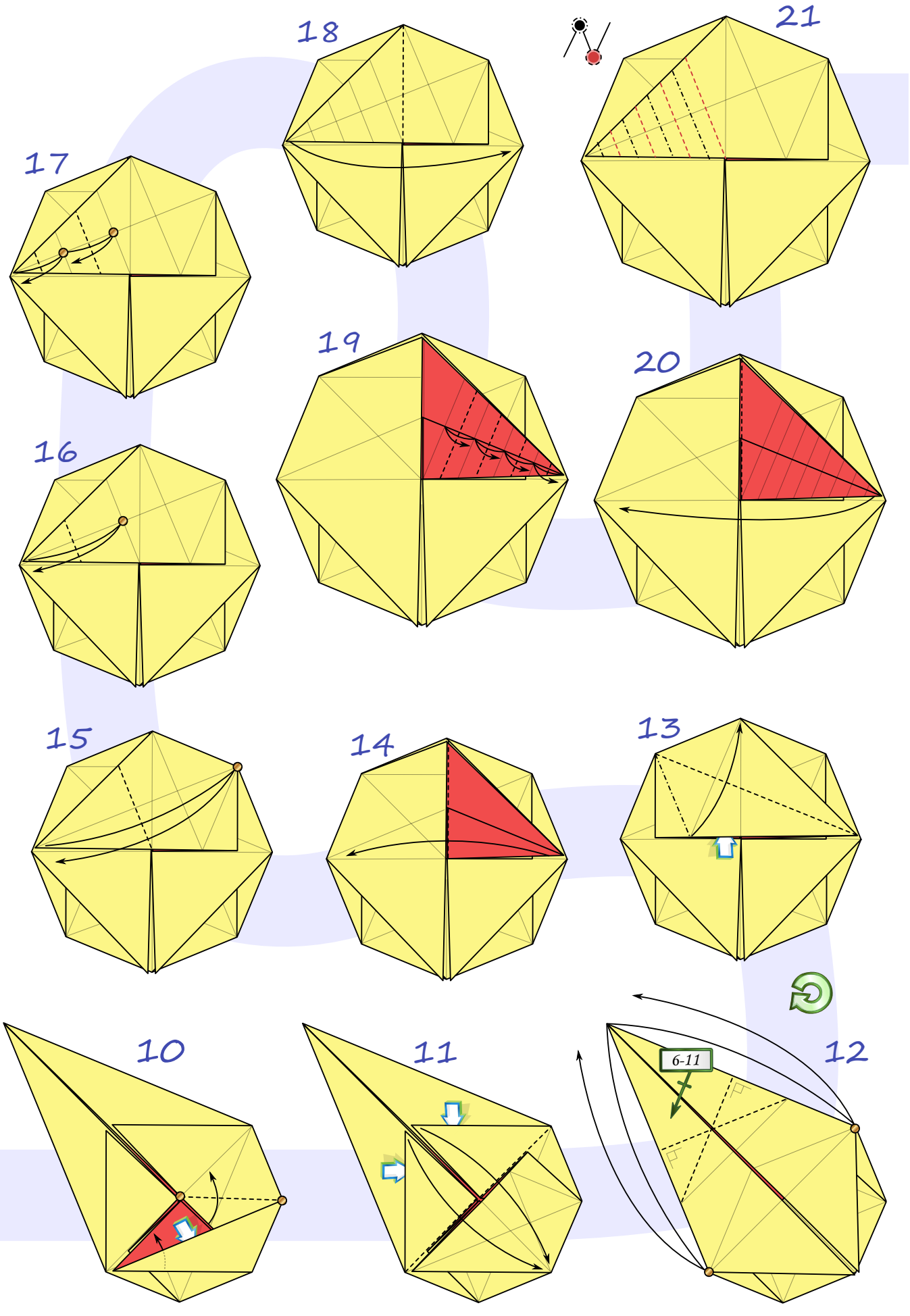
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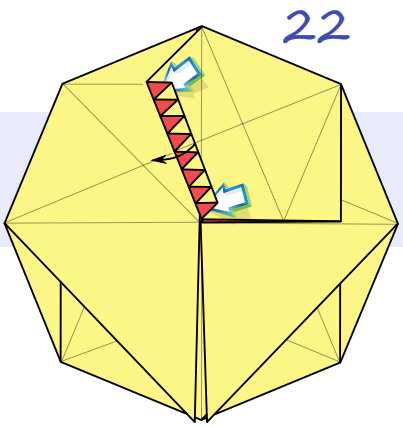
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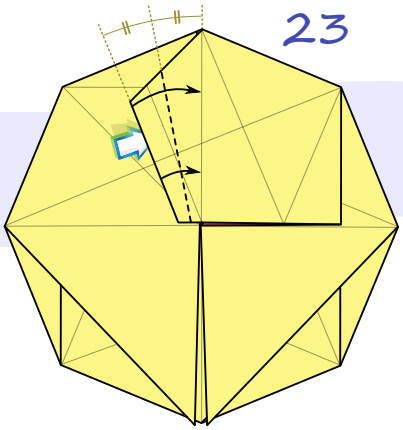
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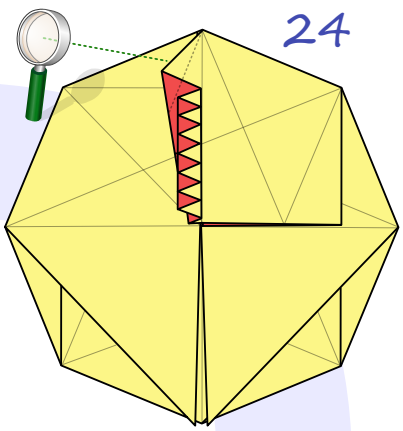
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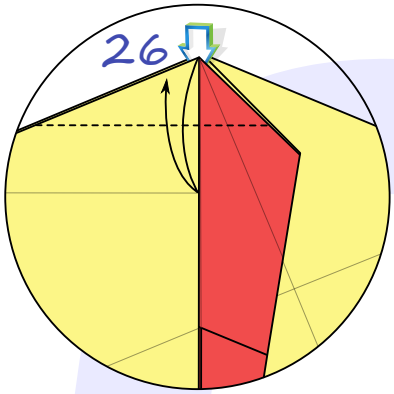
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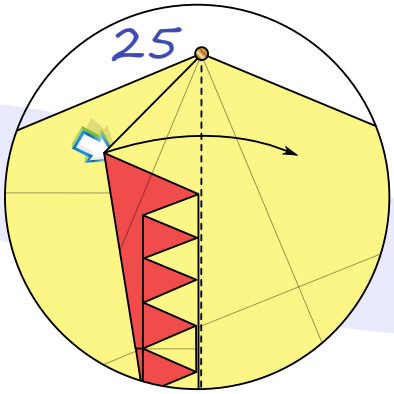
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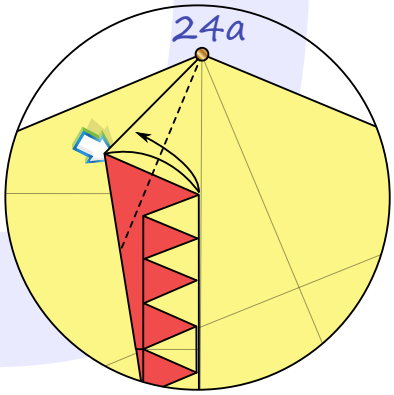
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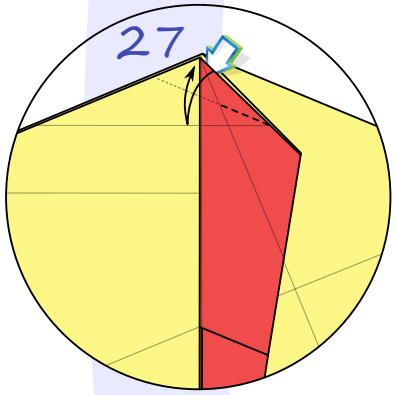
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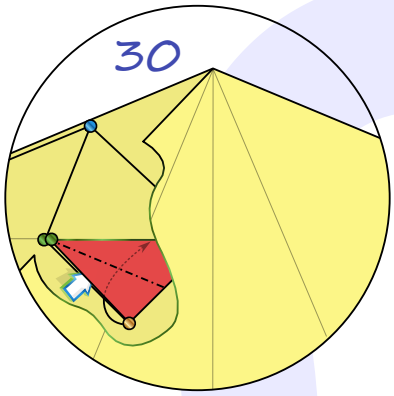
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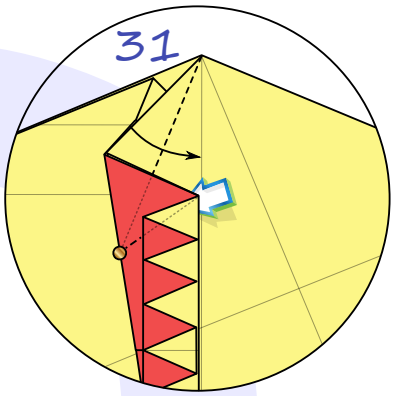
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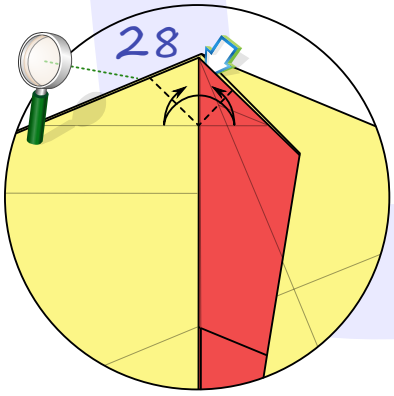
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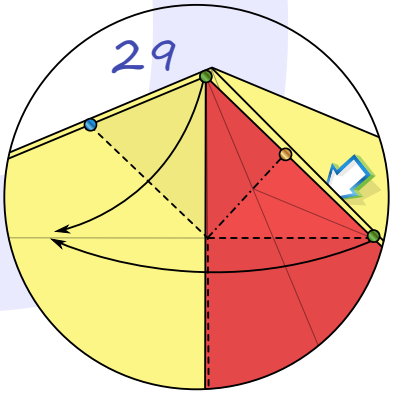
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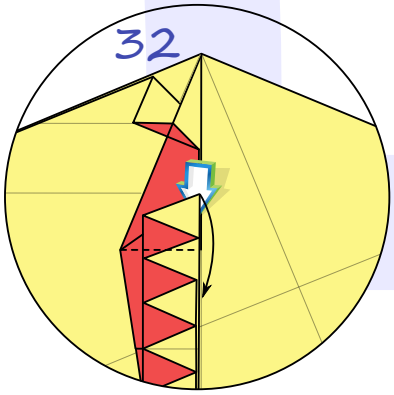
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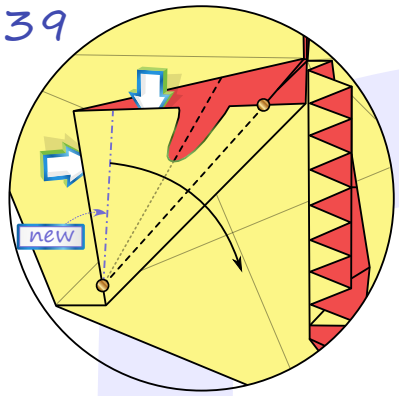
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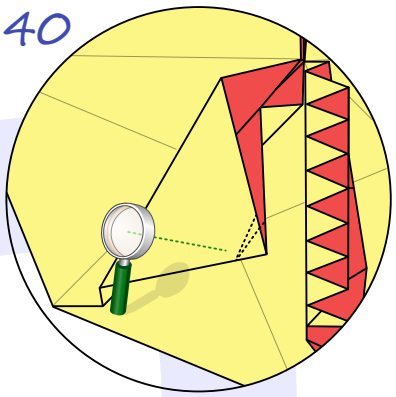
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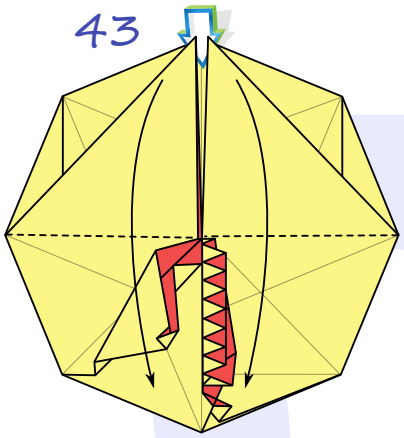
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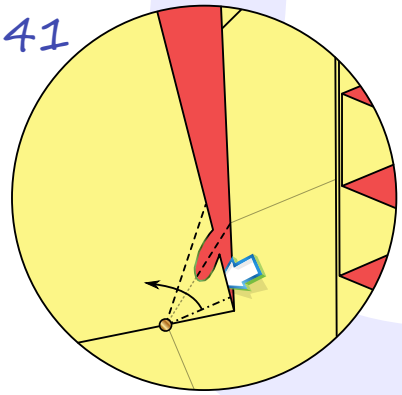
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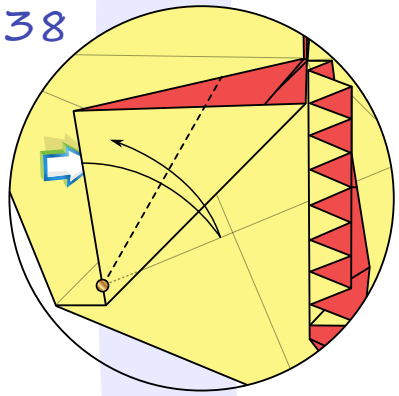
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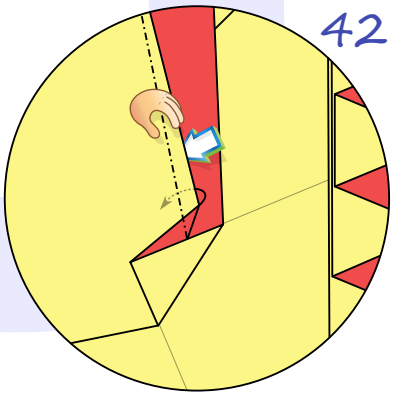
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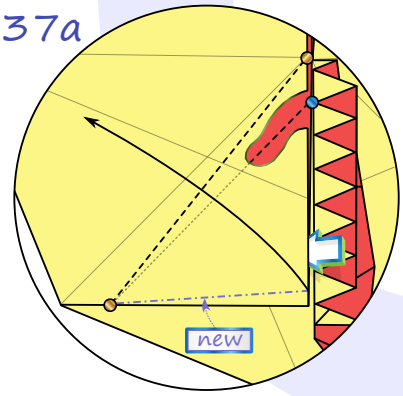
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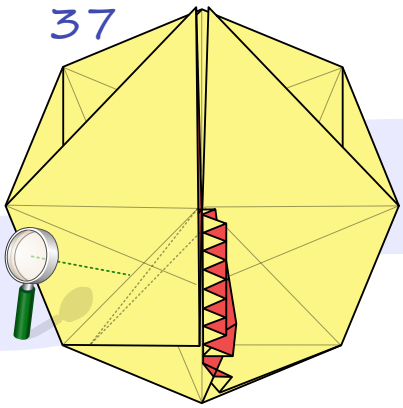
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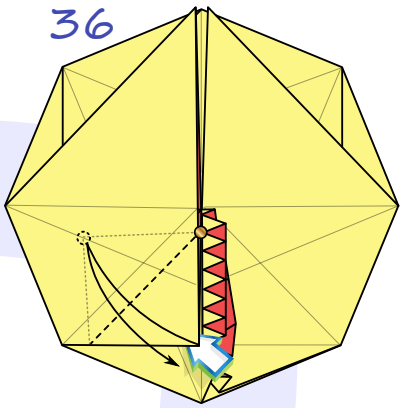
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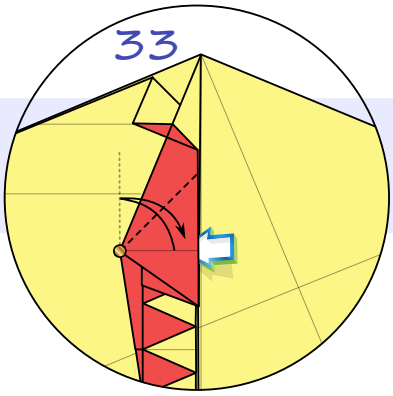
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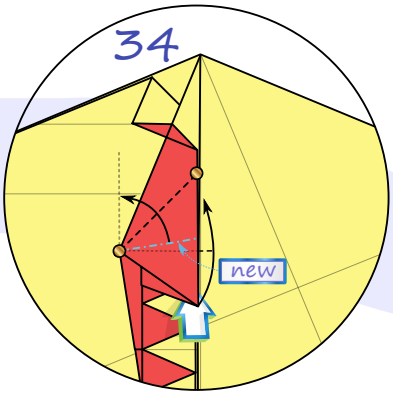
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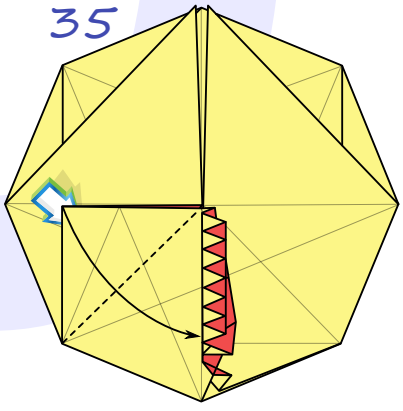
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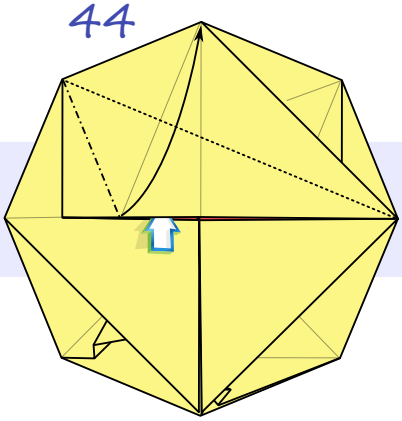

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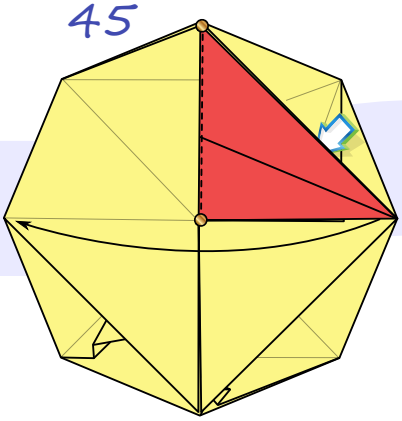

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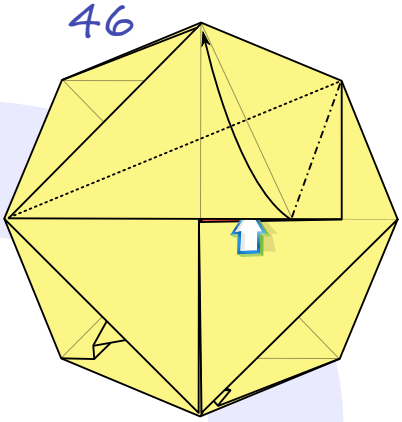

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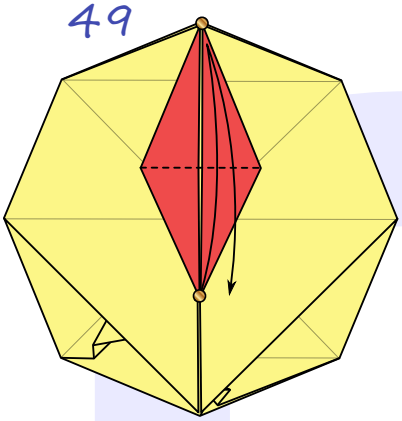

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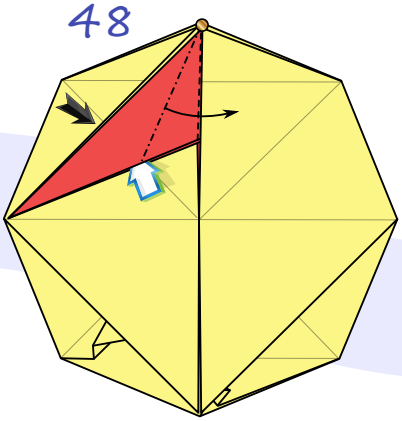

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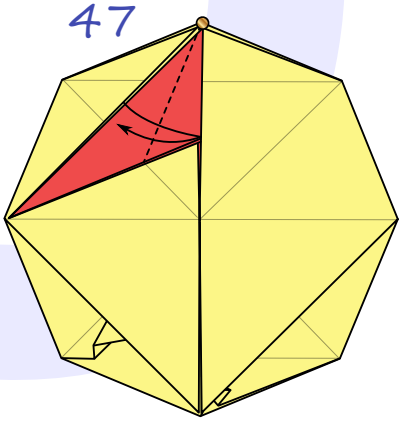

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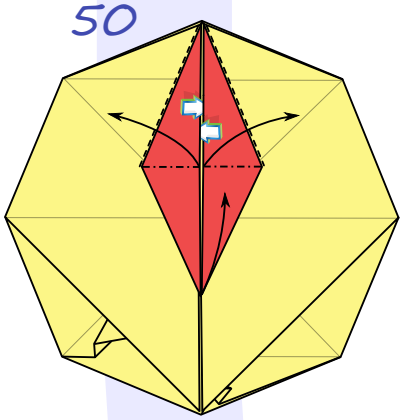

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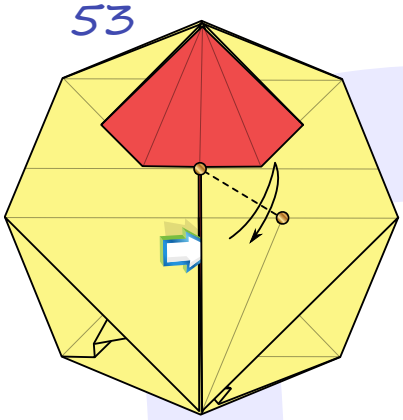

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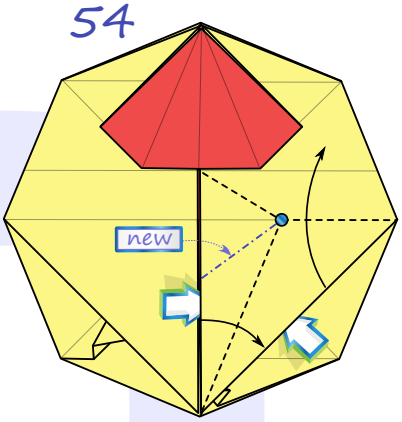

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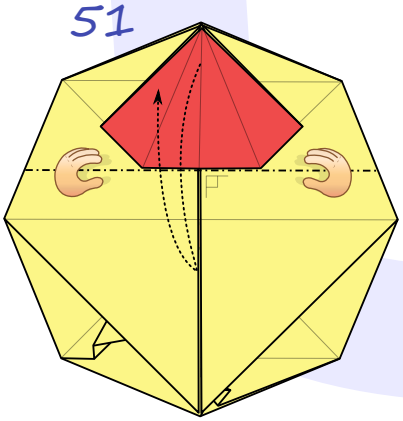

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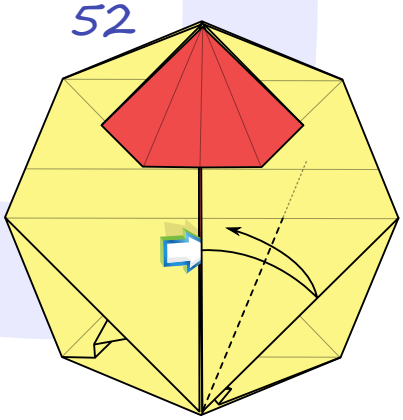

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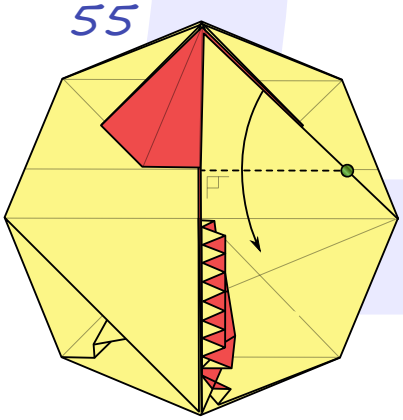

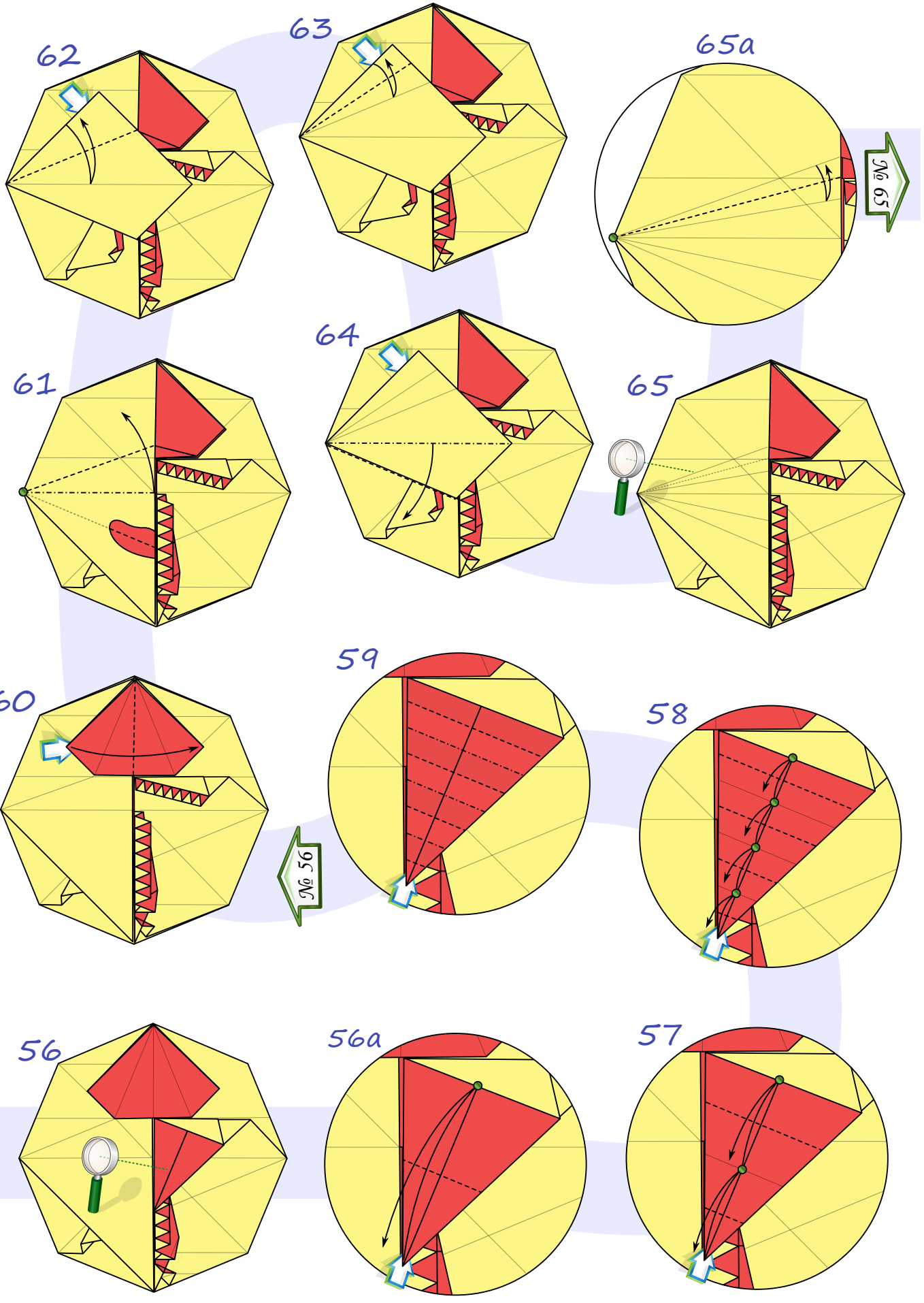
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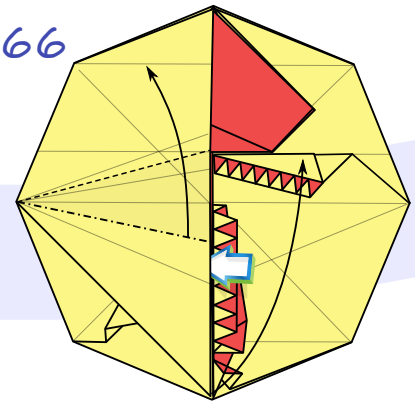

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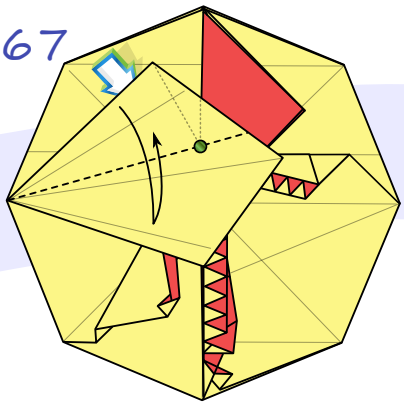

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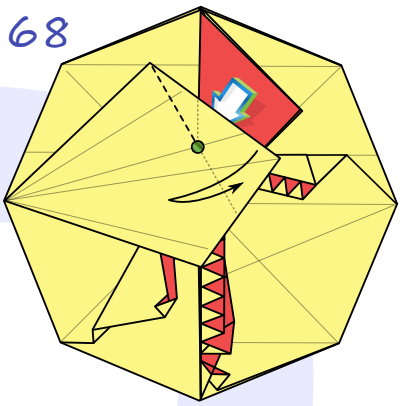

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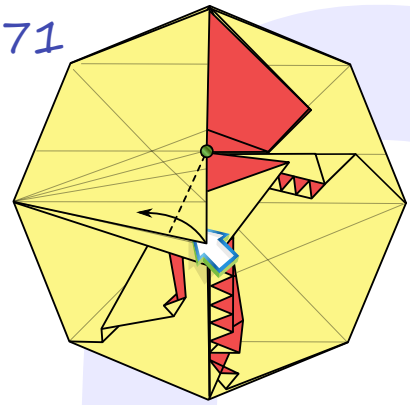

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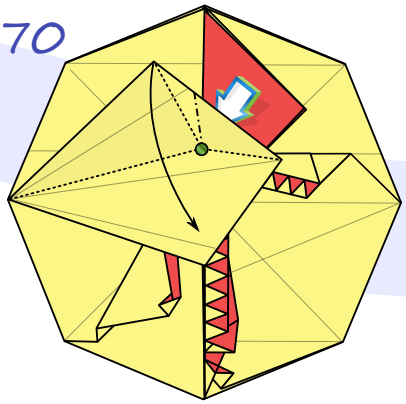

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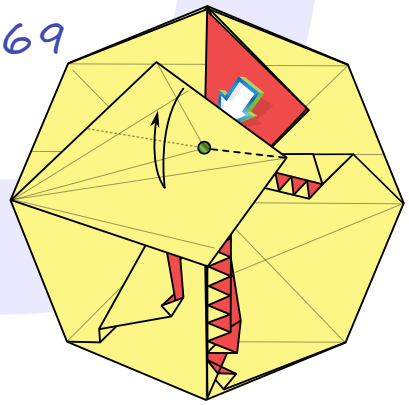

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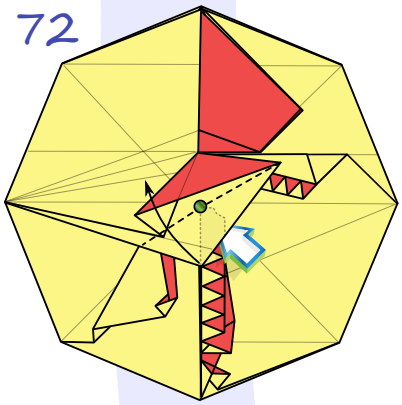

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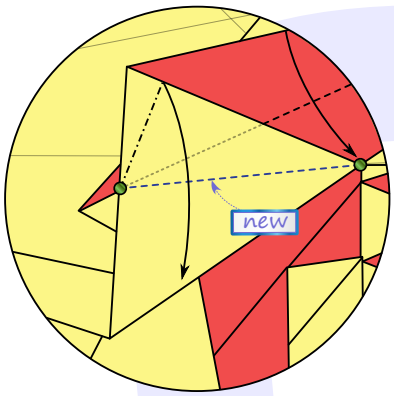

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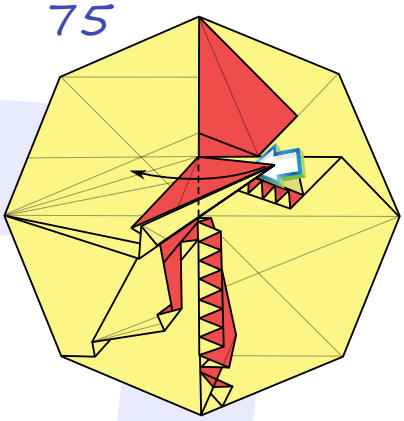

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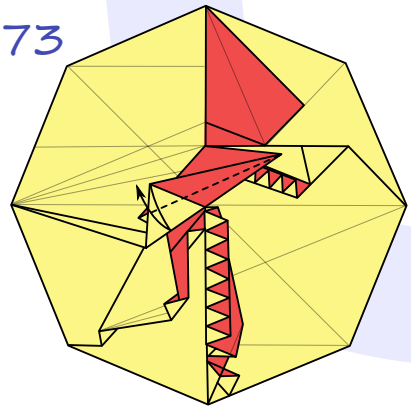

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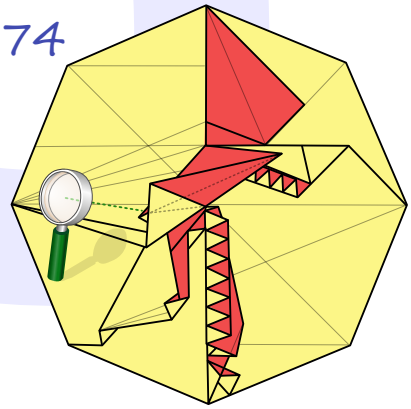

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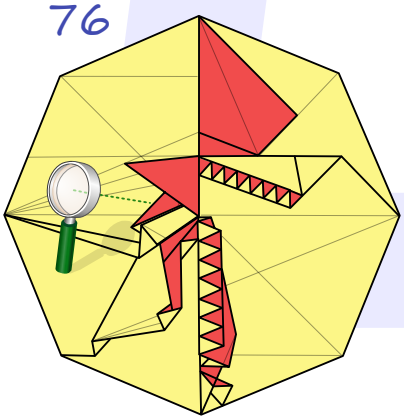

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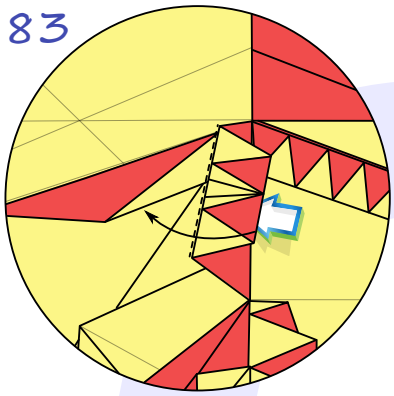

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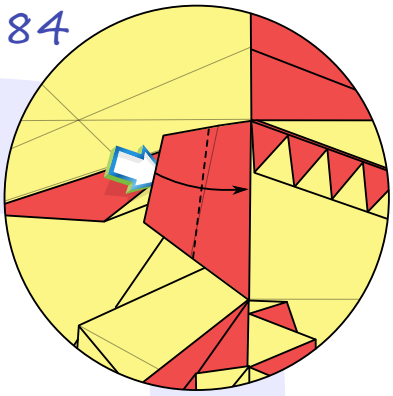

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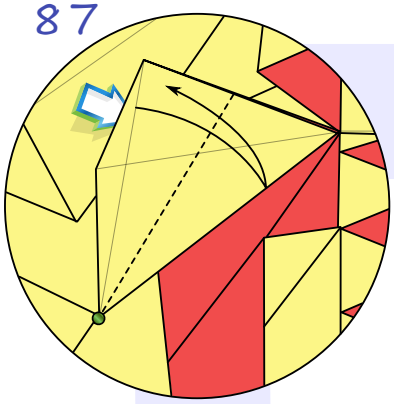

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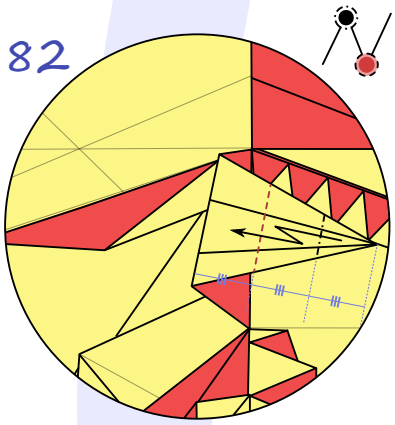

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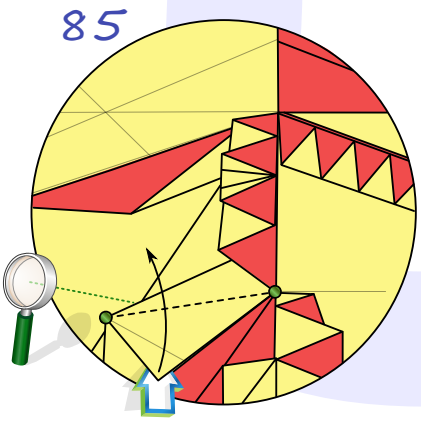

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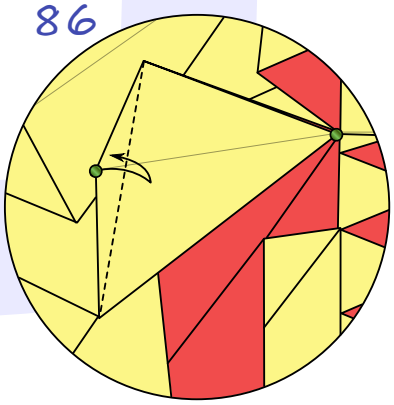

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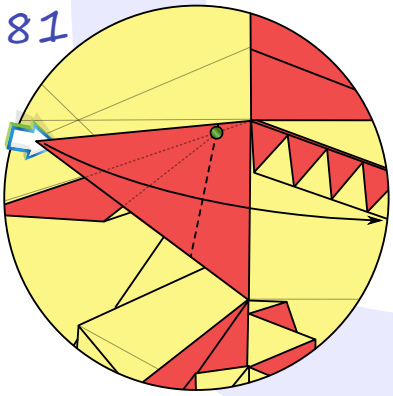

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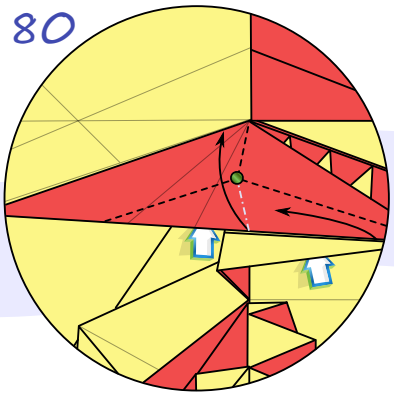

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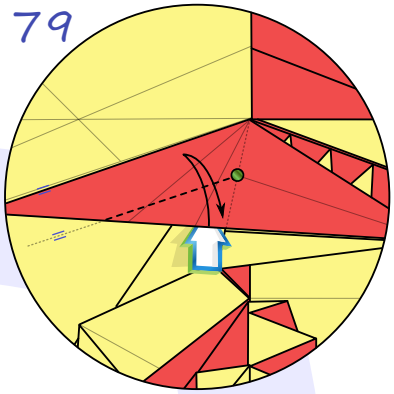

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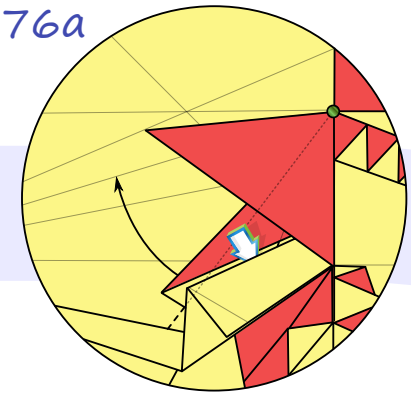

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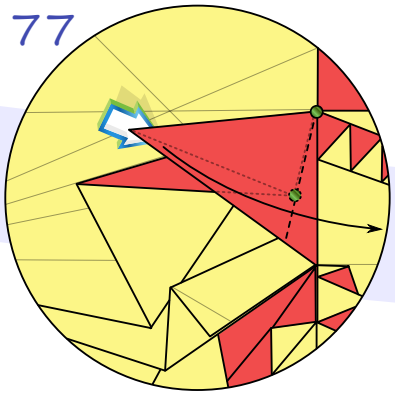

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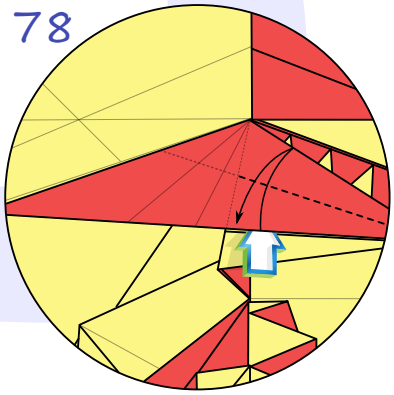

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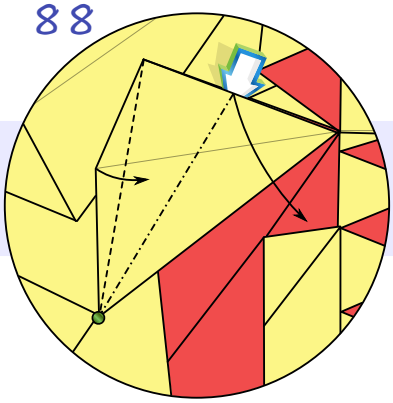

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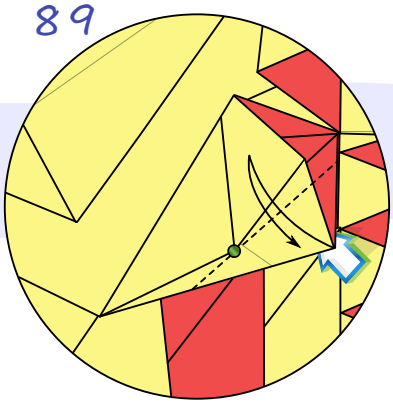

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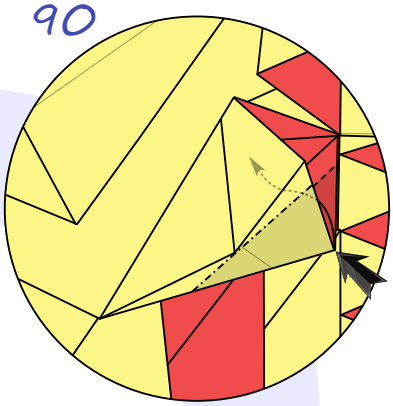

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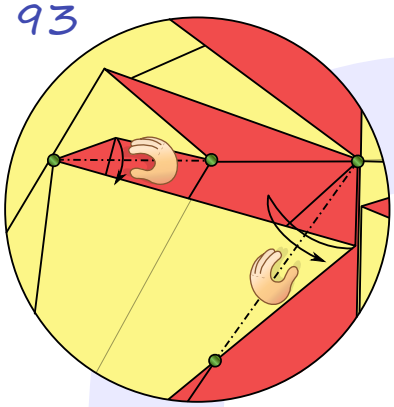

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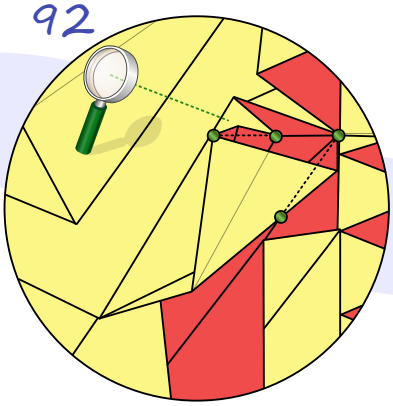

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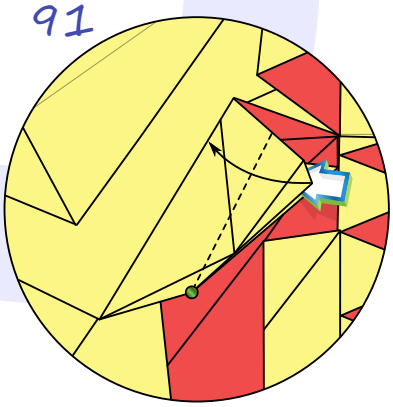

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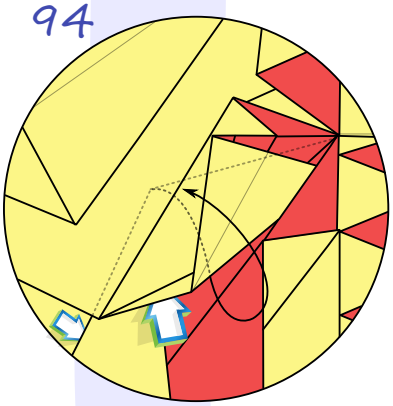

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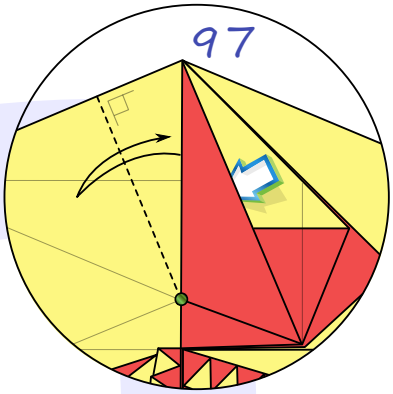

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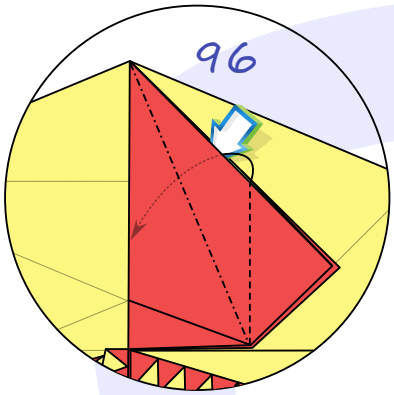

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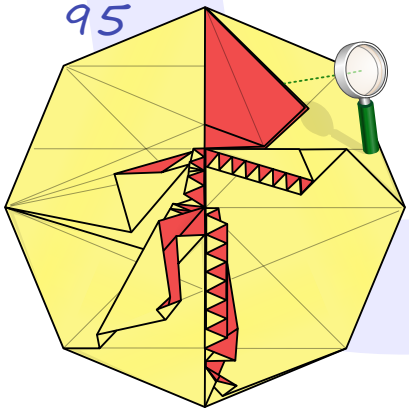

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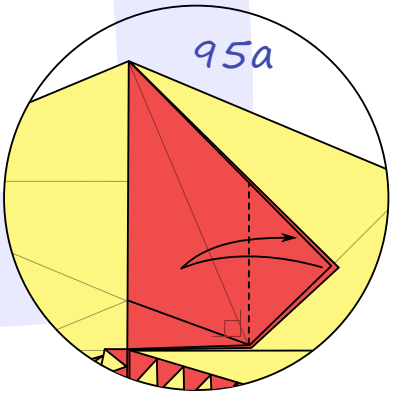

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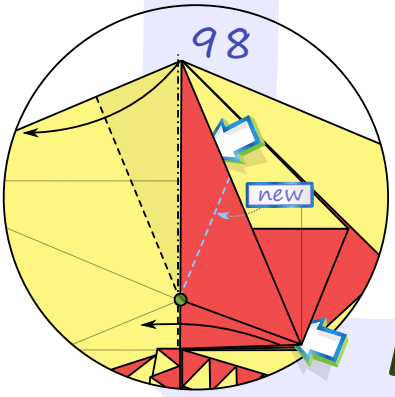

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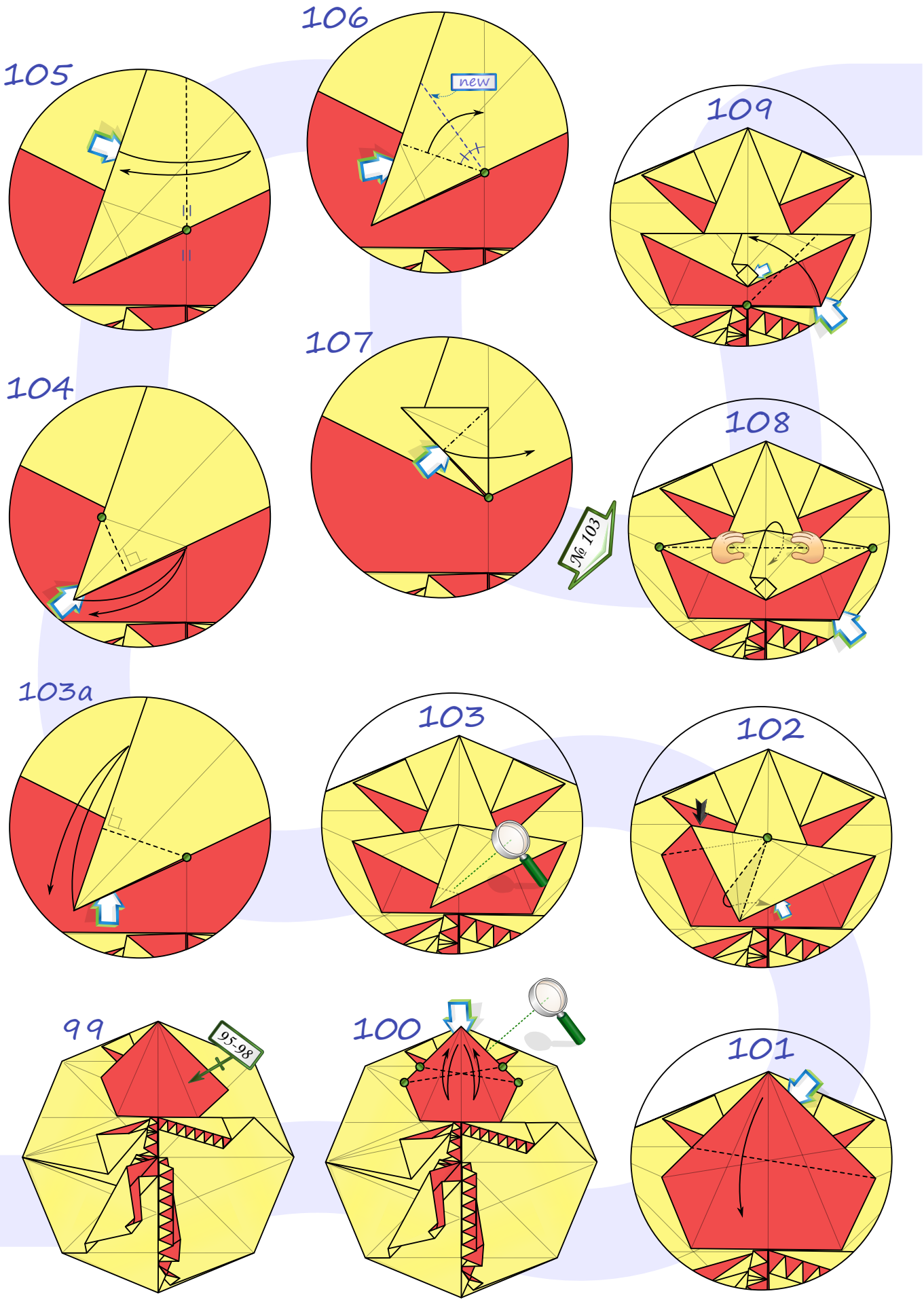
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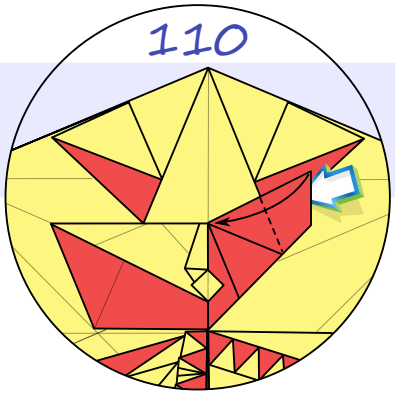

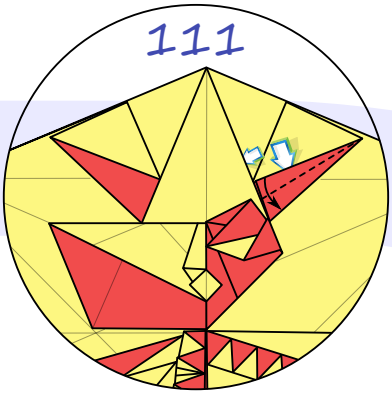

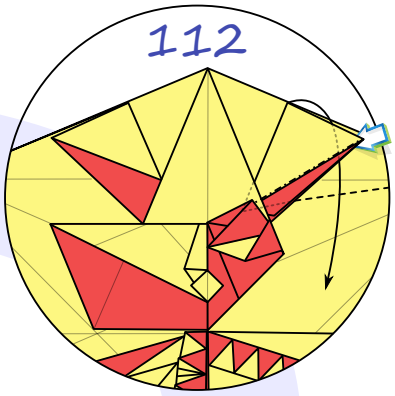

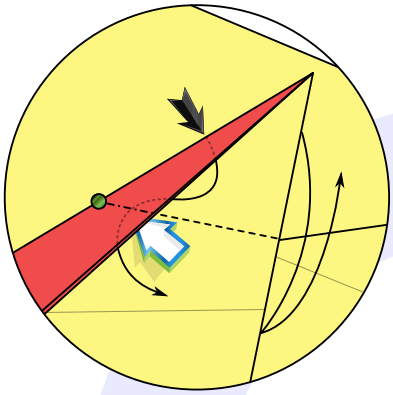

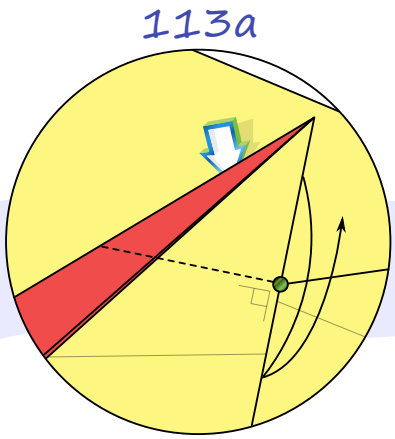

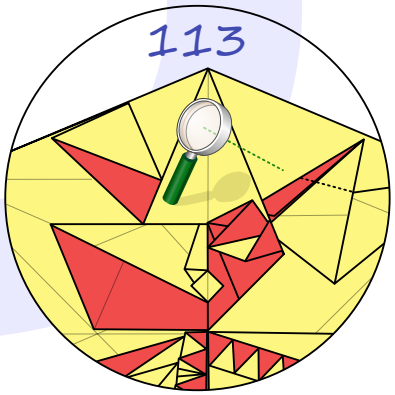

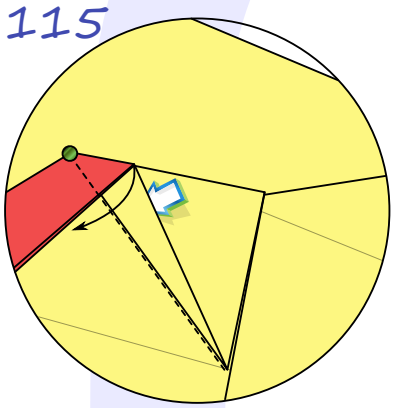

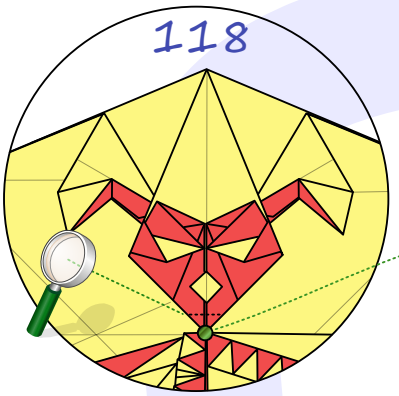

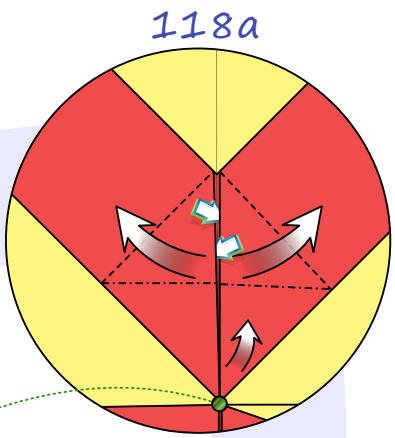

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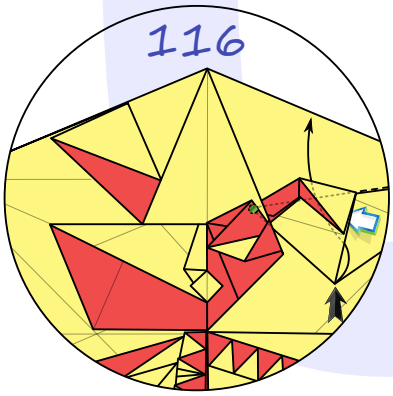
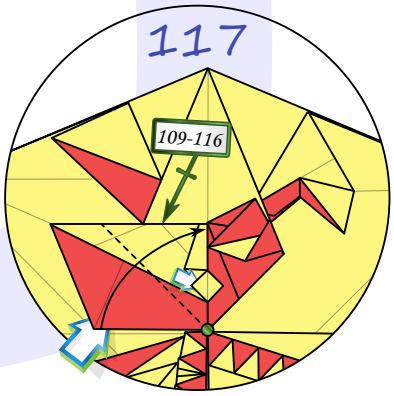
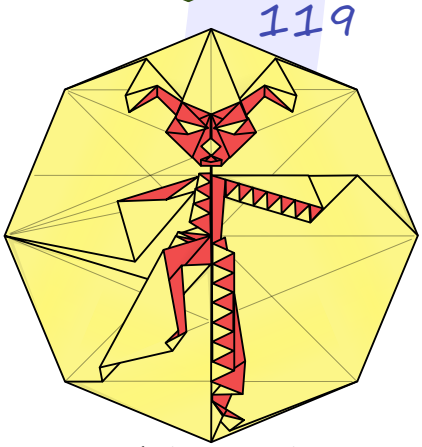






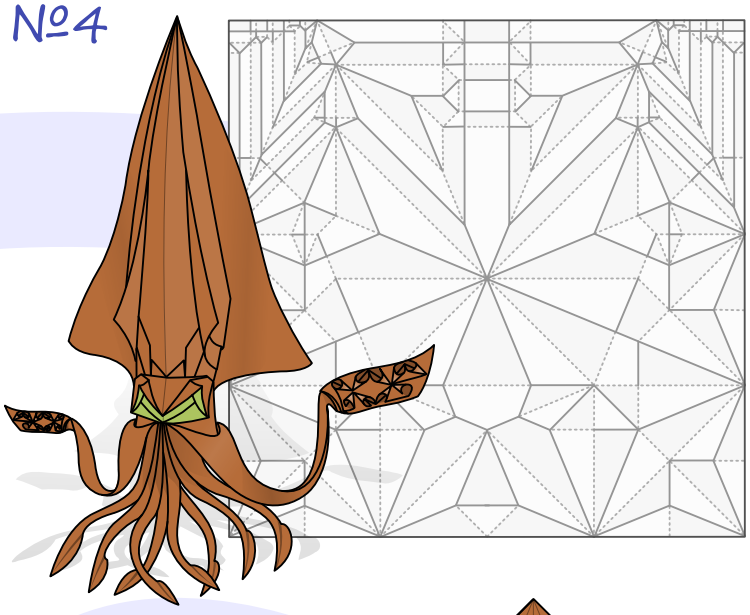
model complete

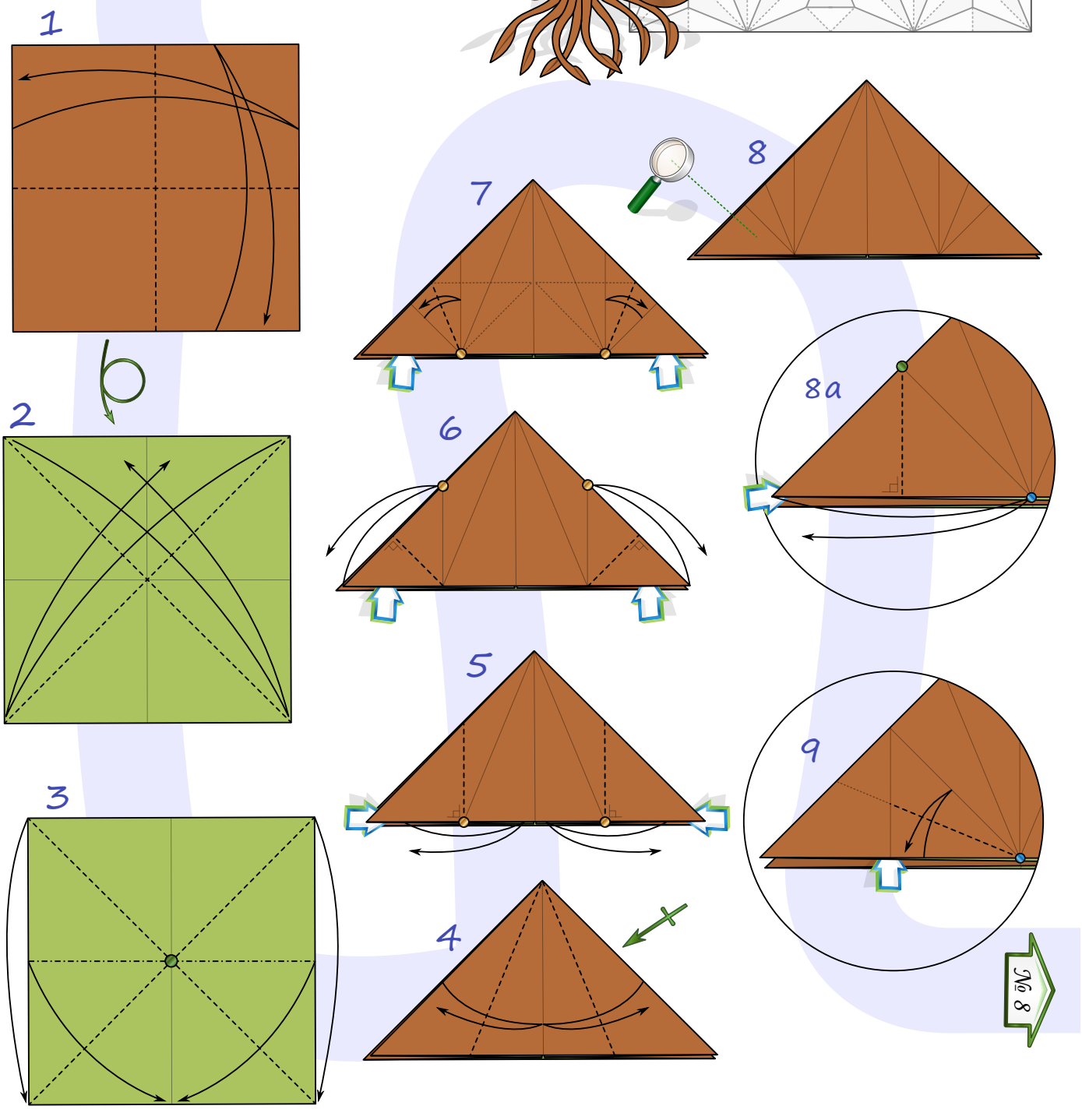
Task №4

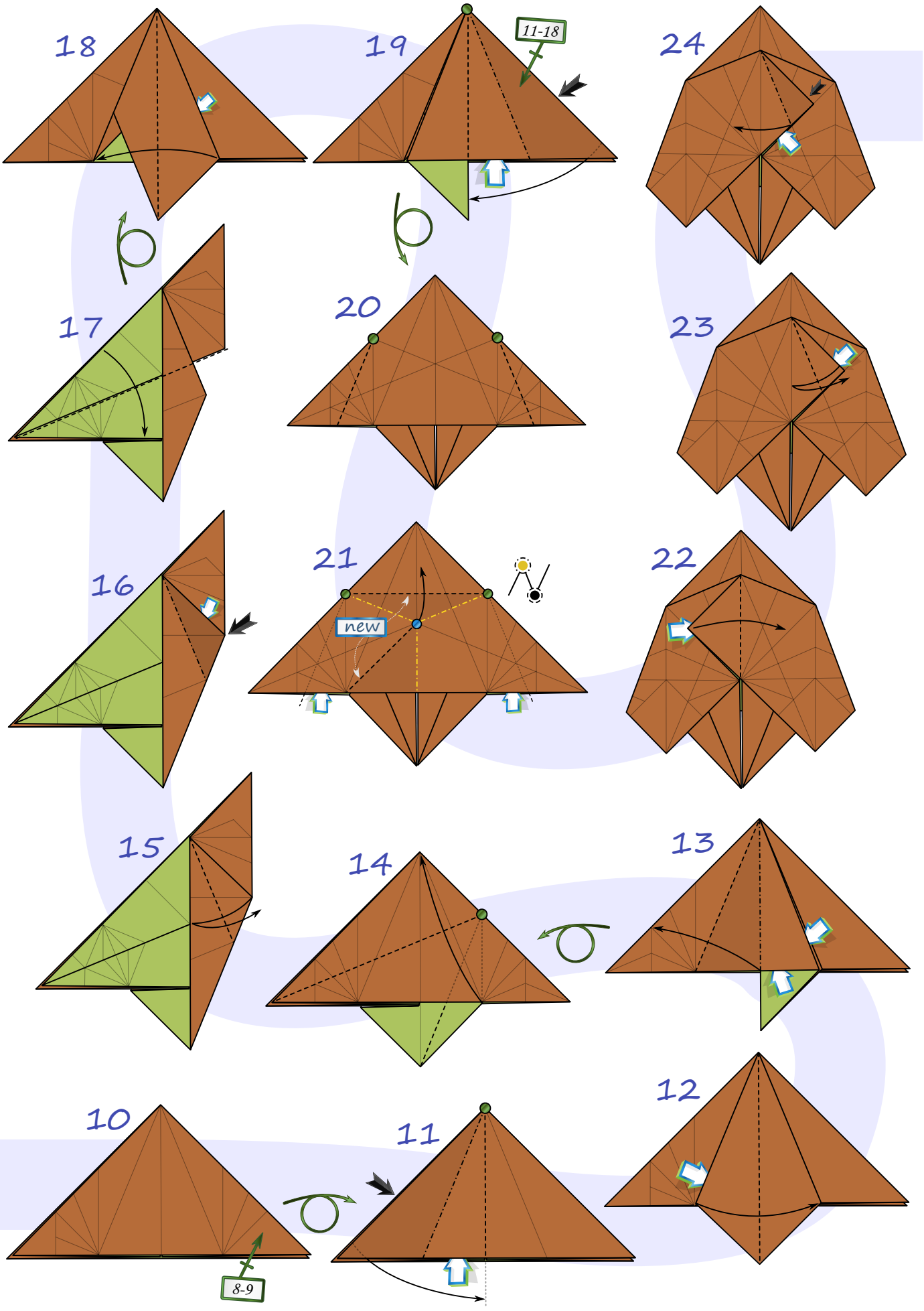
Squid

Andrey Ermakov (Russia)

Difficulty: **********
Paper: 20-30 g/m²
Paper size: 50-50 cm
Max score: 10 points



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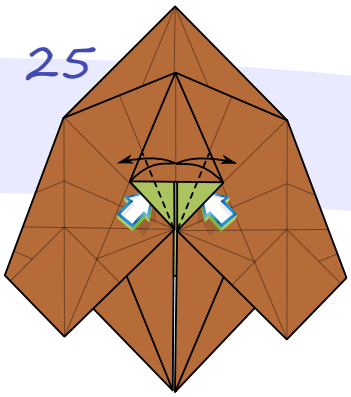
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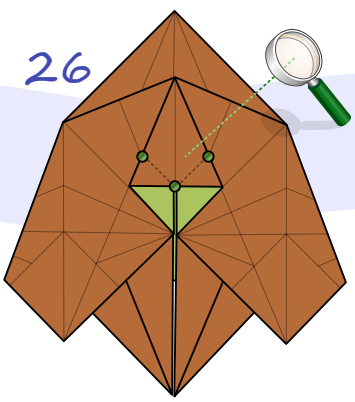
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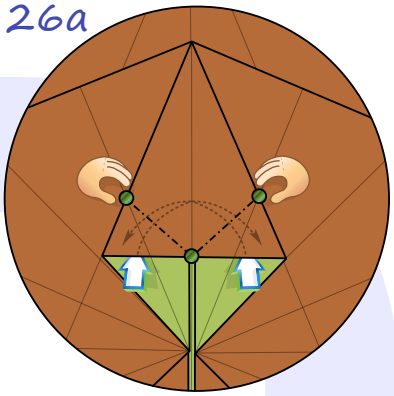
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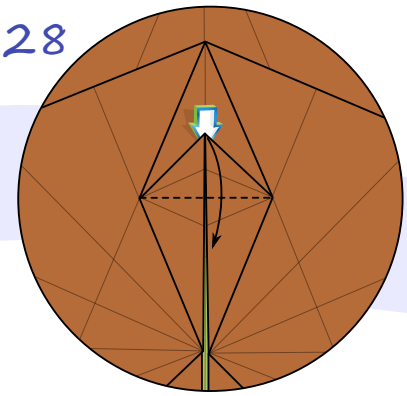
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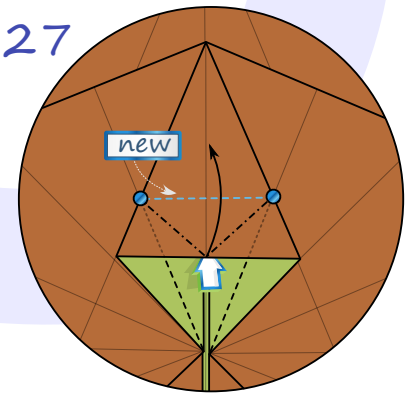
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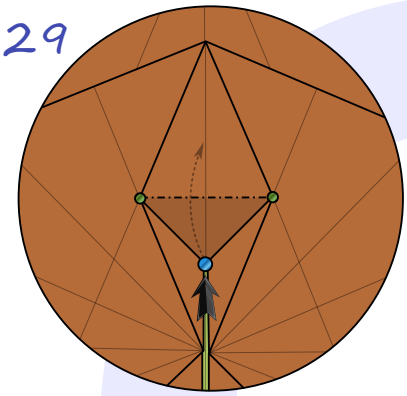
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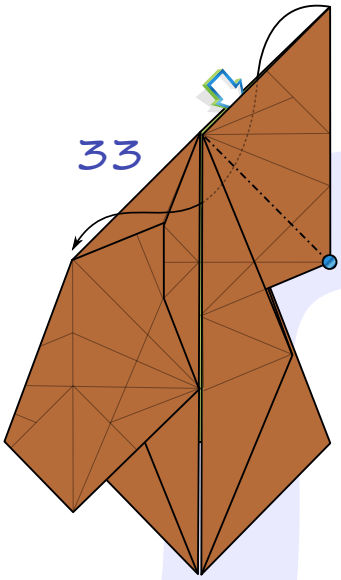
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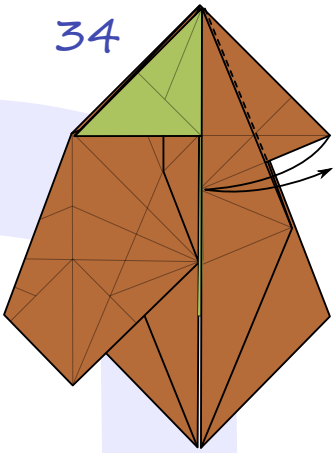
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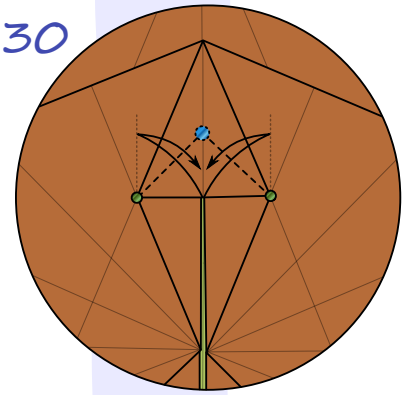
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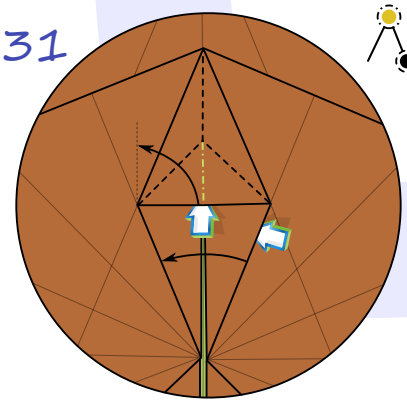
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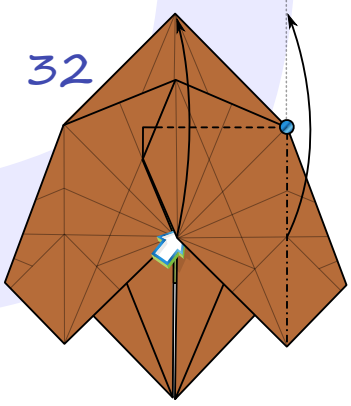
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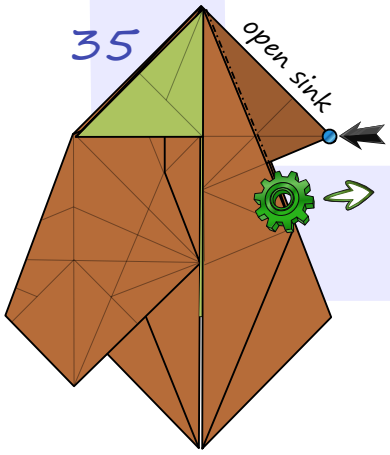
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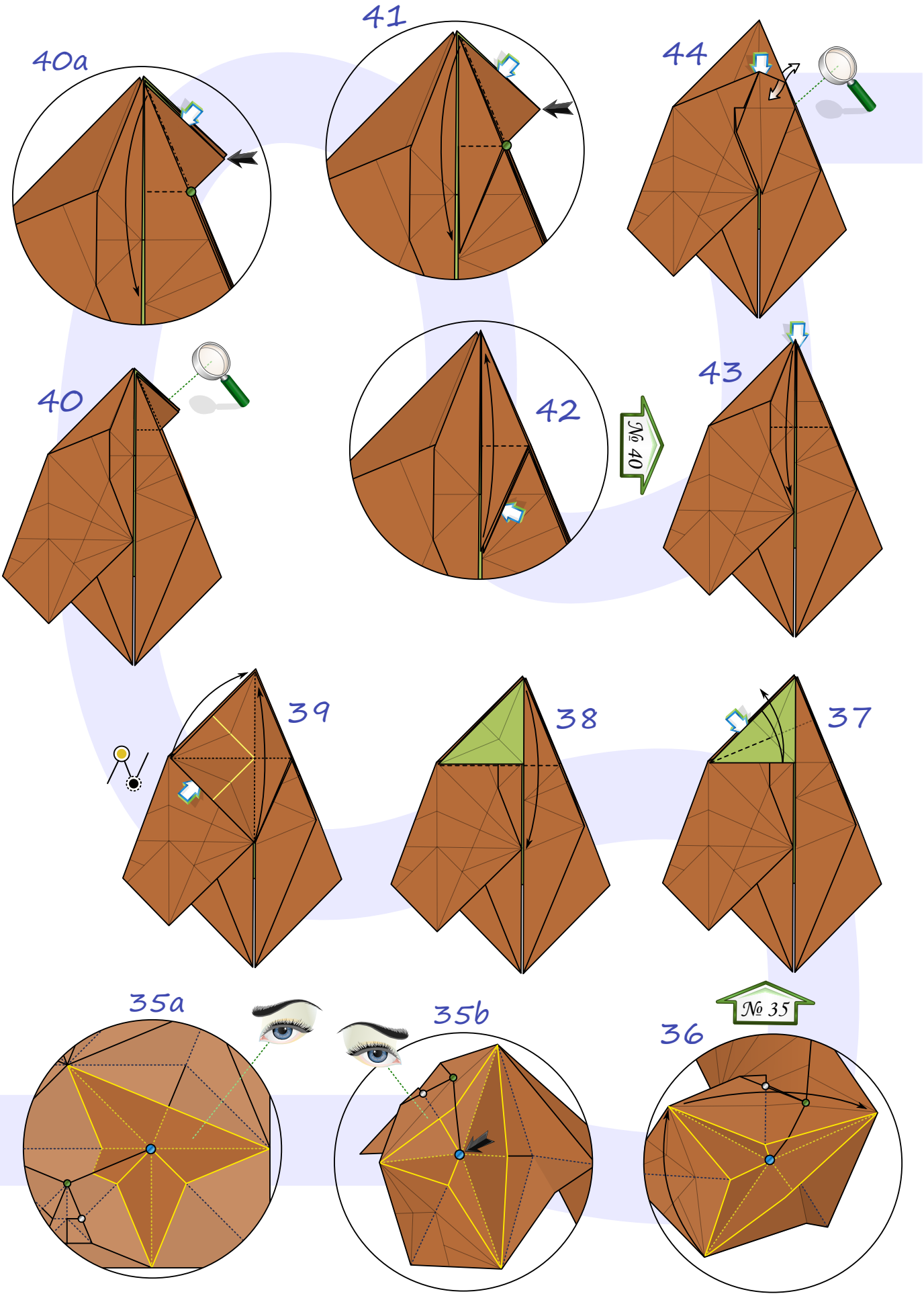
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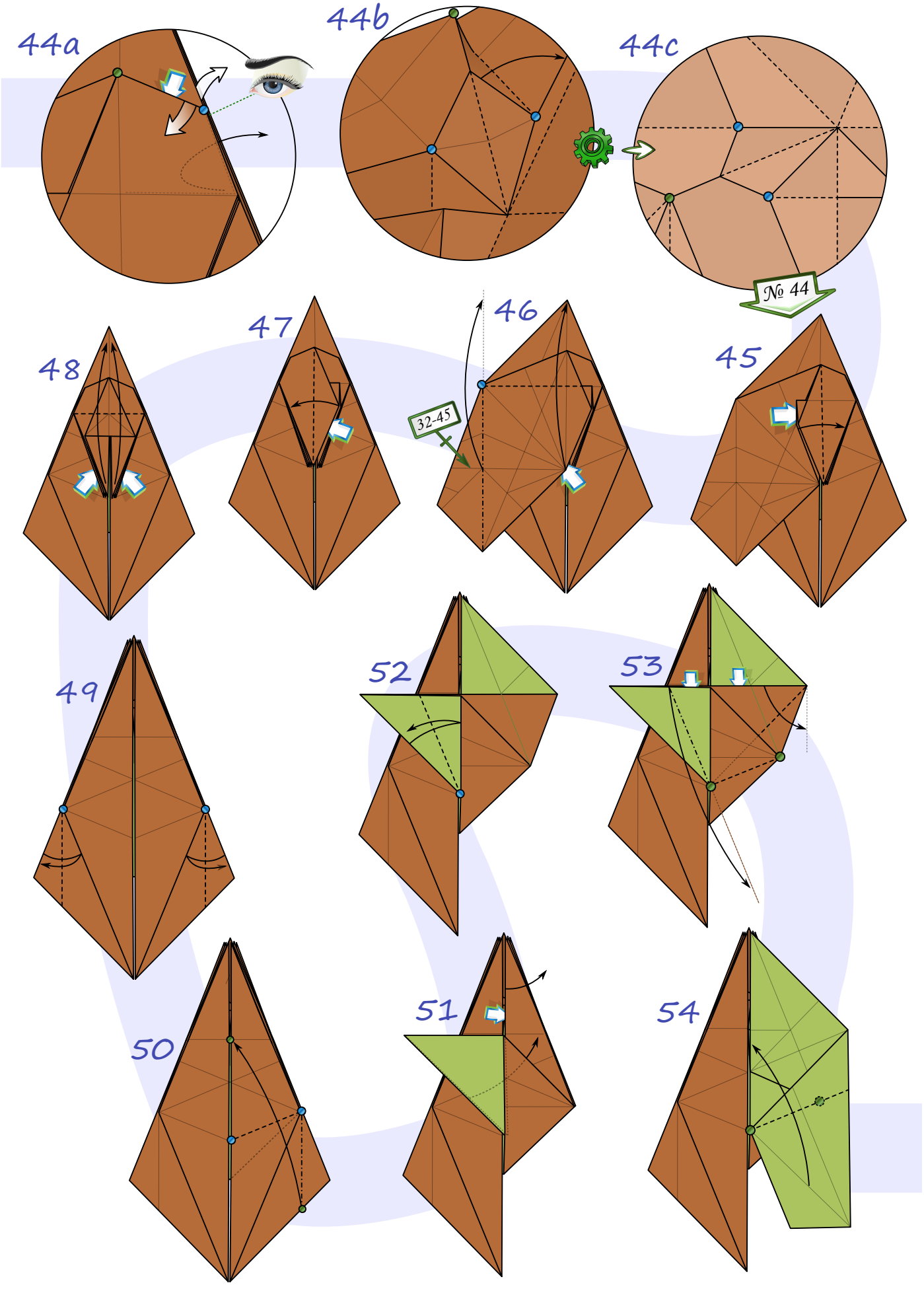
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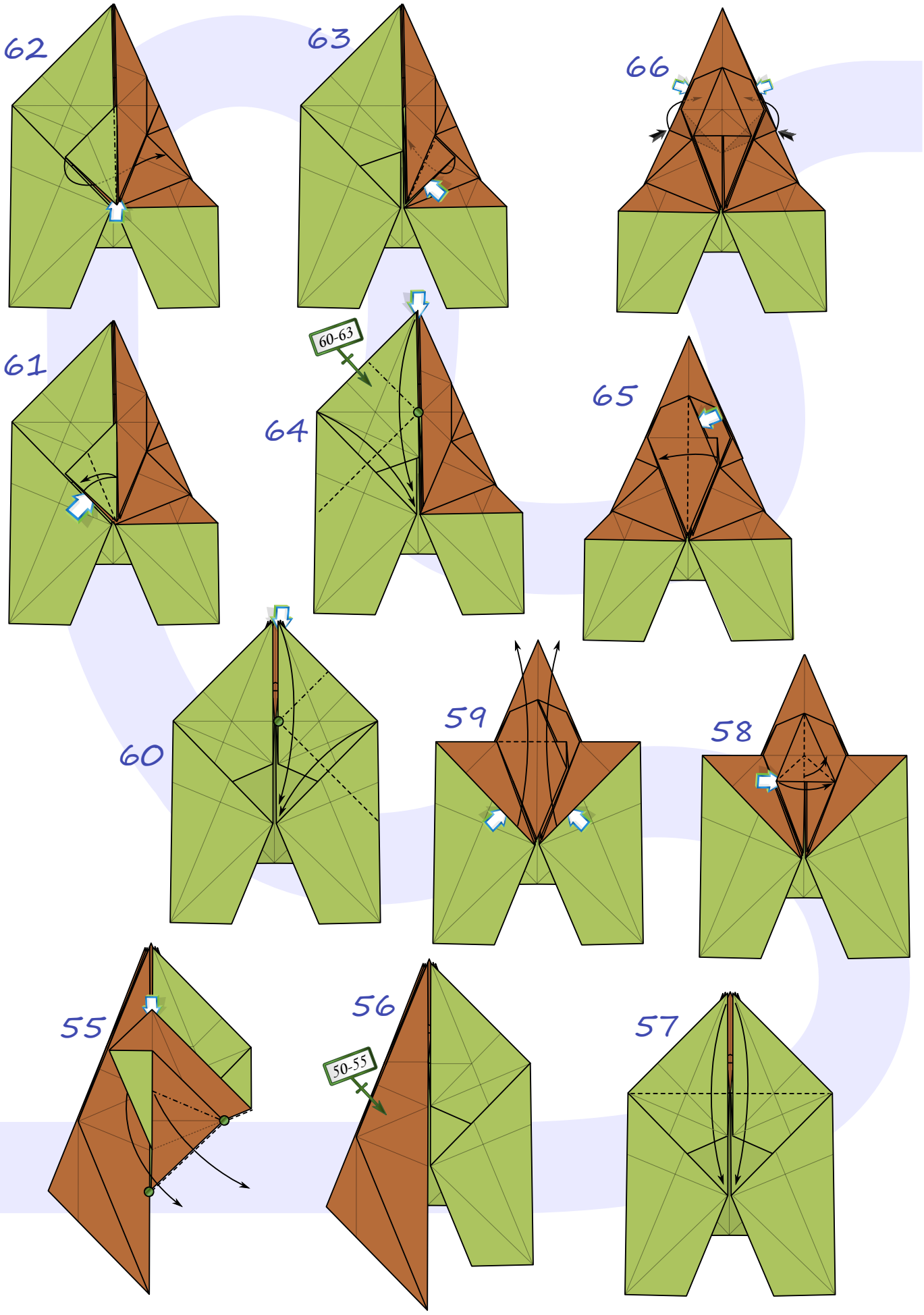
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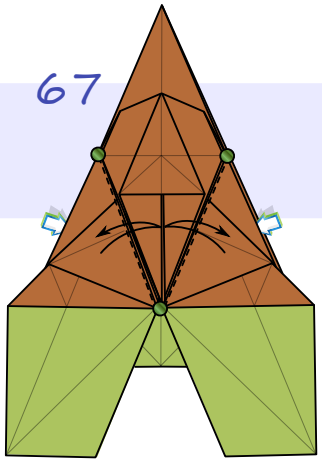
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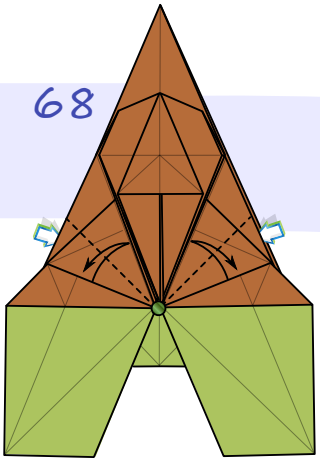
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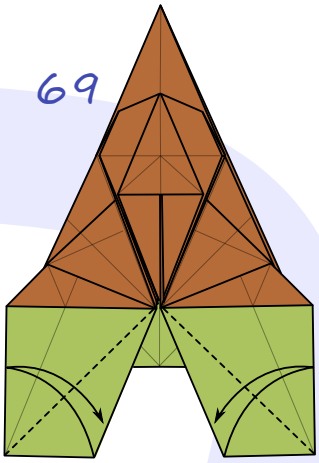
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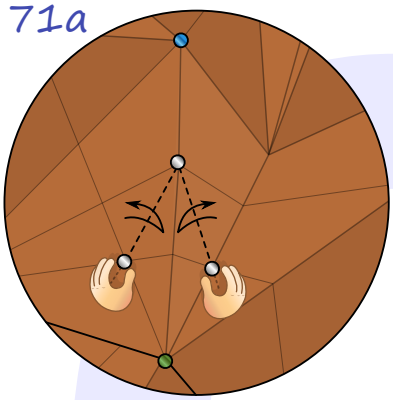
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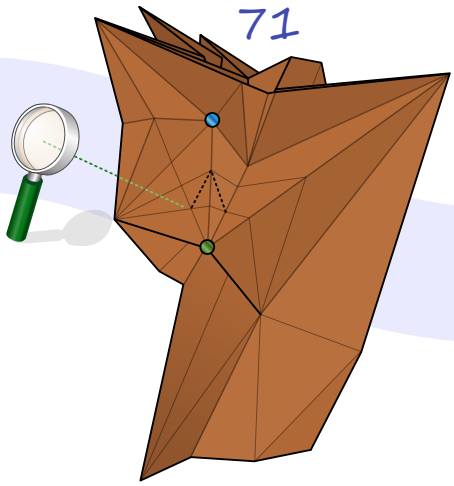
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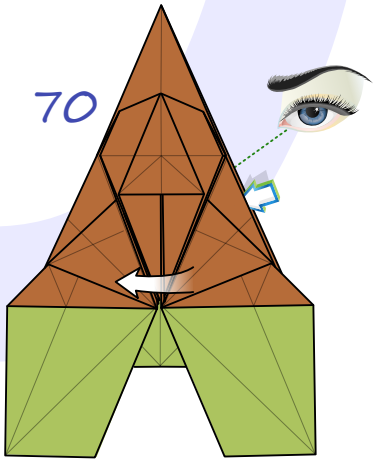
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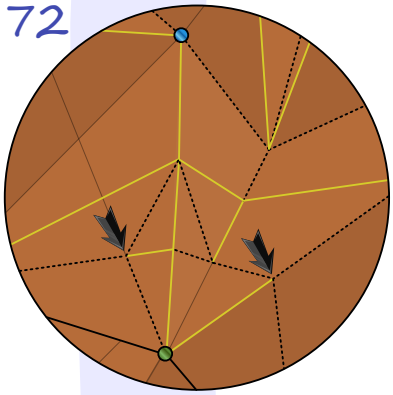
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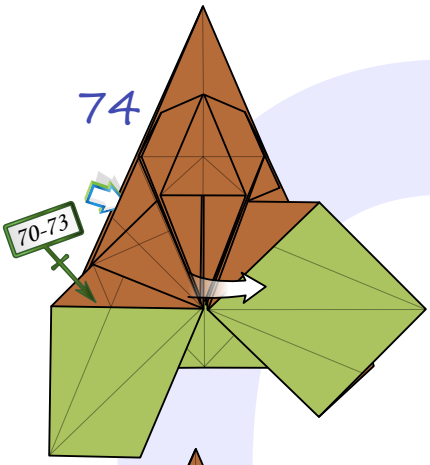
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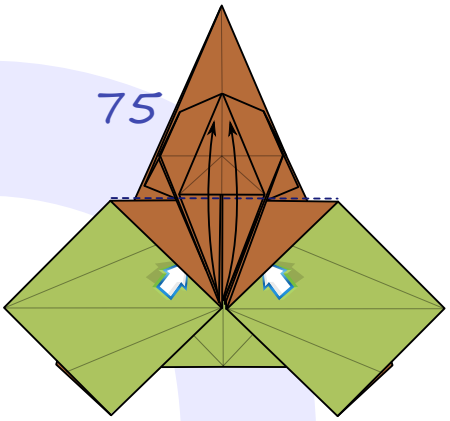
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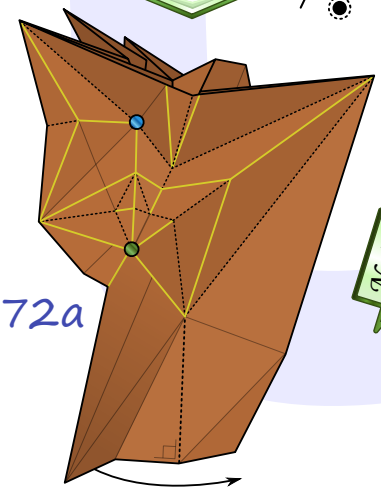
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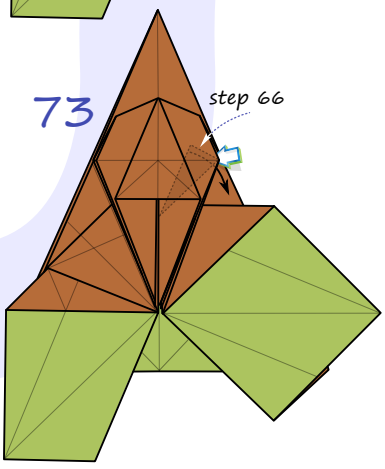
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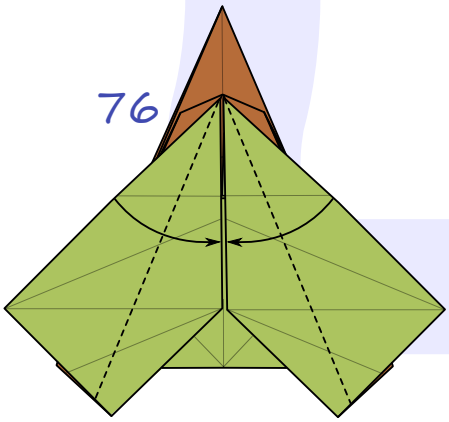
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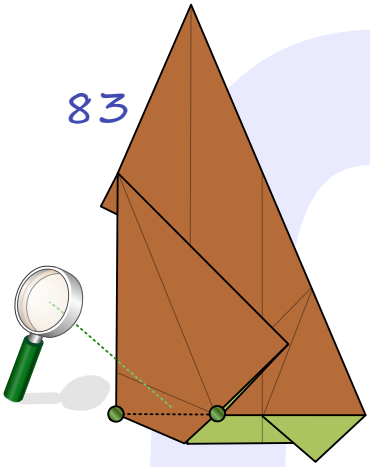
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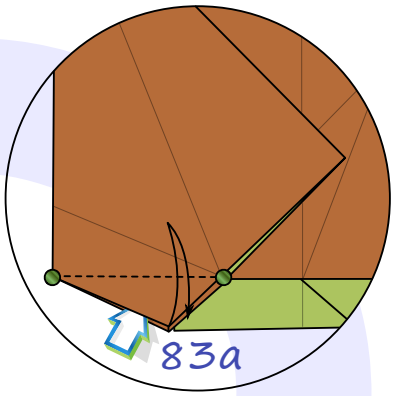
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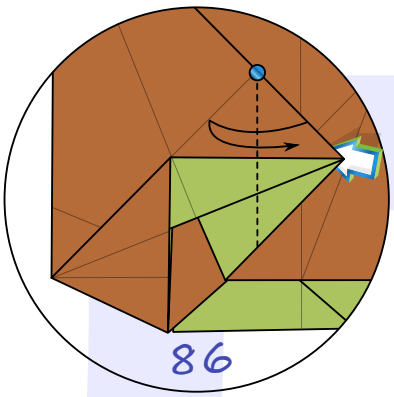
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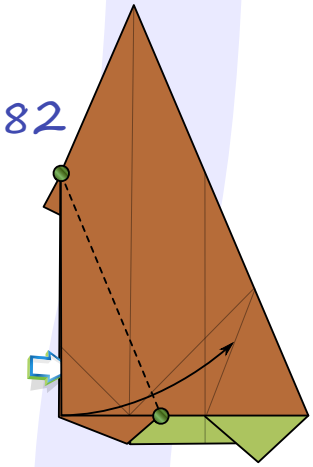
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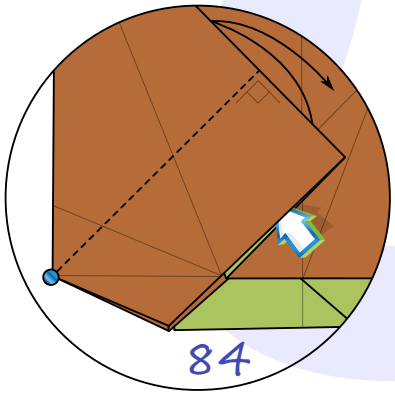
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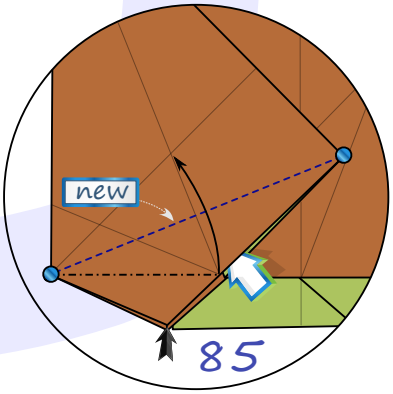
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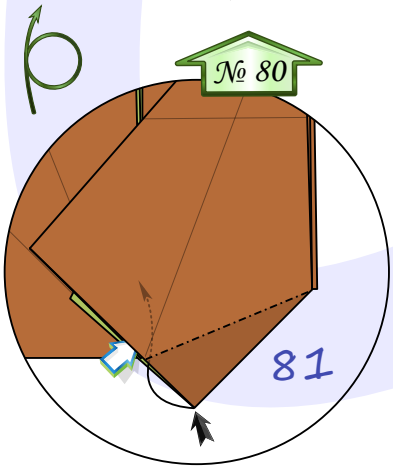
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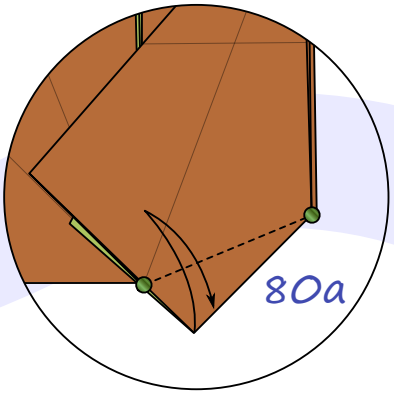
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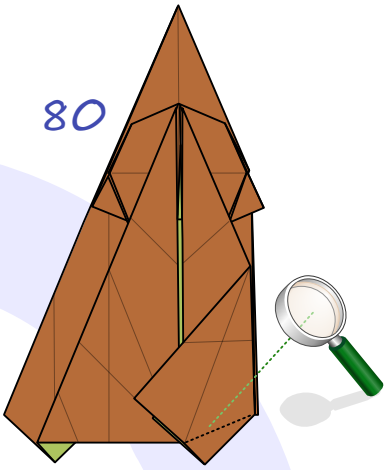
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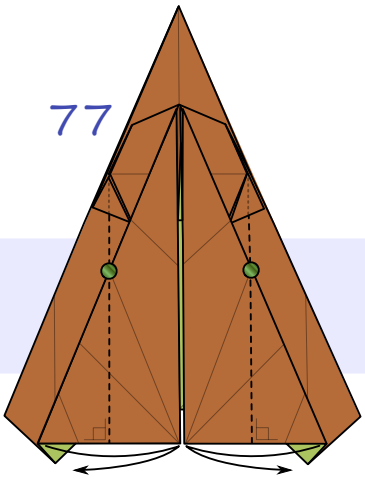
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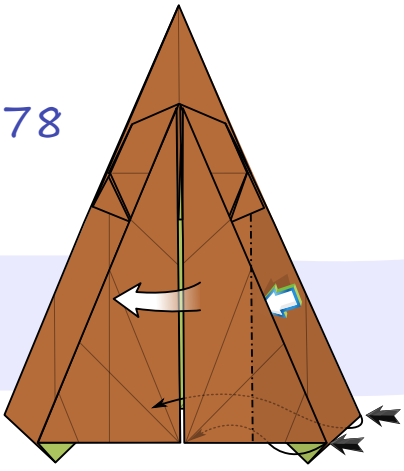
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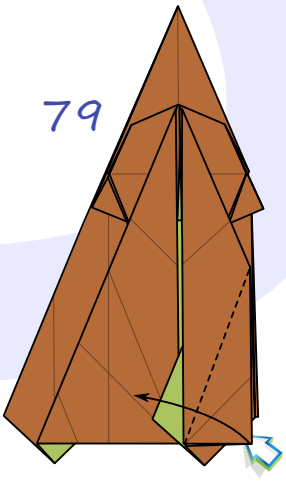
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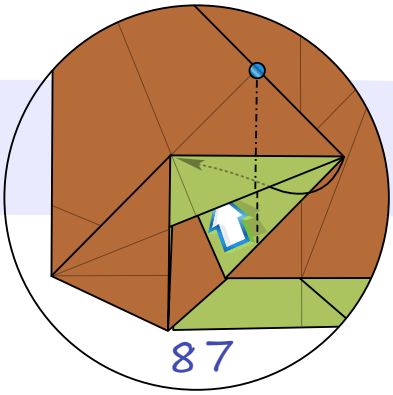
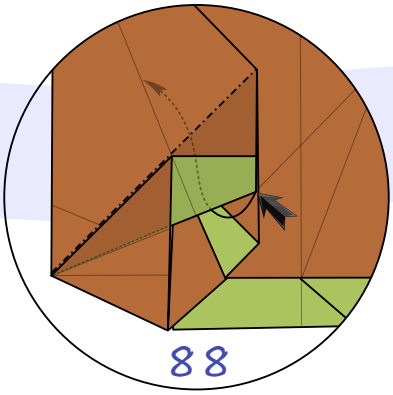
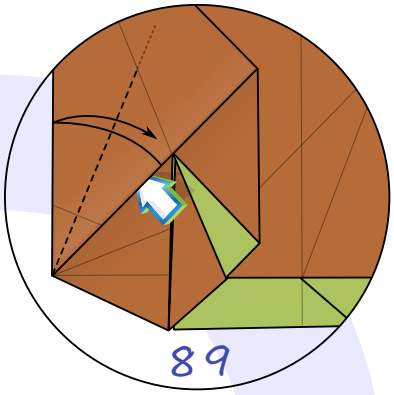
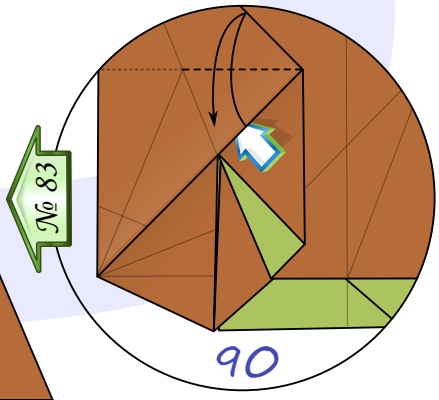
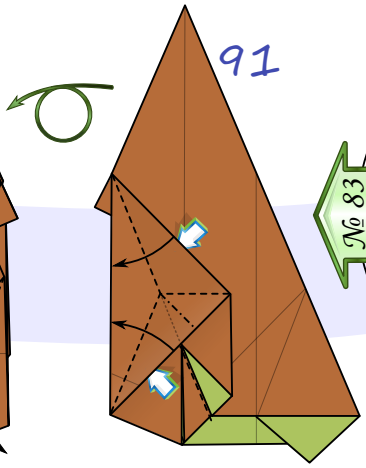
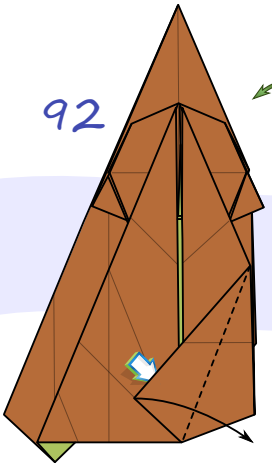


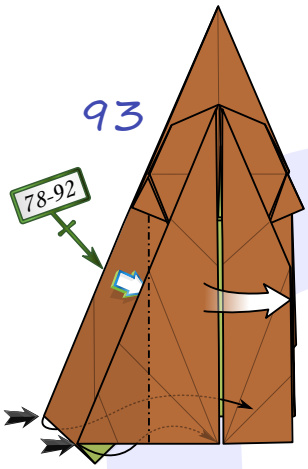


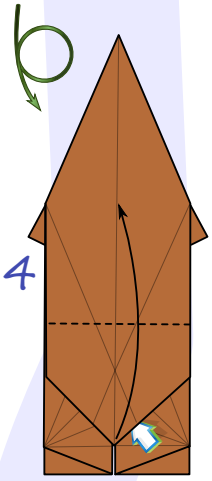


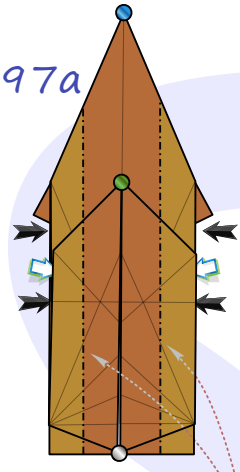


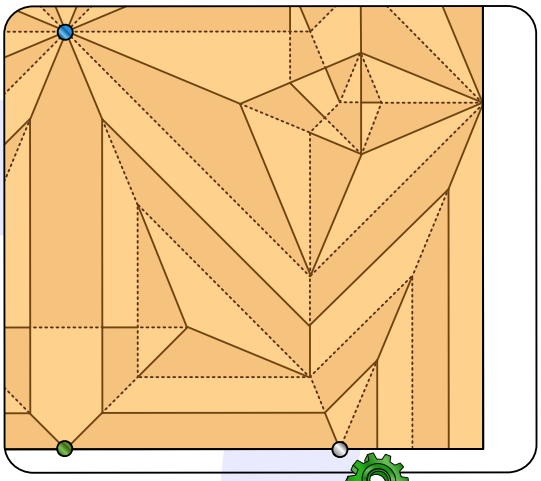


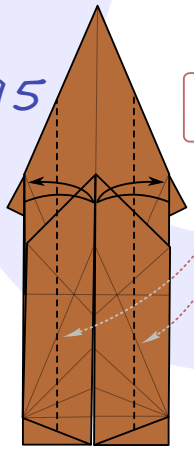


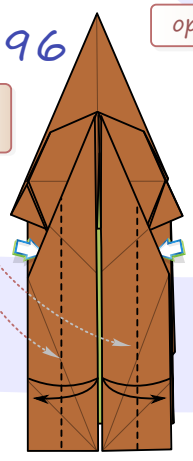


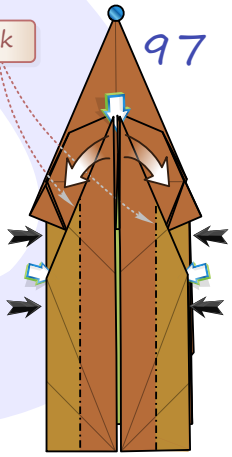


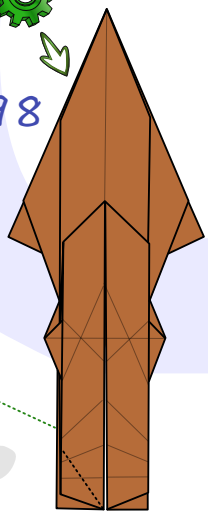








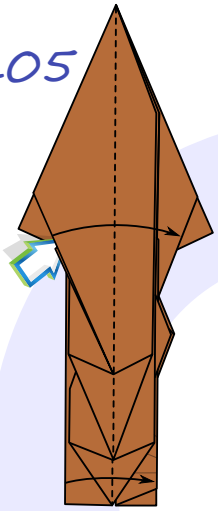




open sink

fold only the upper layers

105



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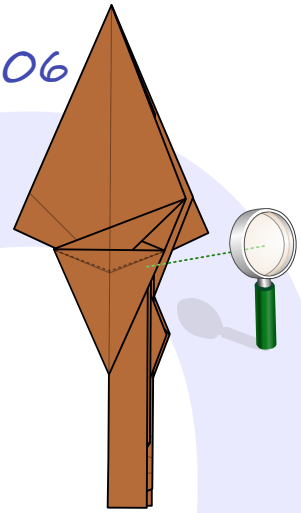

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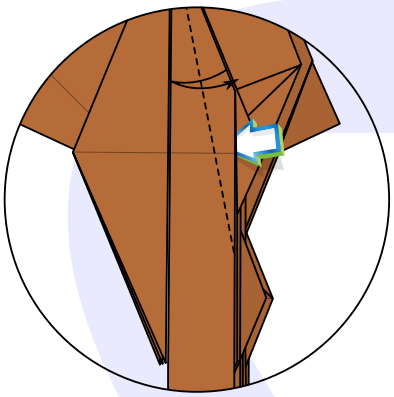

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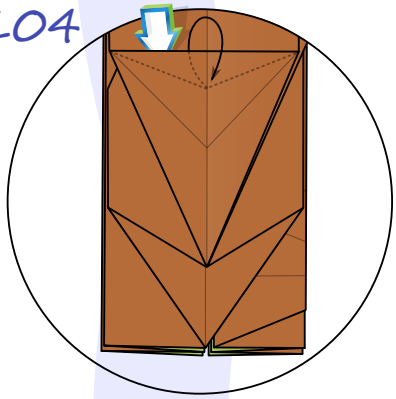

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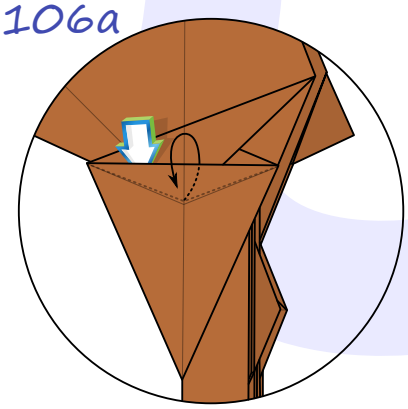

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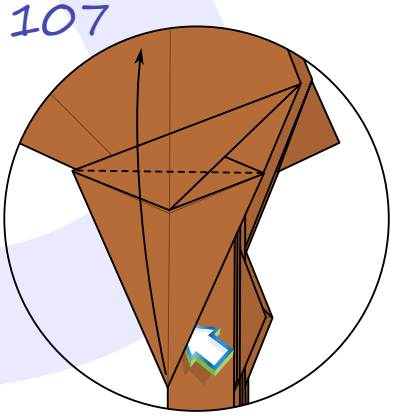

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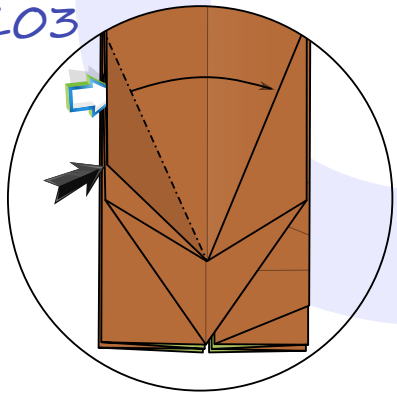

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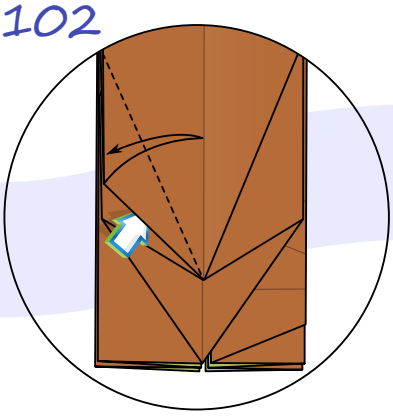

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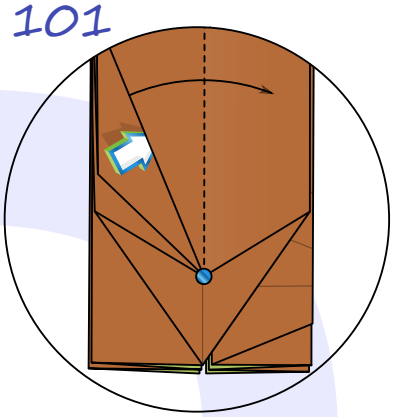

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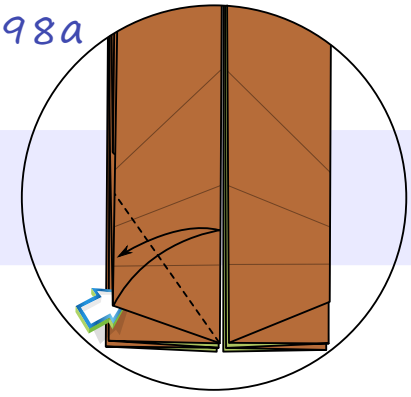

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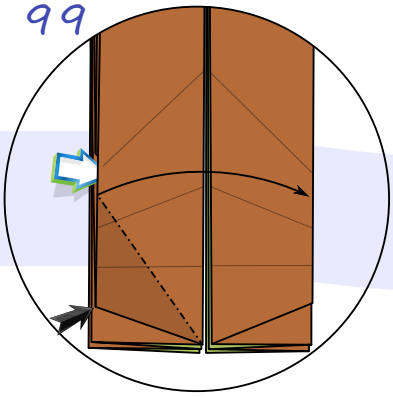

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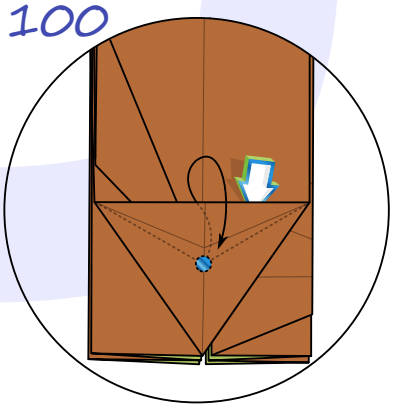

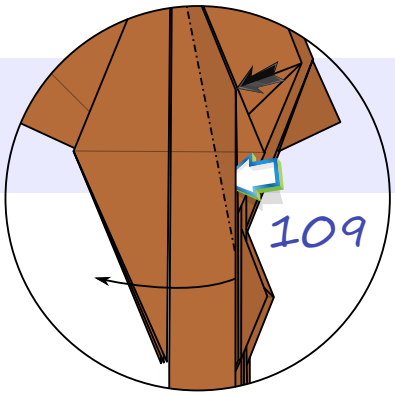
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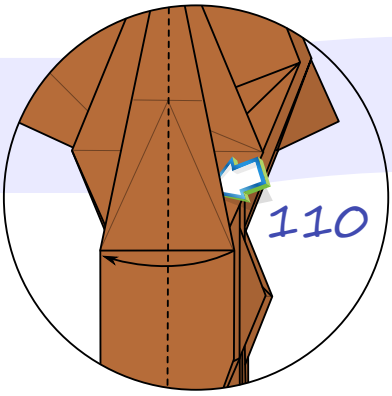
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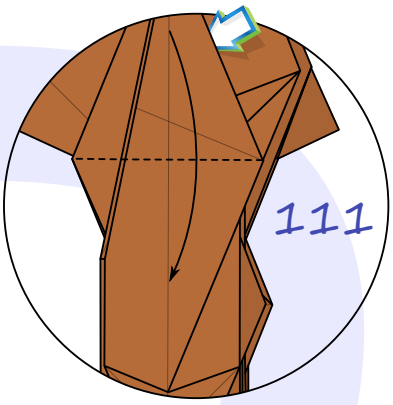
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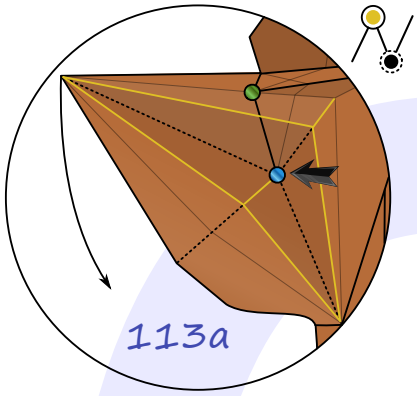
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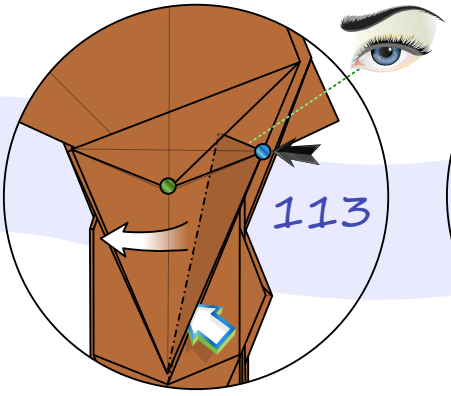
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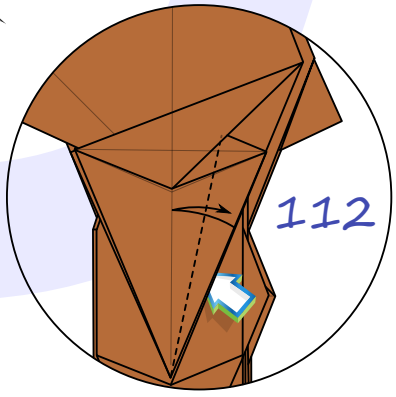
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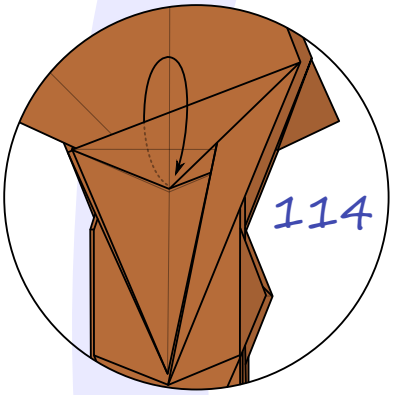
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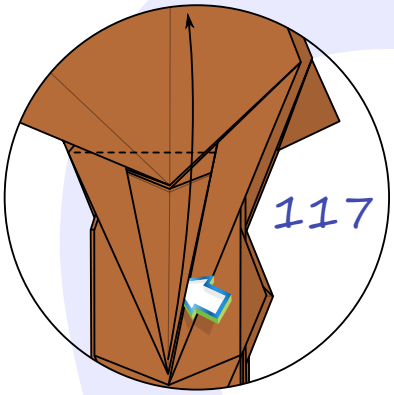
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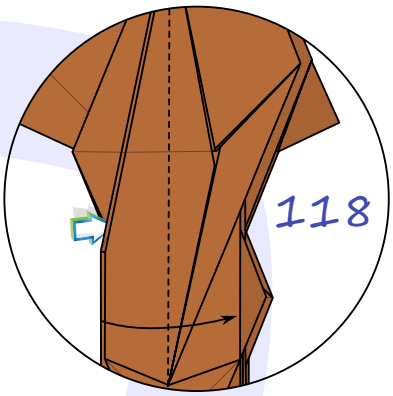
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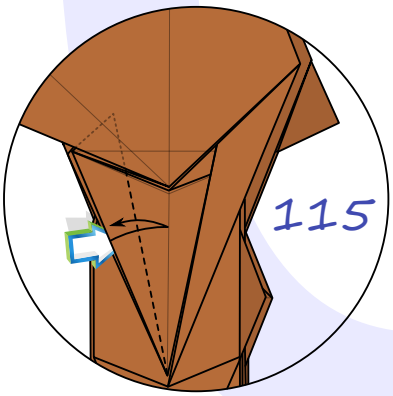
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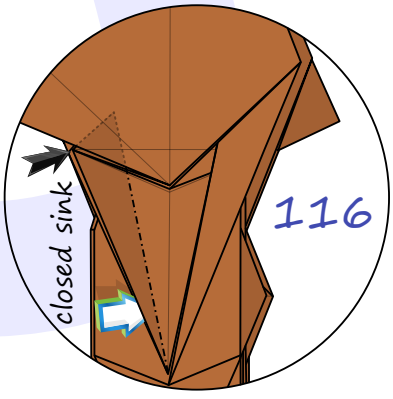
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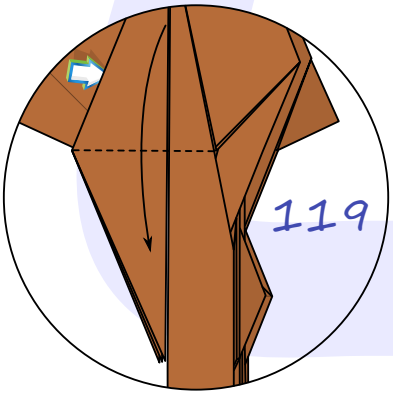
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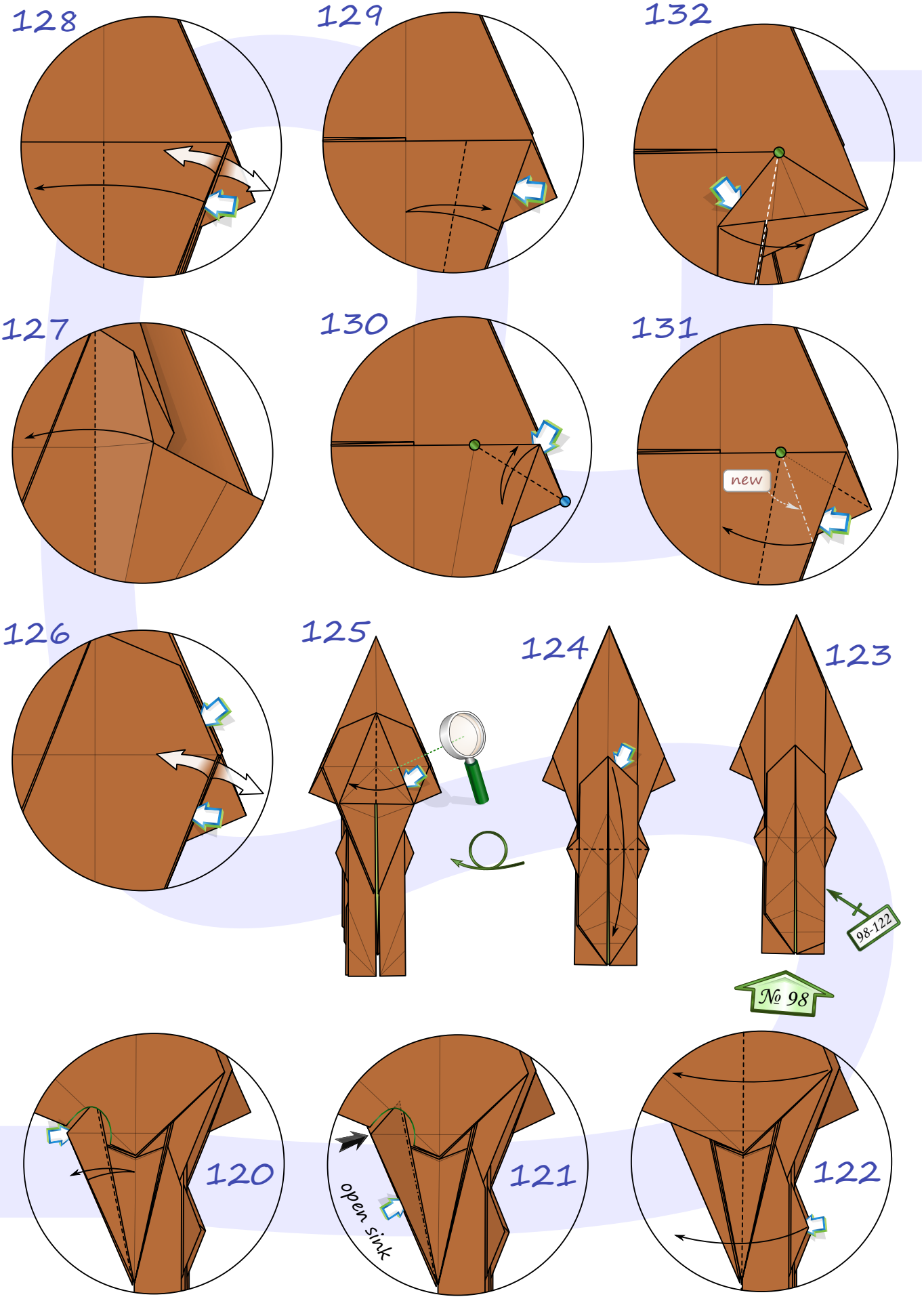
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open sink
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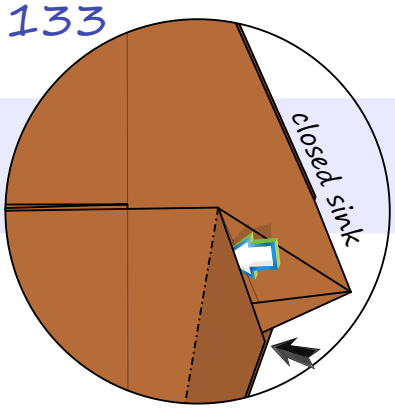
133



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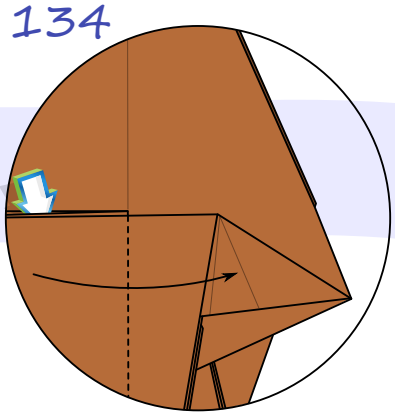

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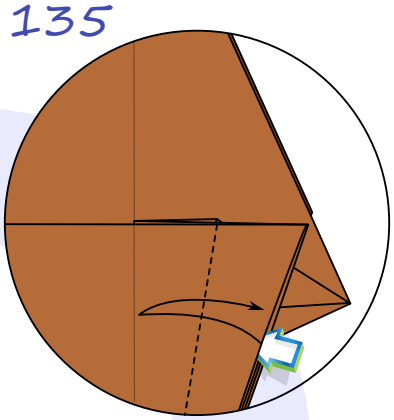

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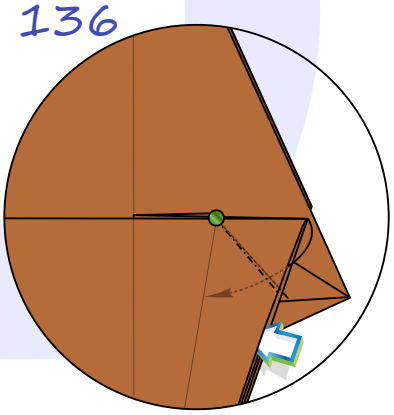

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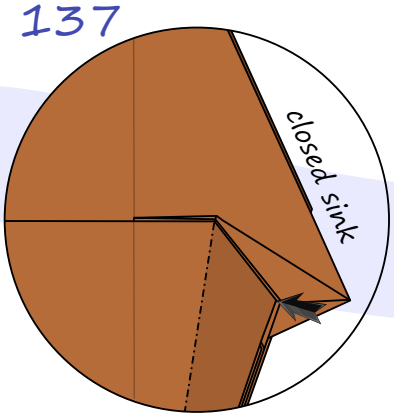

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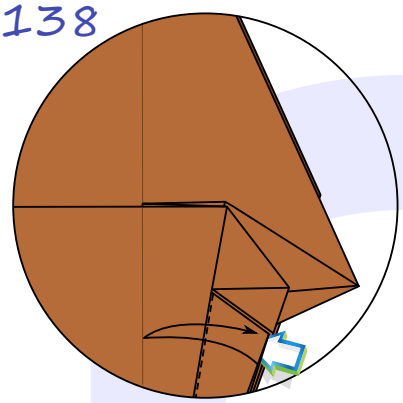

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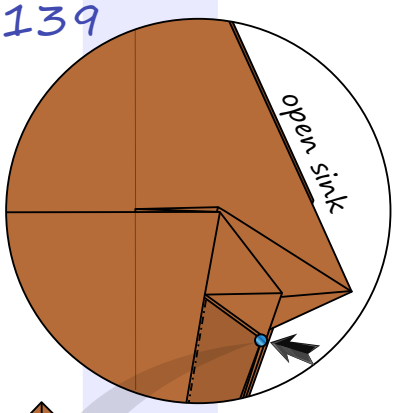

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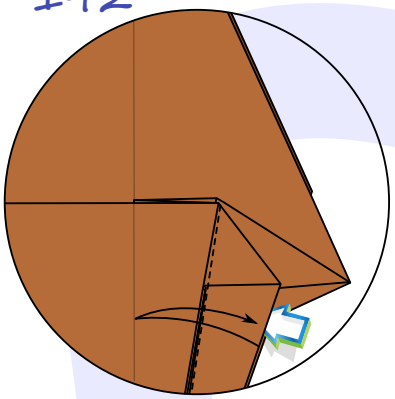

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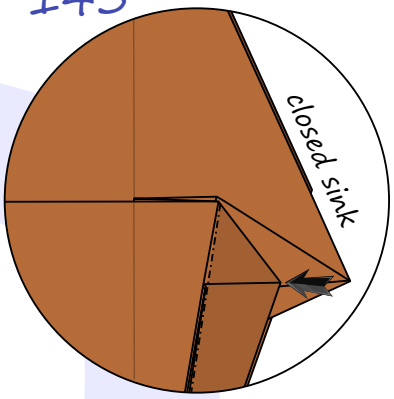

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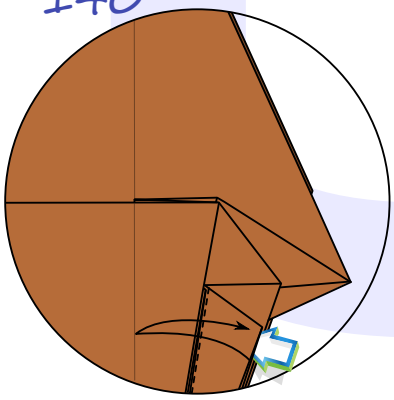

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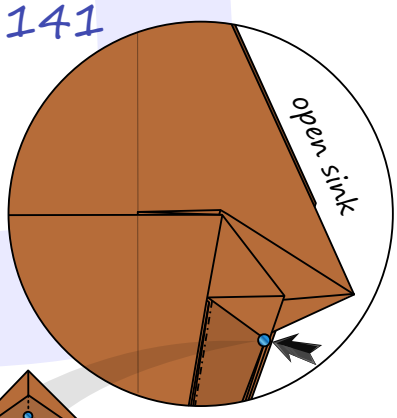

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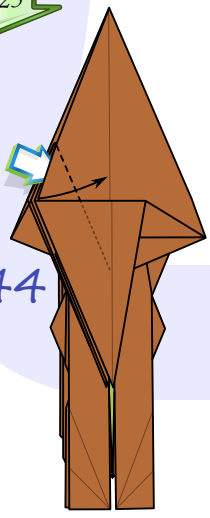

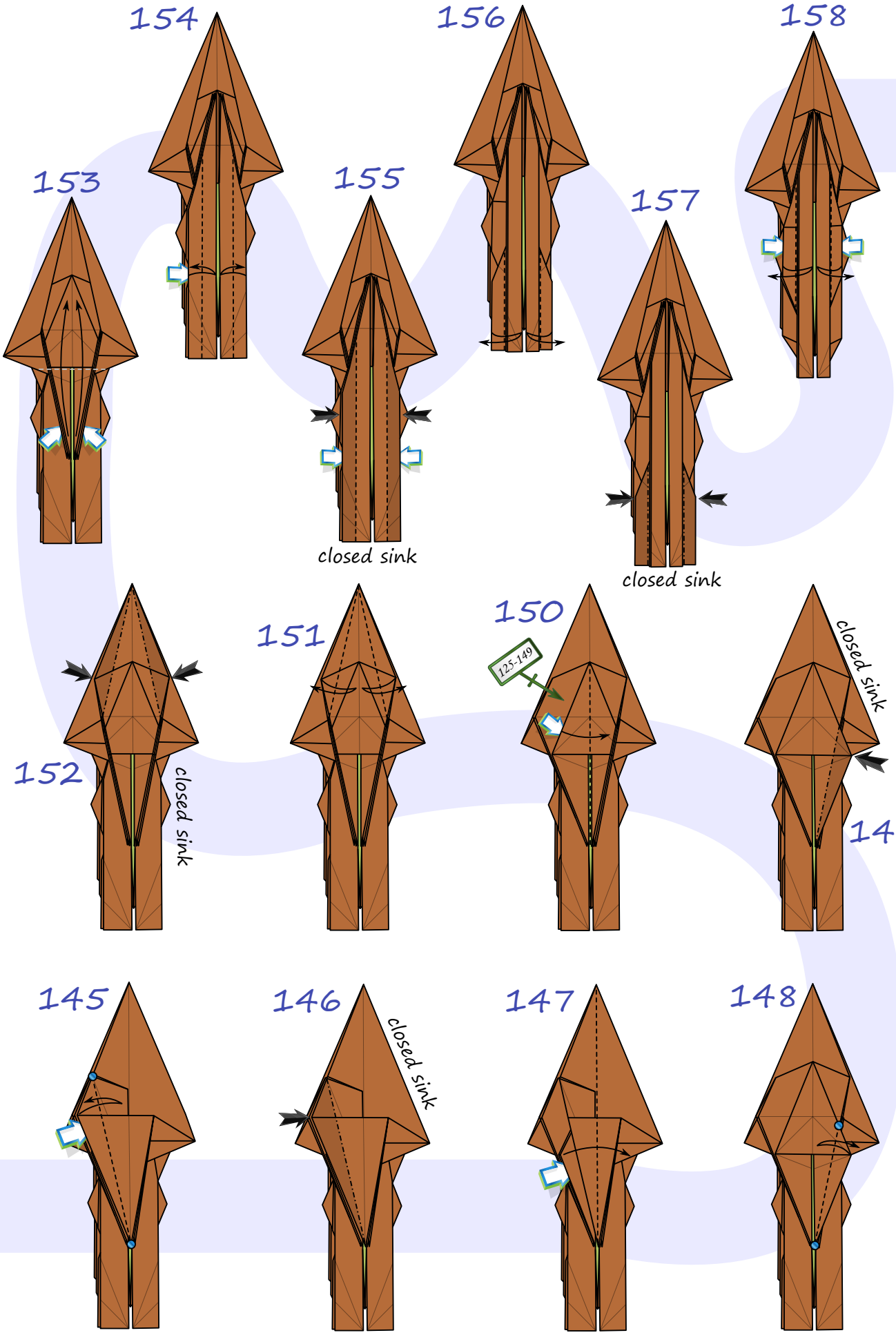
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closed sink
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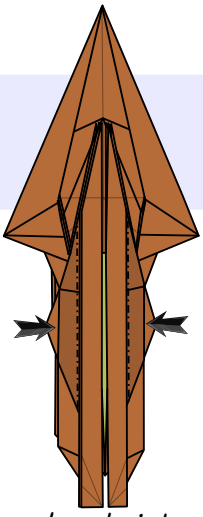

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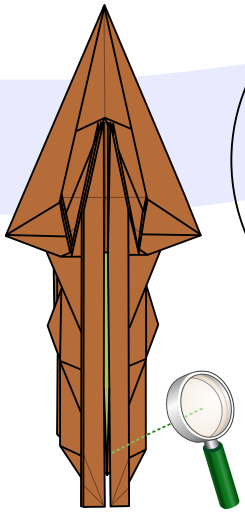

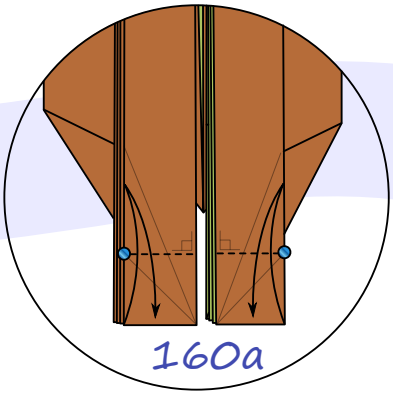

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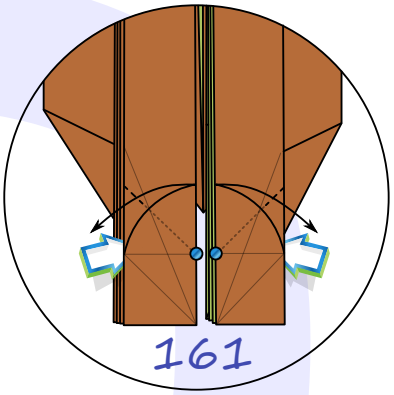

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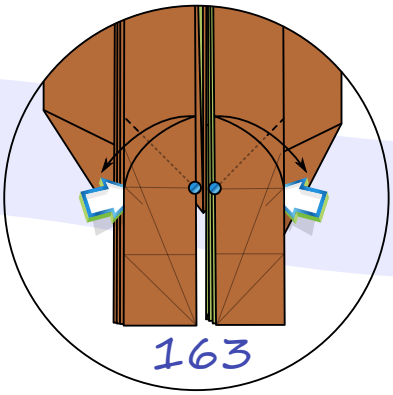

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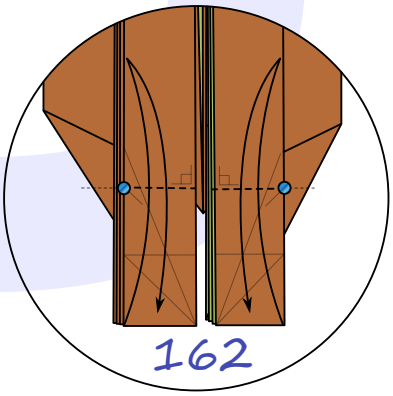

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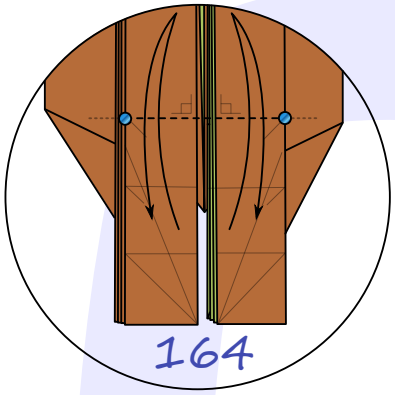

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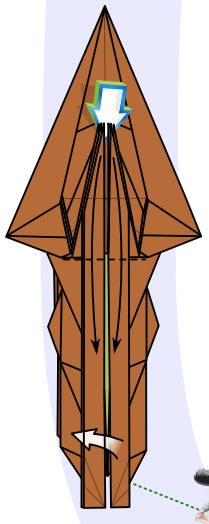

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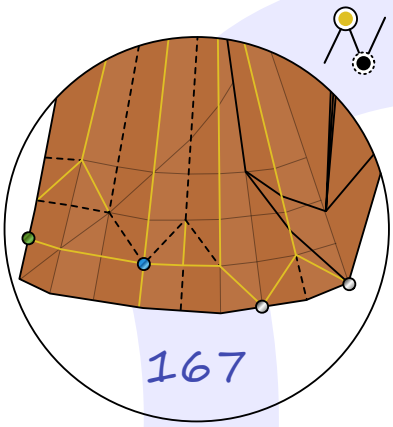

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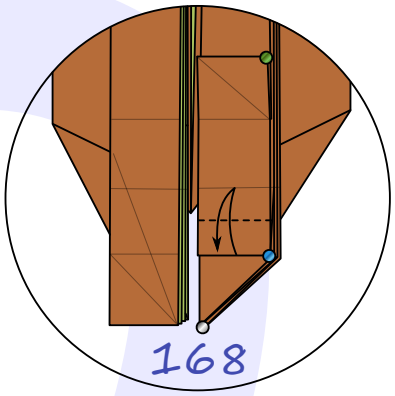

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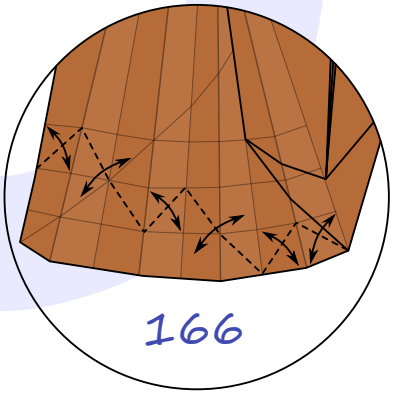

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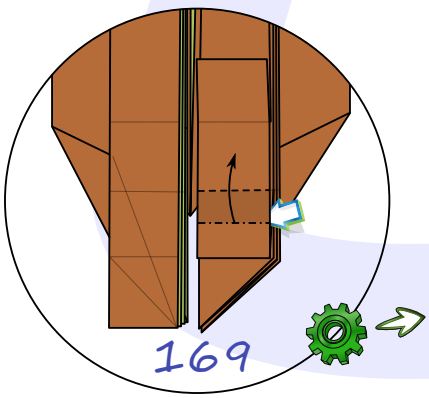

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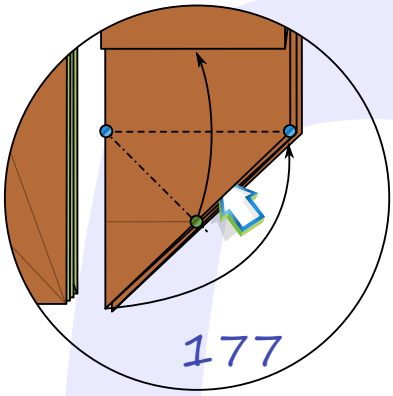
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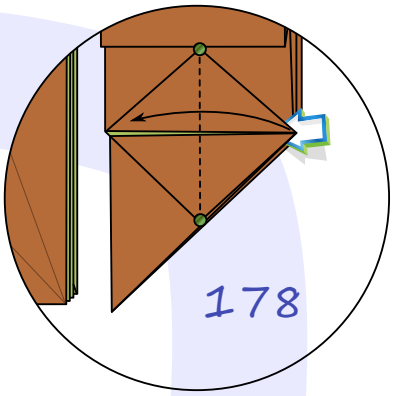
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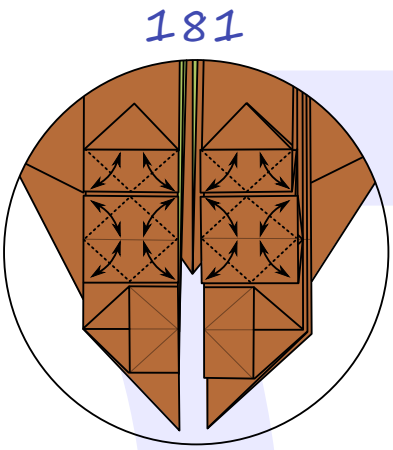
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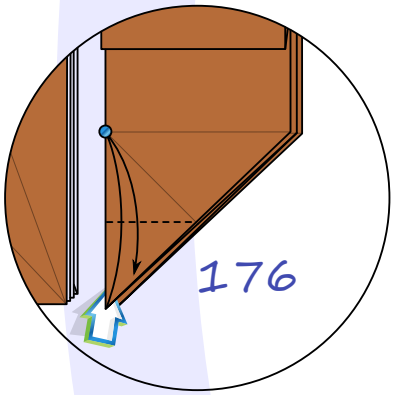
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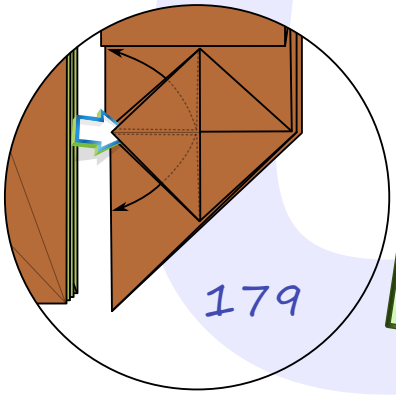
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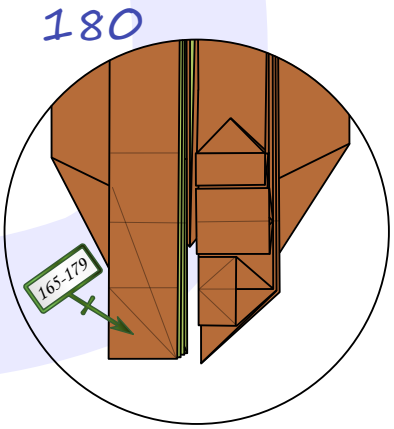
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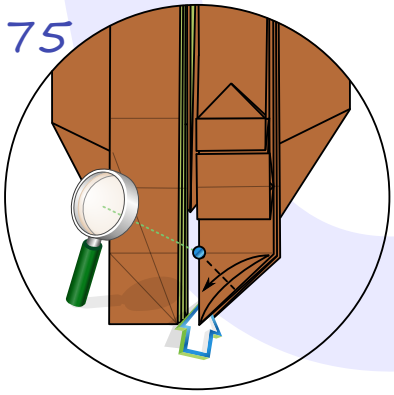
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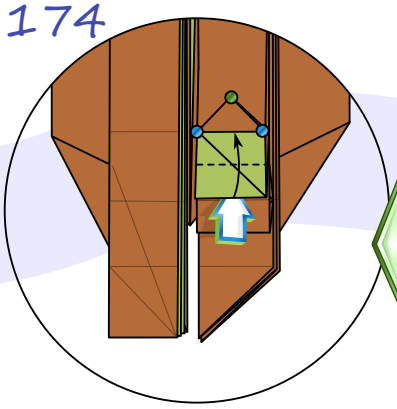
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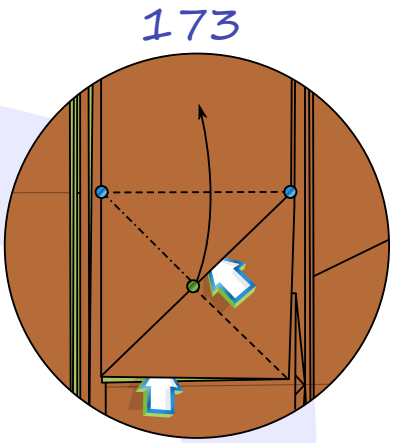
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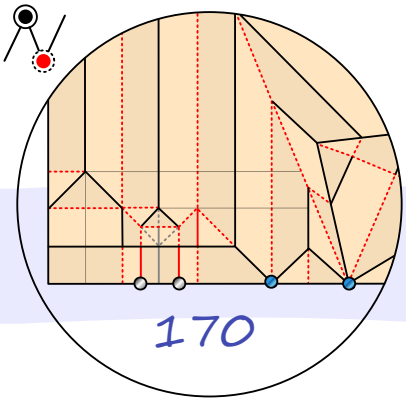
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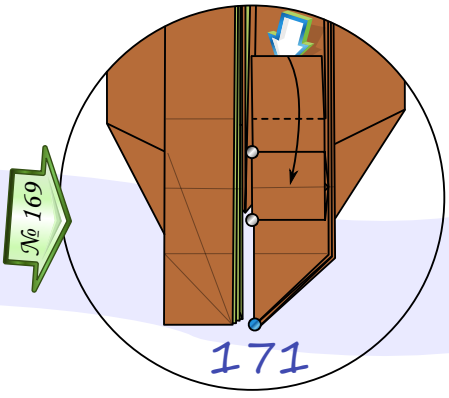
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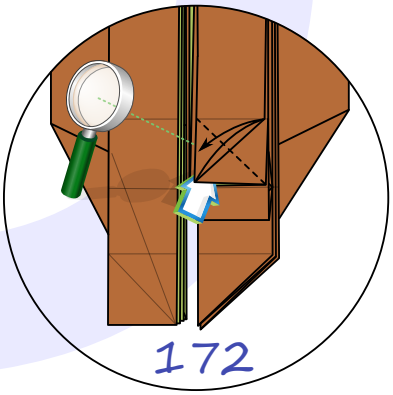
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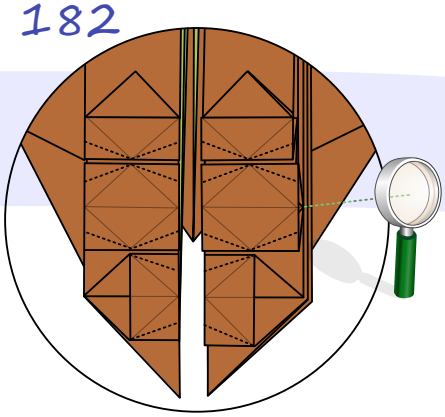

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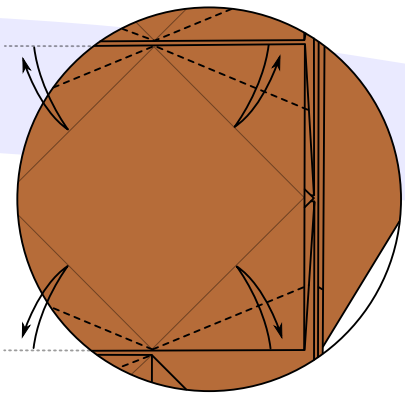

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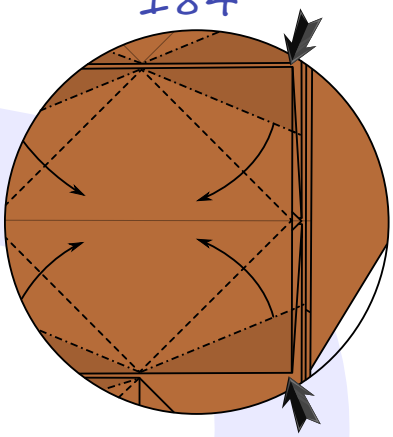

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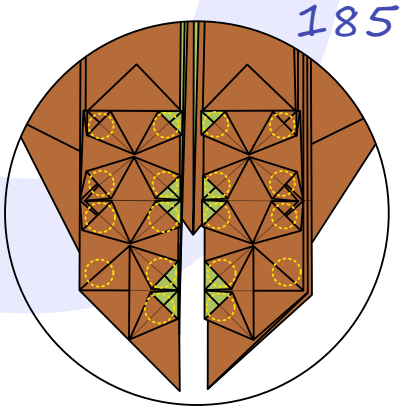

shape the suckers

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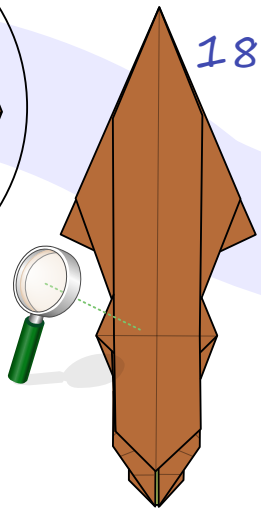

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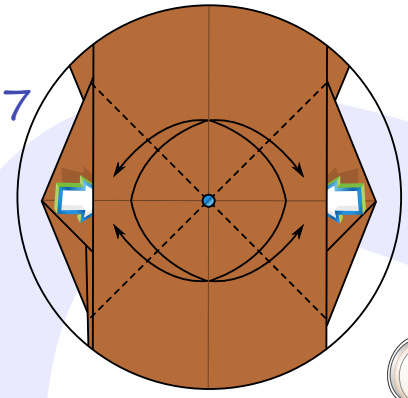

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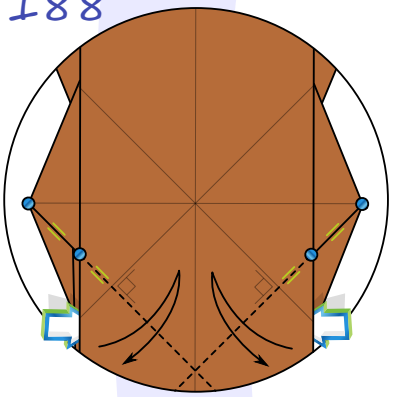

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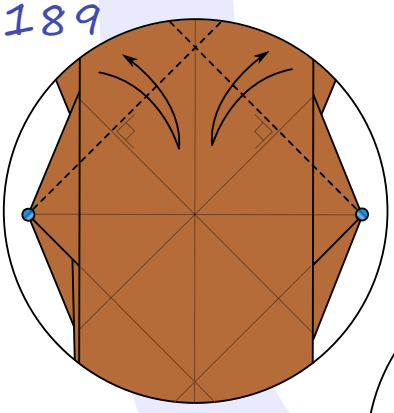

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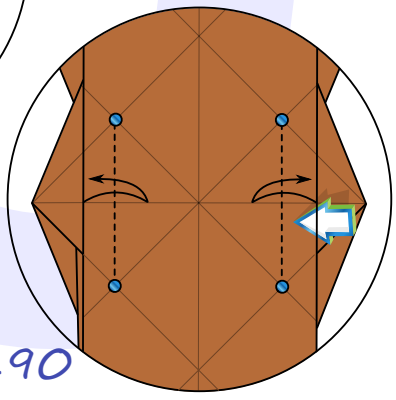

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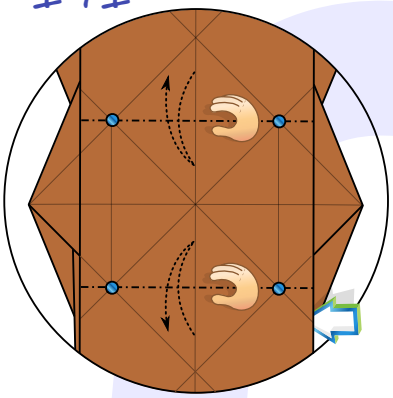

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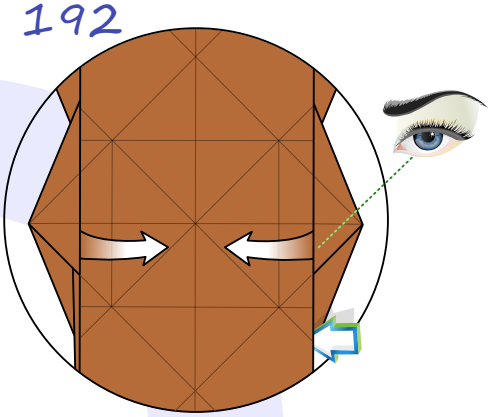

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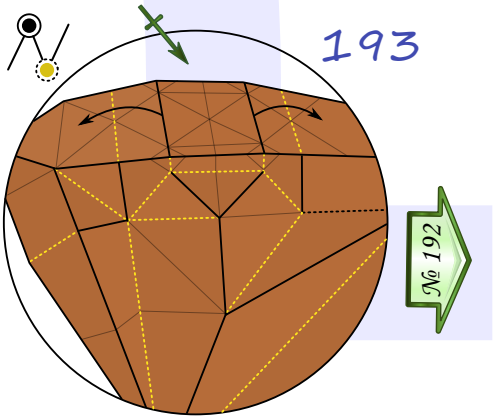

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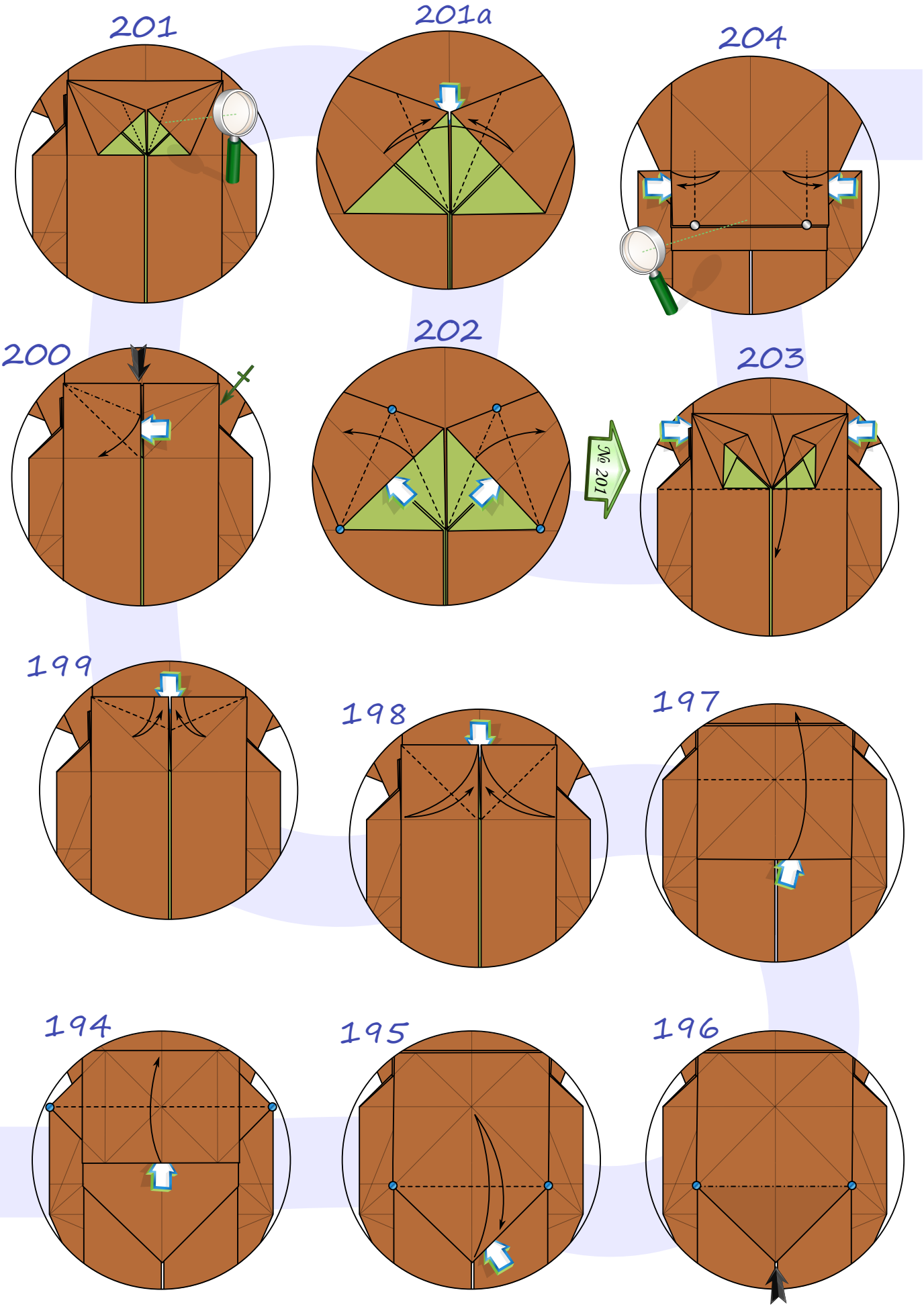
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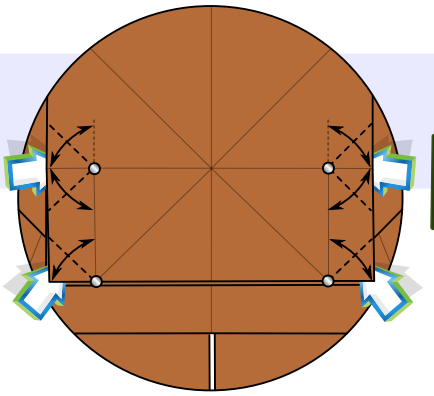

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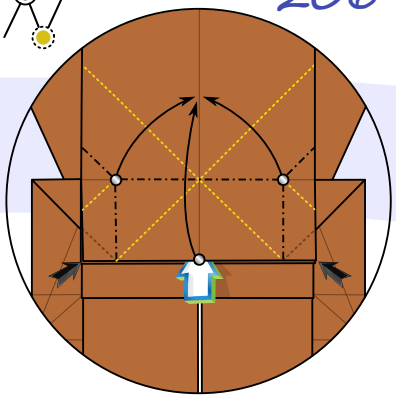

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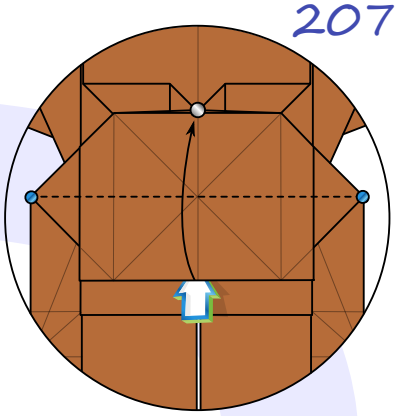

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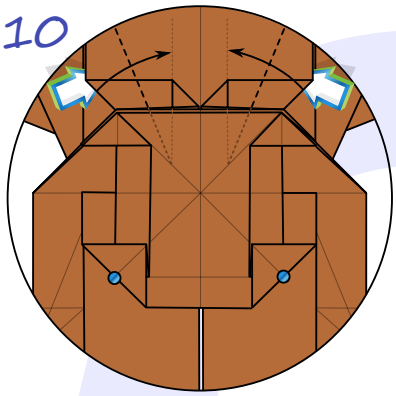

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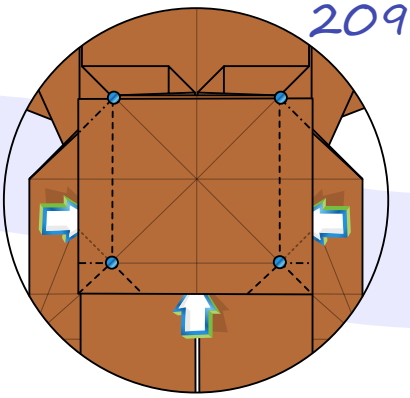

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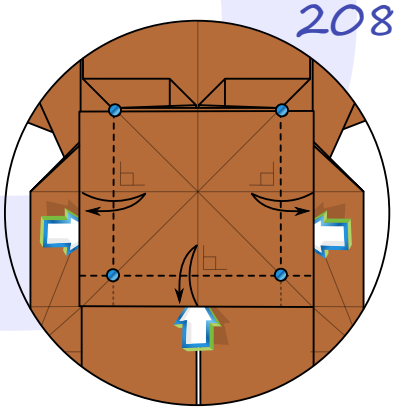

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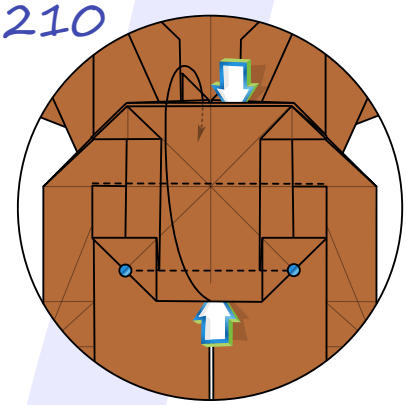

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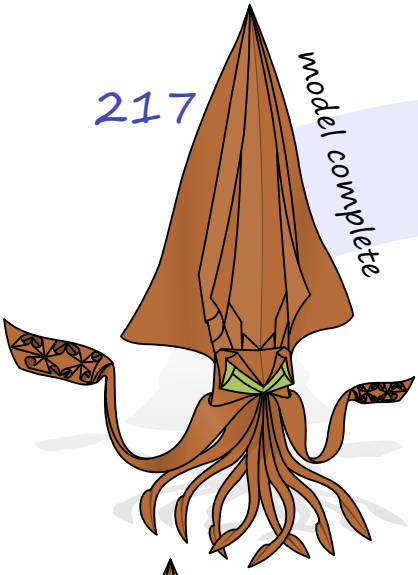

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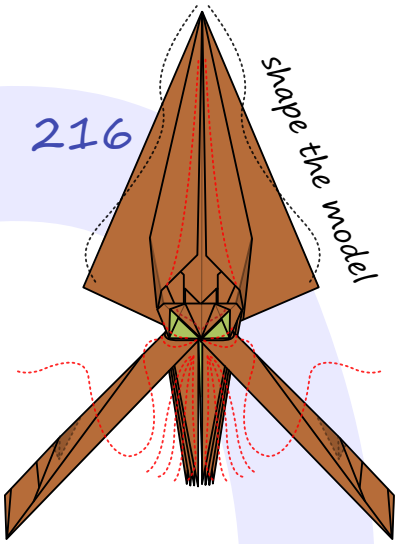

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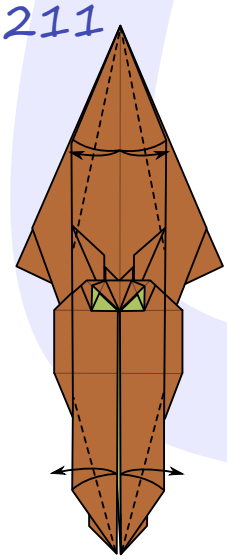

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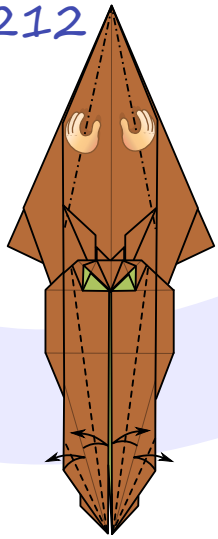

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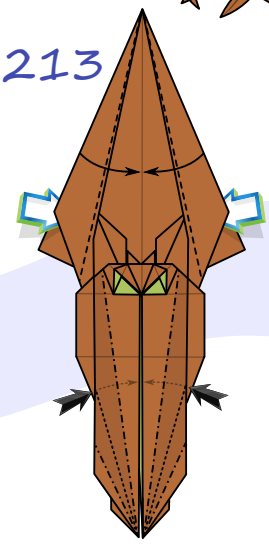

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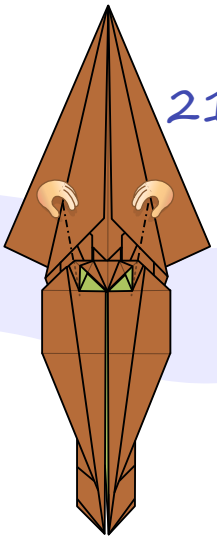

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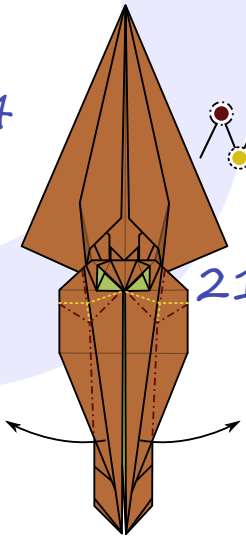
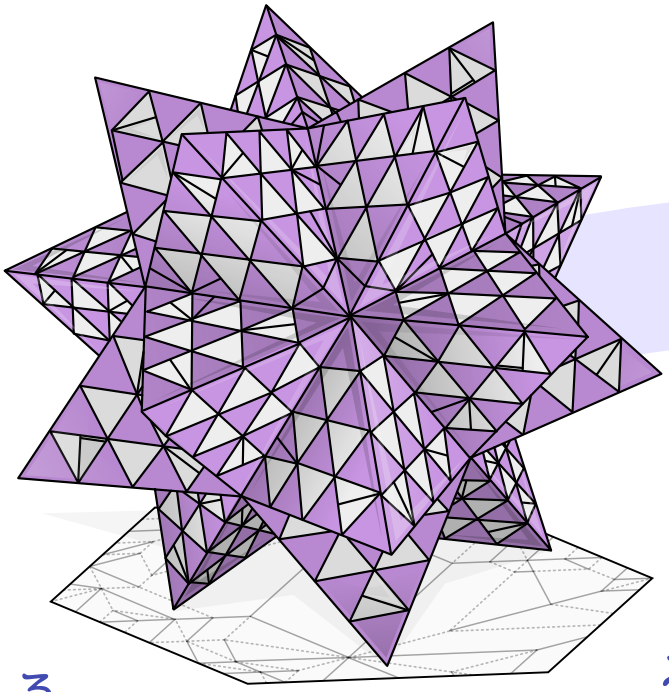


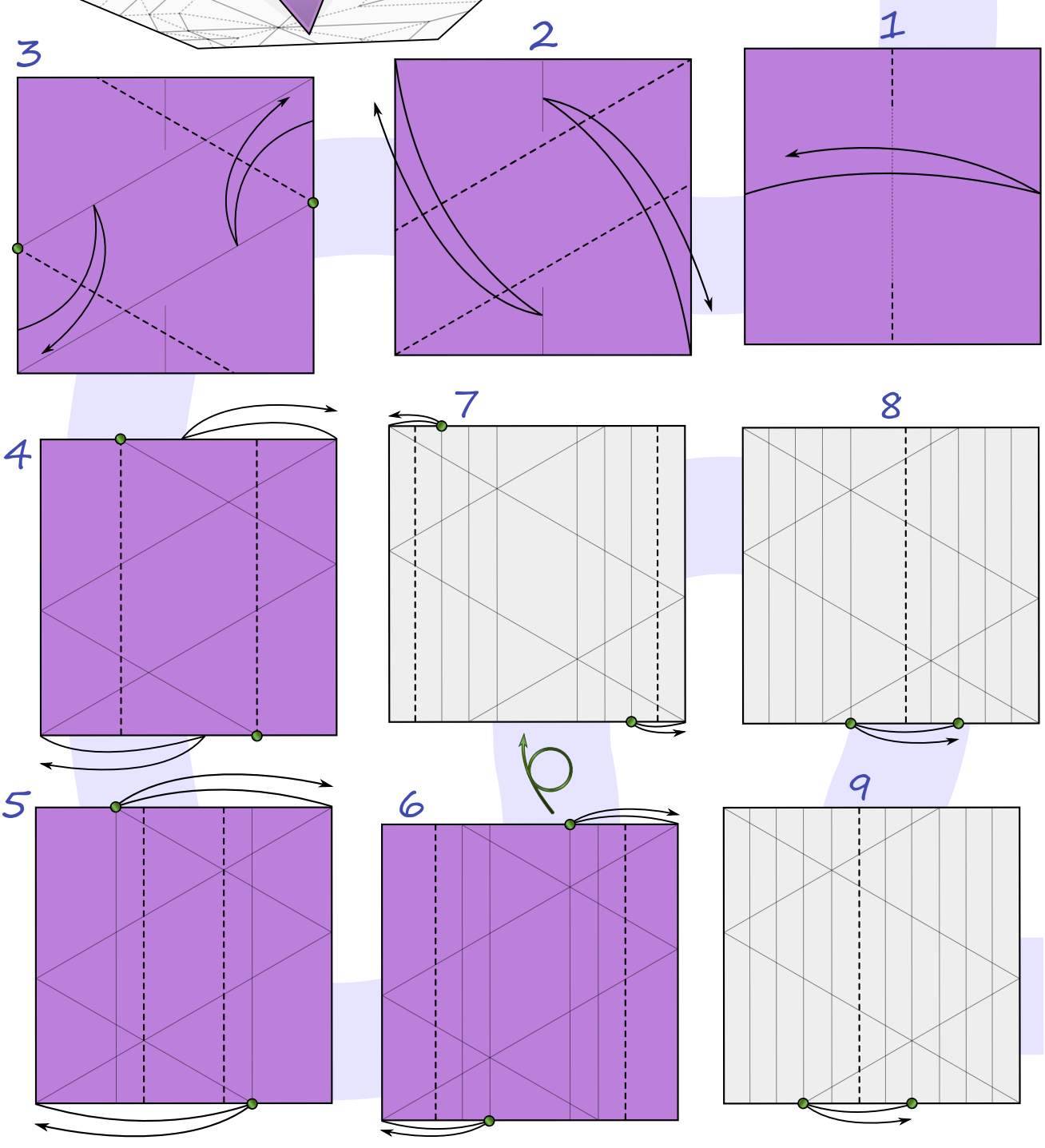


Task №5

Russian Lilac

Andrey Ermakov (Russia)

Difficulty: **********
Paper: 40-50 g/m^2
Paper size: 1-1 m
Number of units: 30
Max score: 20 points



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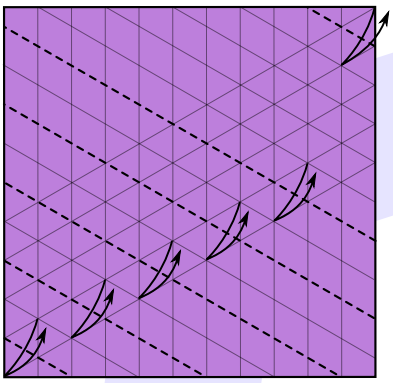

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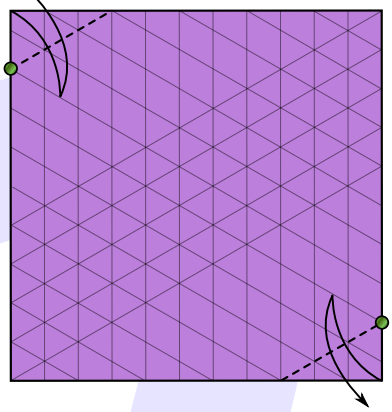

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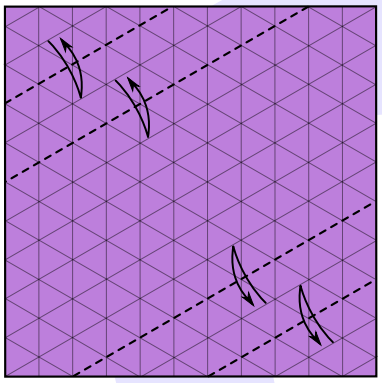

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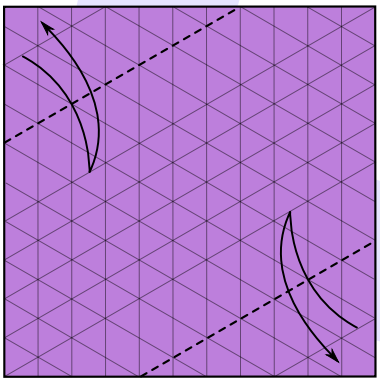

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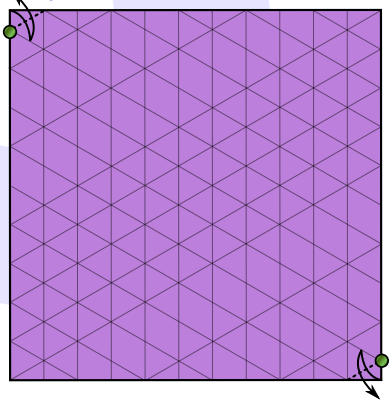

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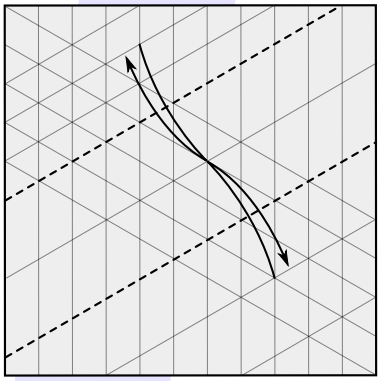

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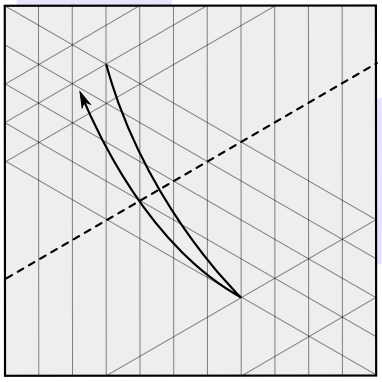

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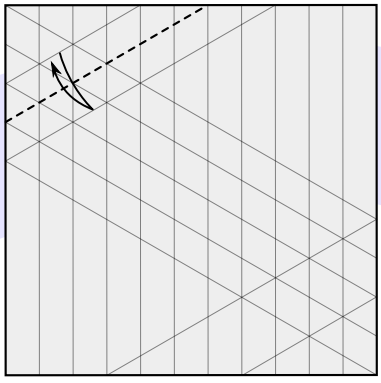

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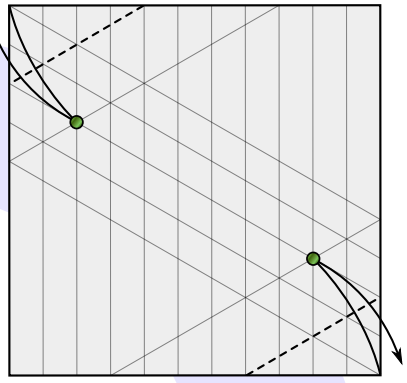

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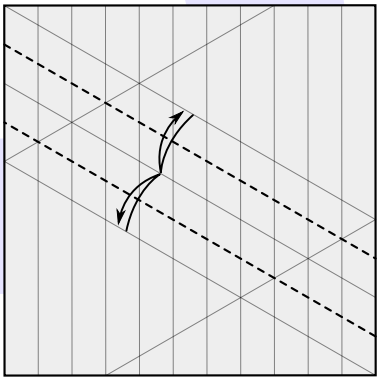

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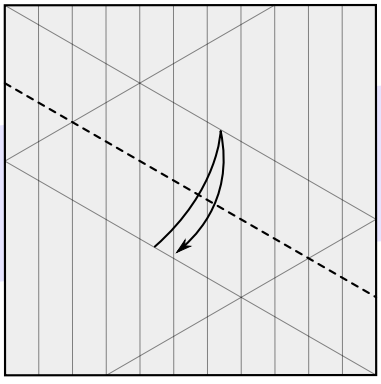

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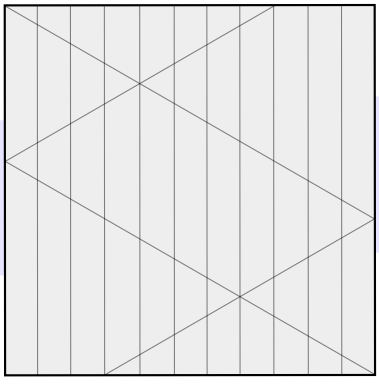

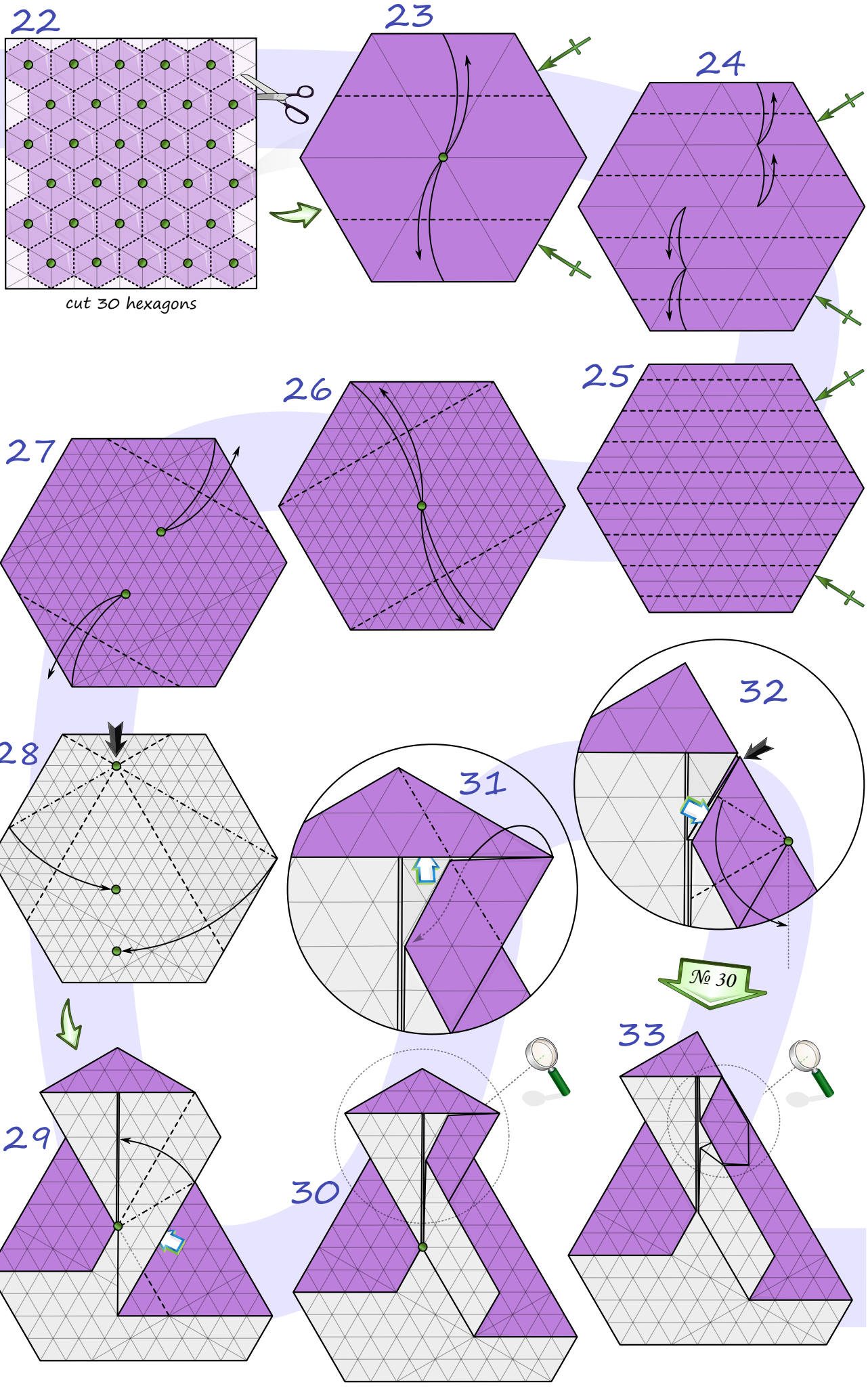
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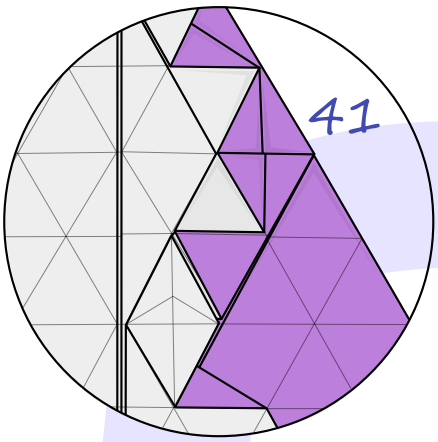
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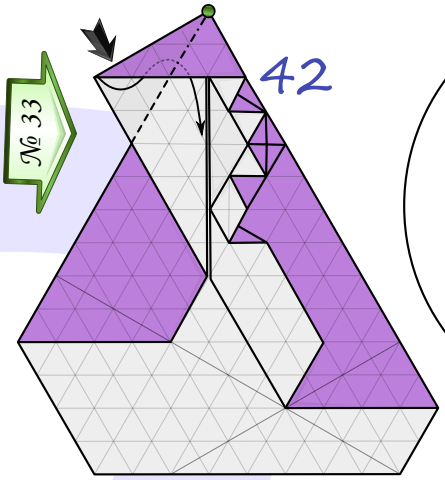
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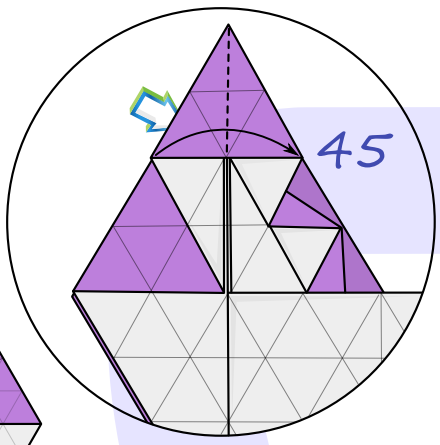
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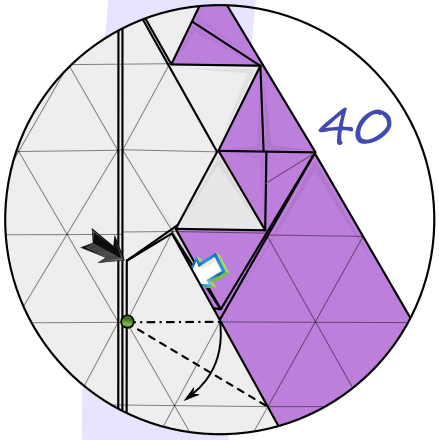
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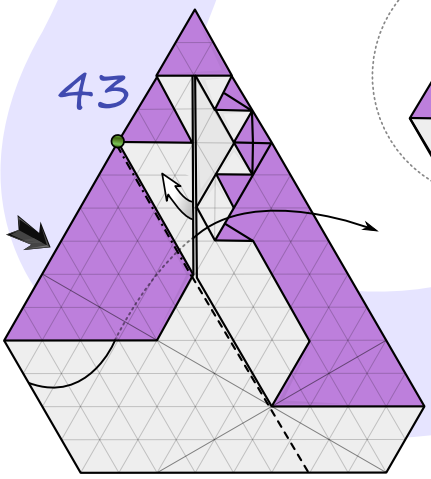
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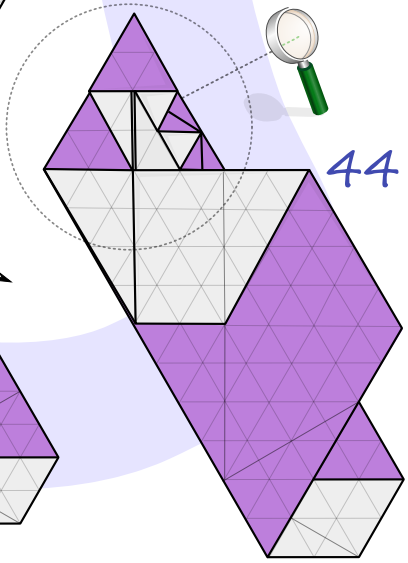
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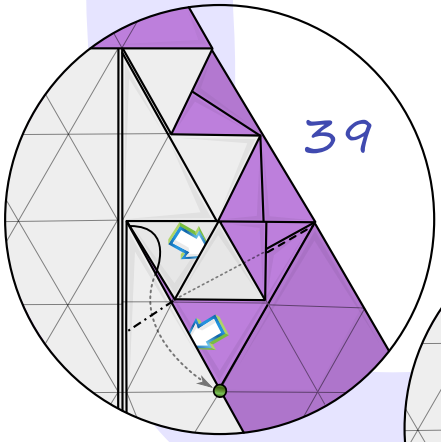
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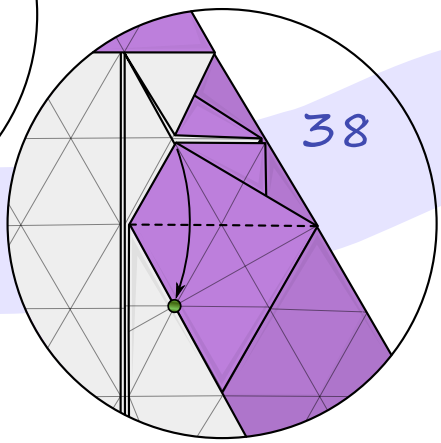
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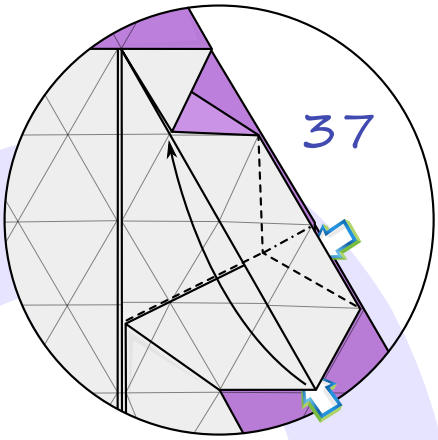
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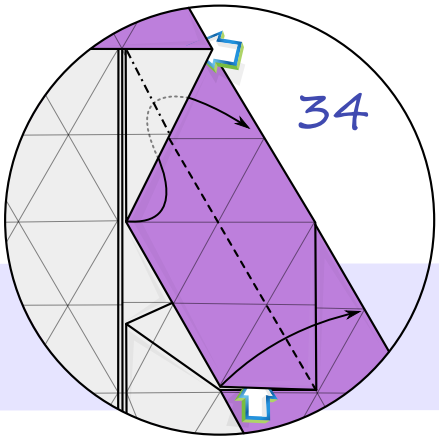
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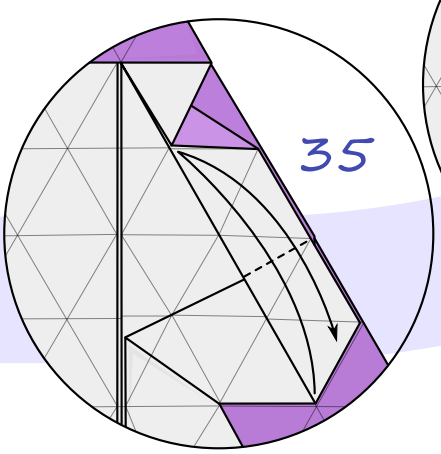
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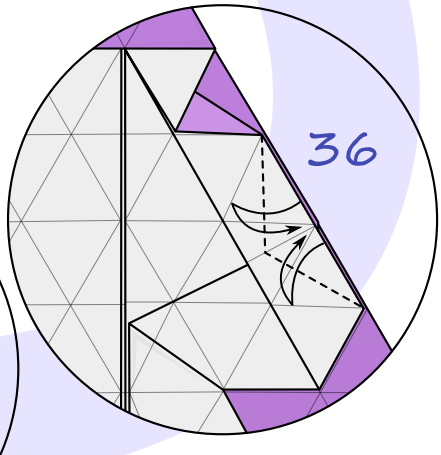
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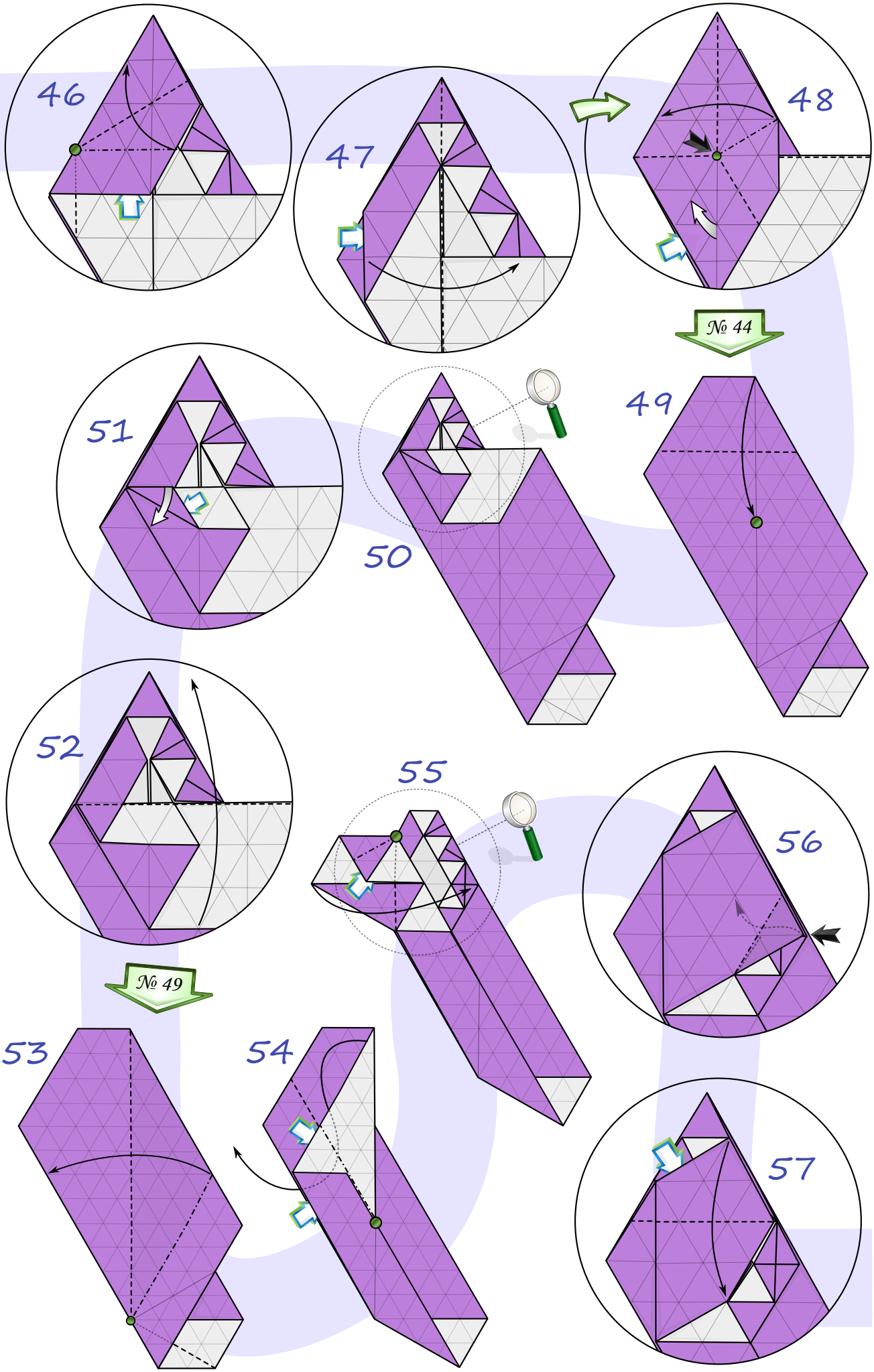
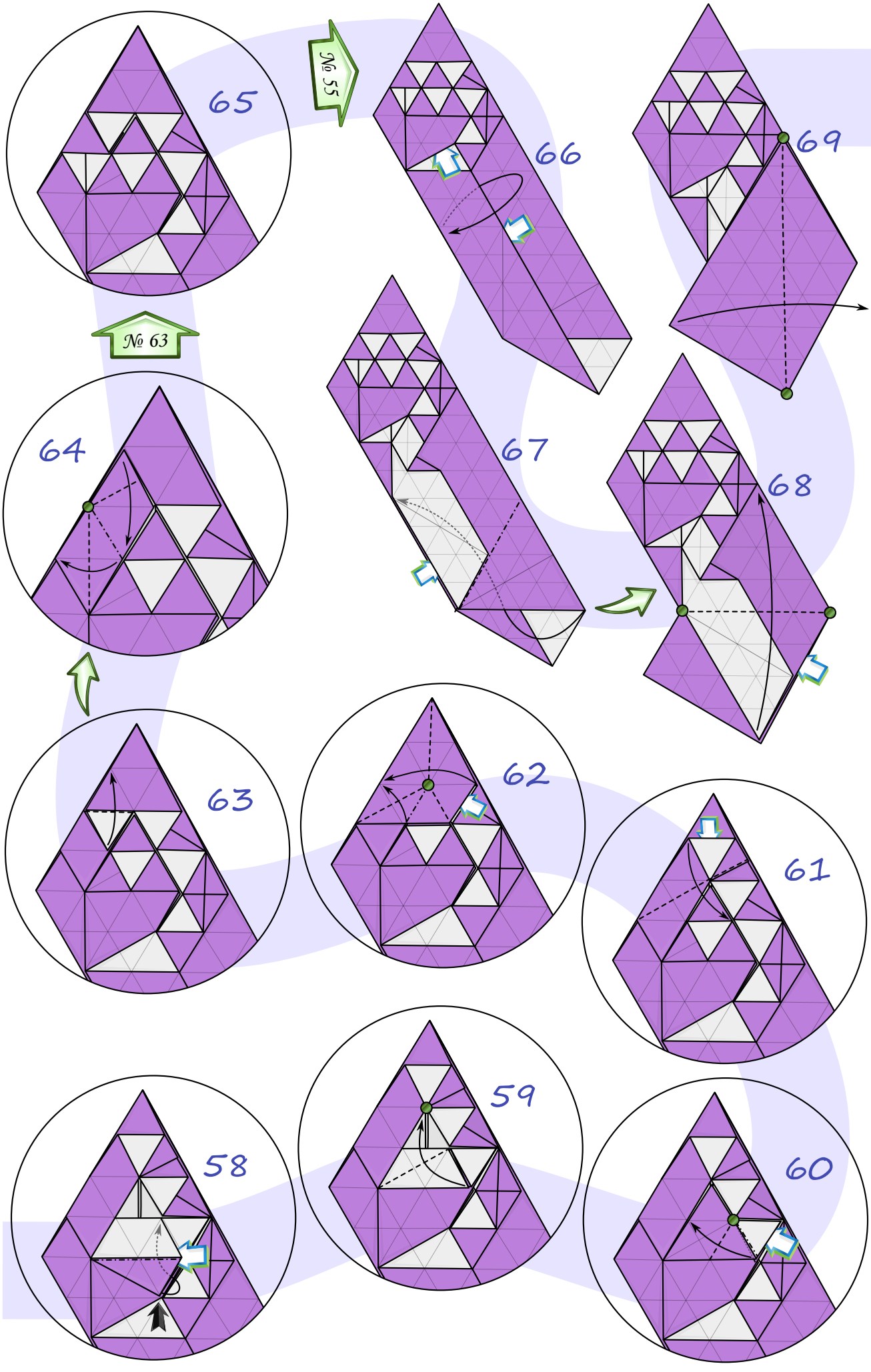

46
47
48
№ 44
51
50
49
52
55
56
№ 49
53
54
57


65
№ 55
66
69
№ 63
64
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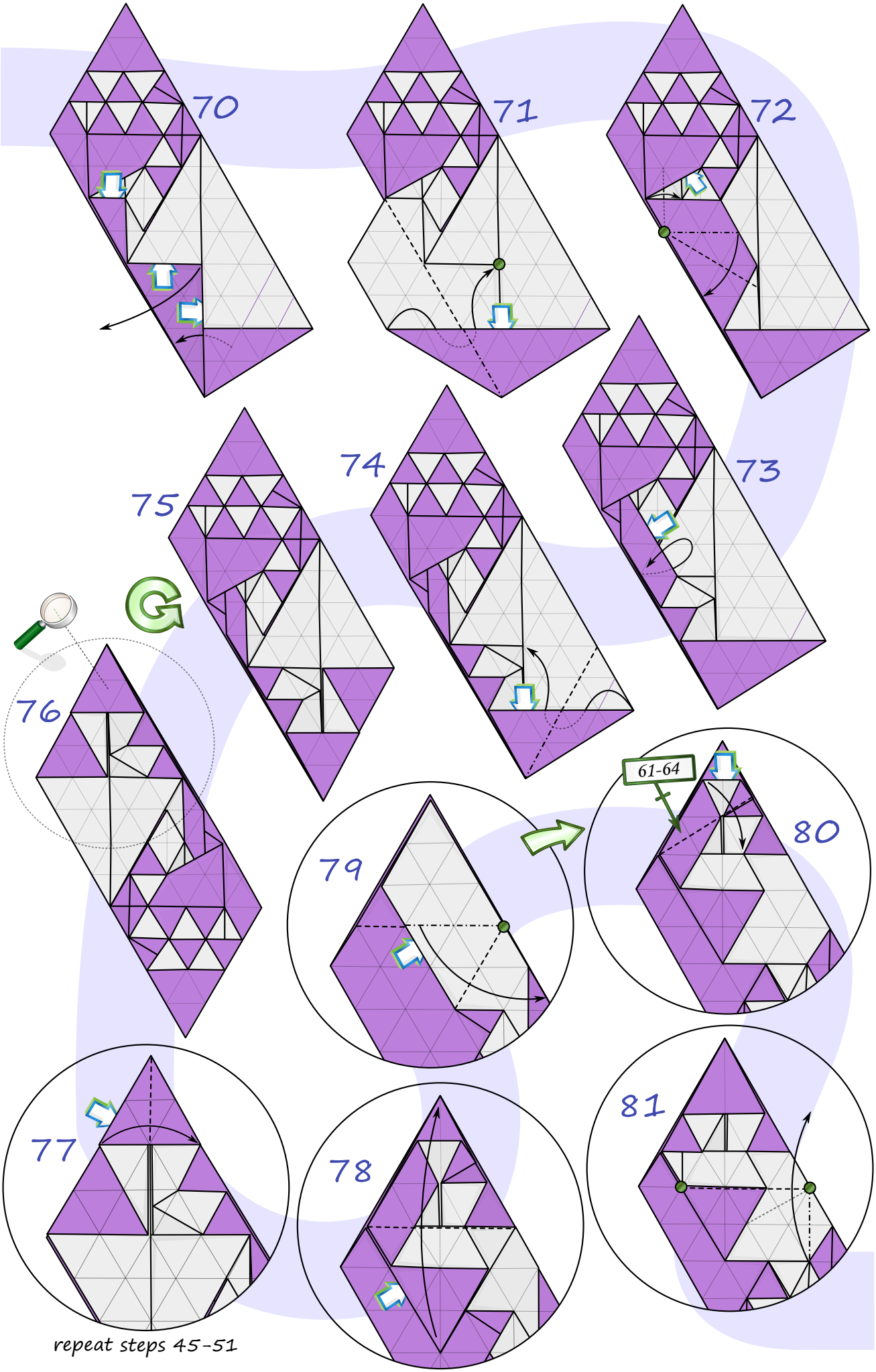
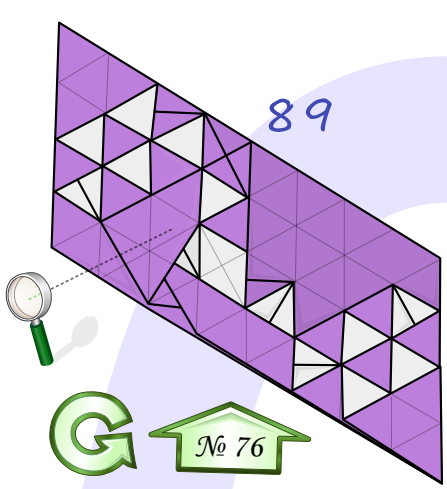
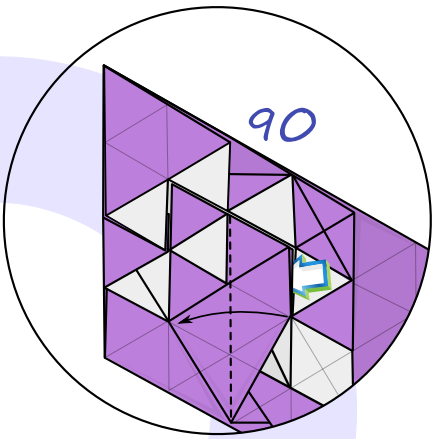
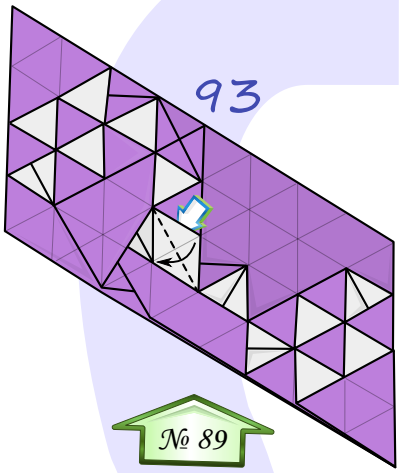
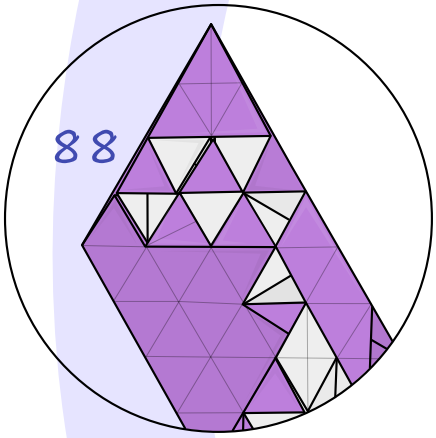
62
61
58
59
60

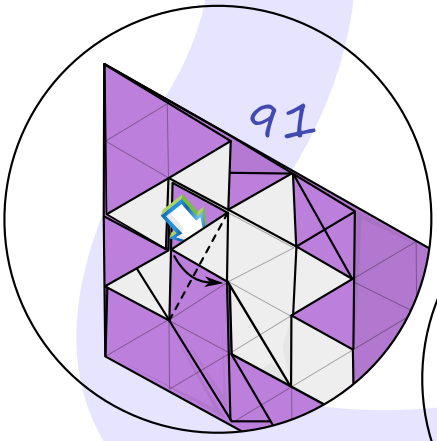

70
71
72
73
74
75
G
76
79
61-64
80
77
78
81
repeat steps 45-51



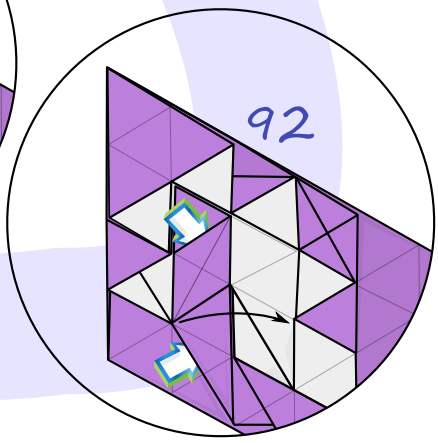


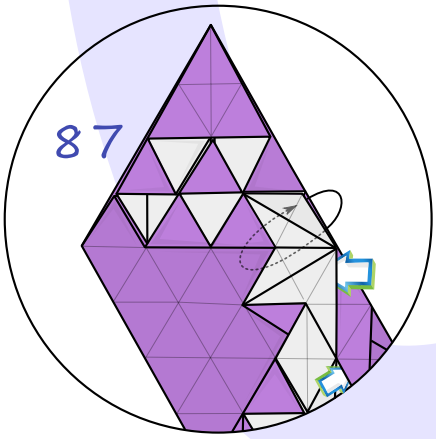




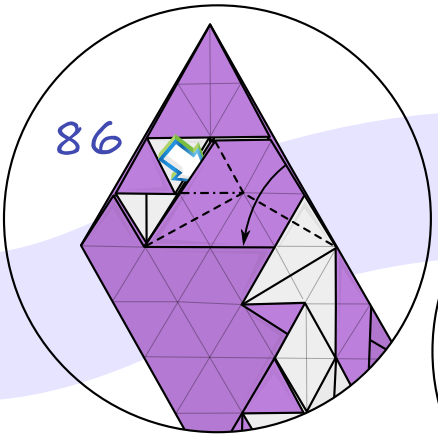


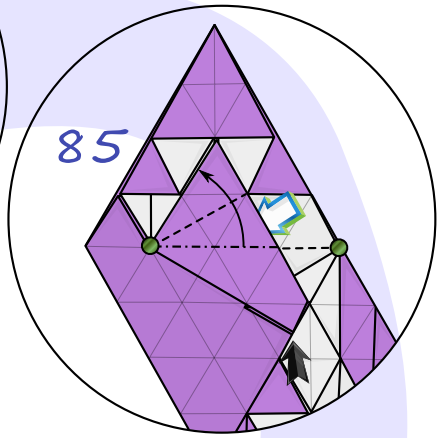
fold only the upper layer

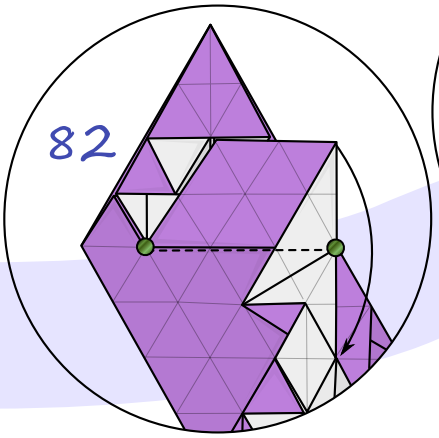


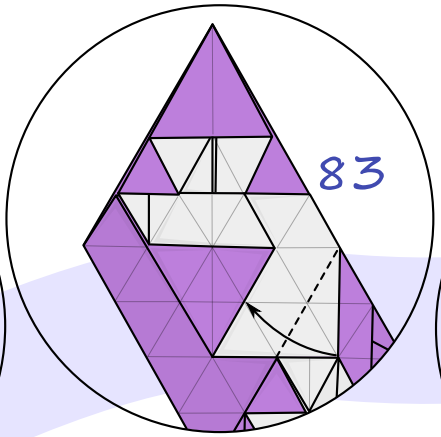


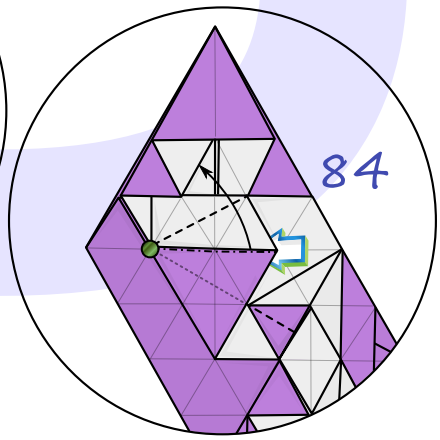
tuck the corner into
the closest pocket

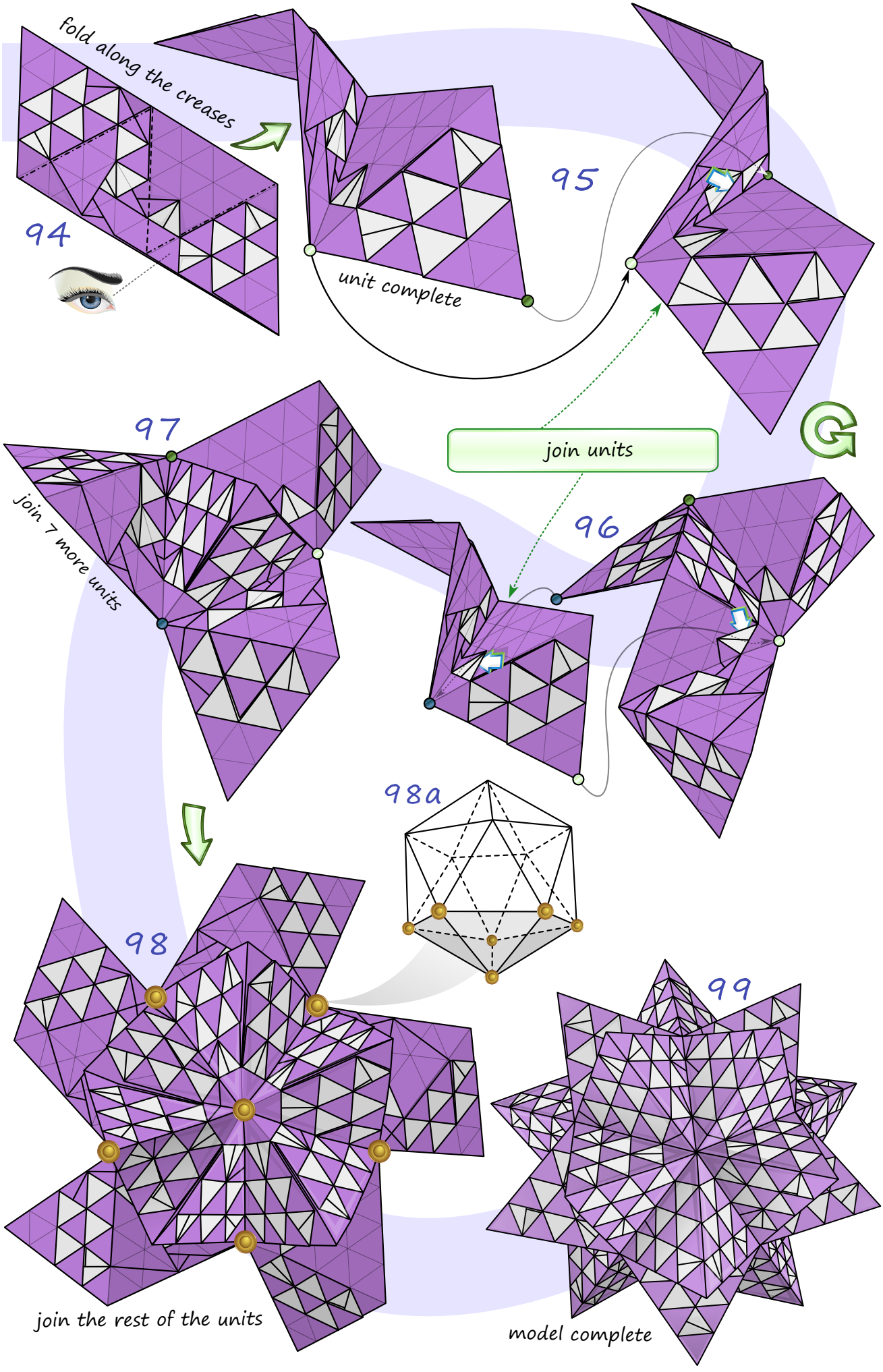




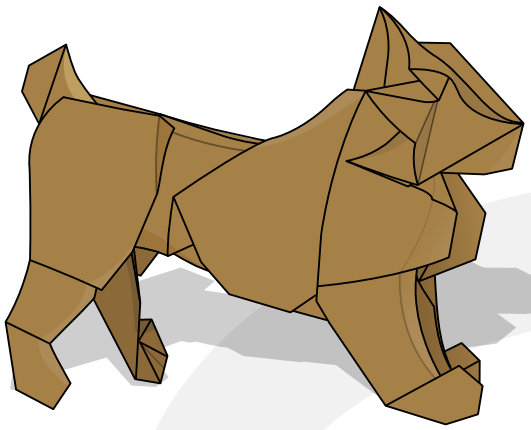







fold along the creases
94
unit complete
95
97
join 7 more units
join units
96
G
98a
98
99
join the rest of the units
model complete

Task №6



Lynx v.1.0

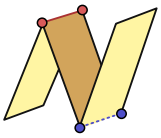
Anhelina Patsevich (Belarus)

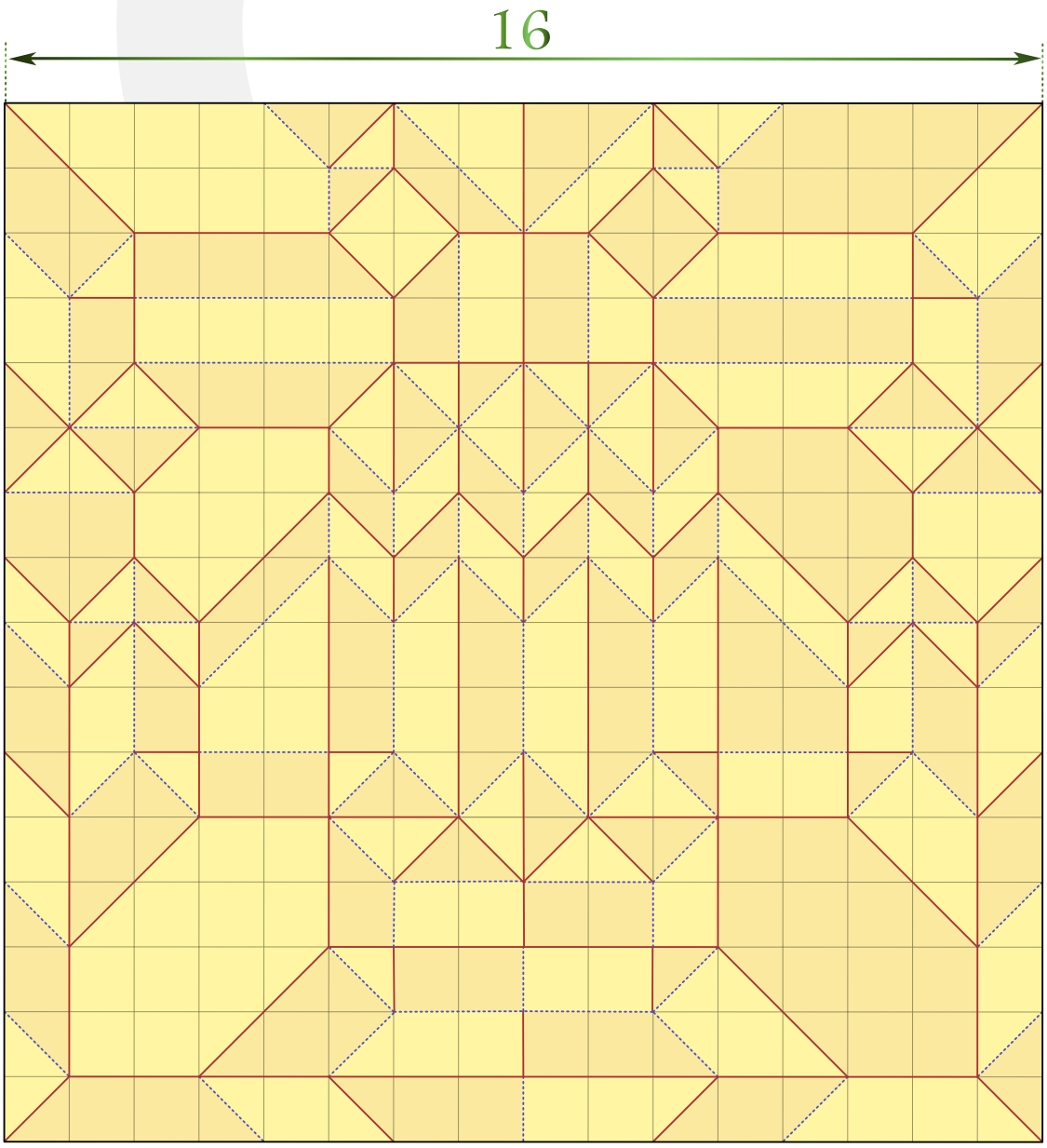
Difficulty: *****_____

Paper: 40-50 g/m^2

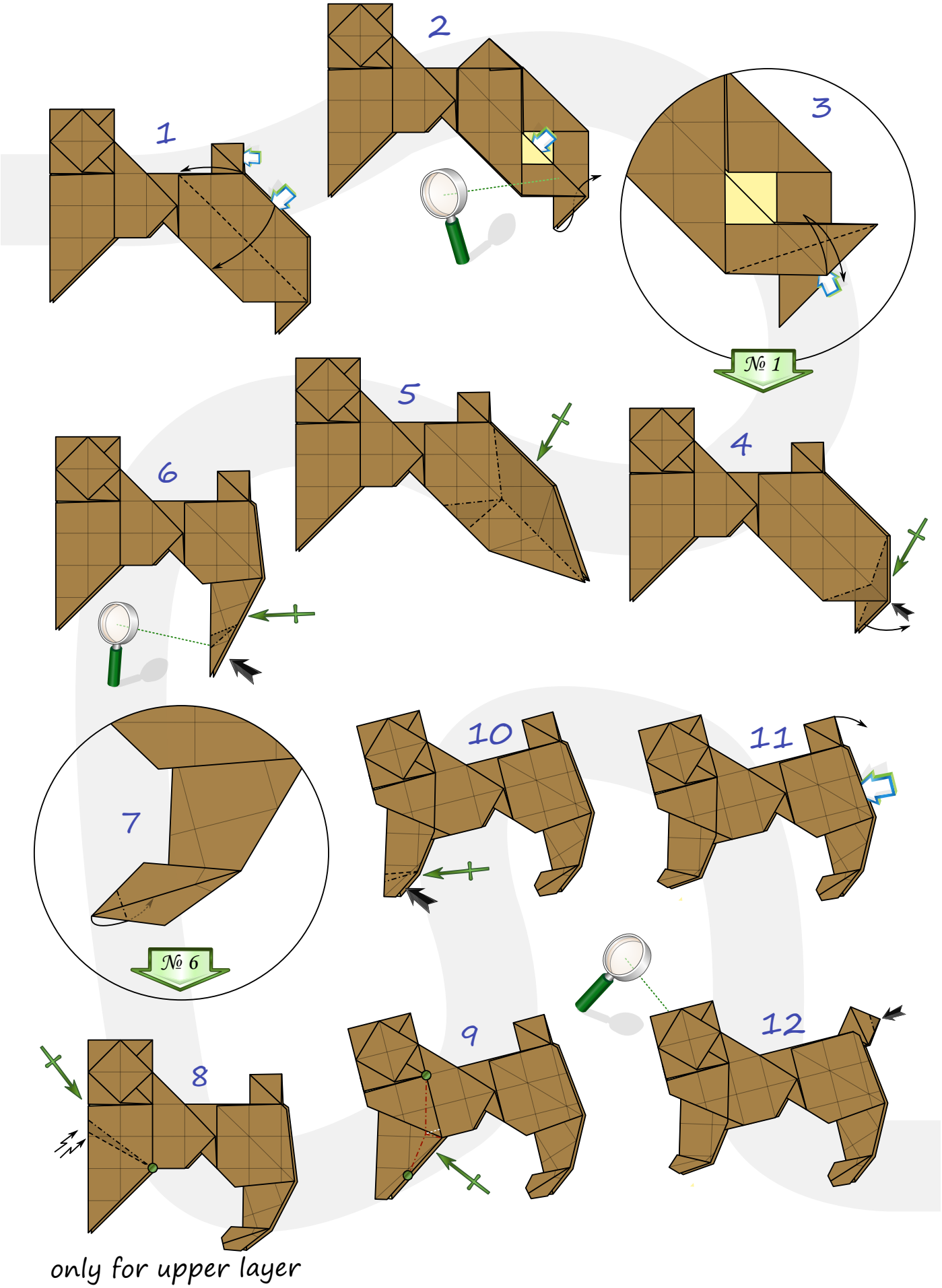
Size: 32-32 cm

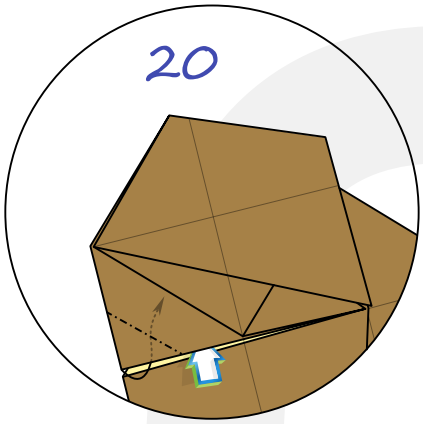
Max score: 5 points

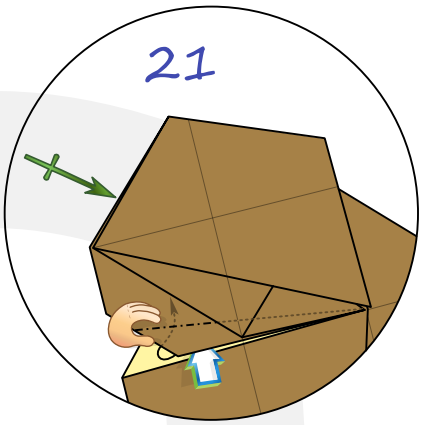


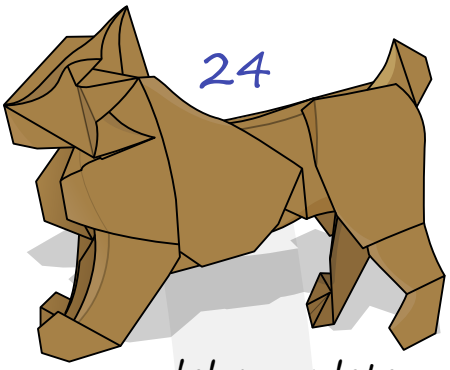


Crease Pattern

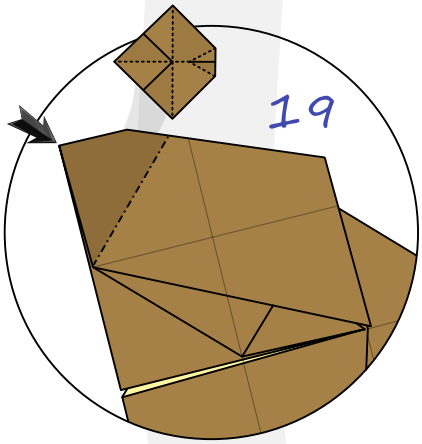

1
2
3
№ 1
4
5
6
7
№ 6
8
9
10
11
12
only for upper layer

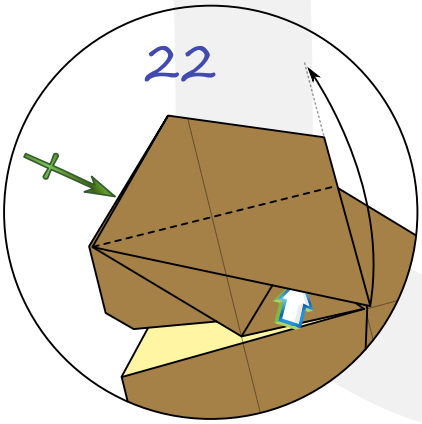


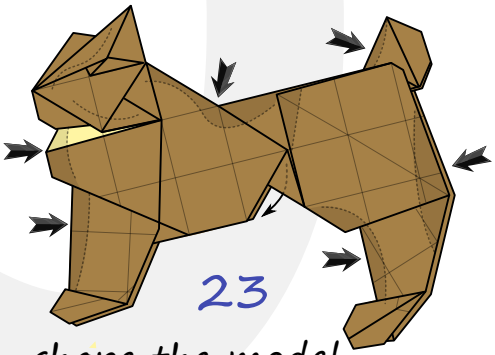




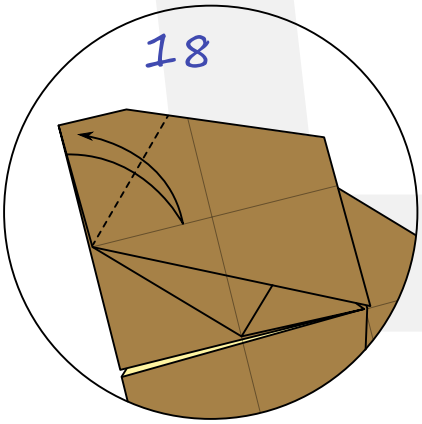
model complete

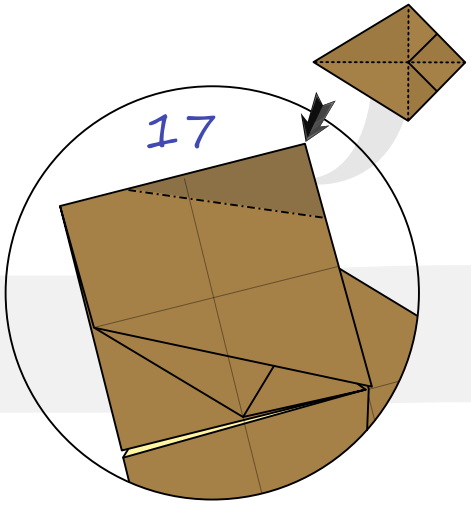


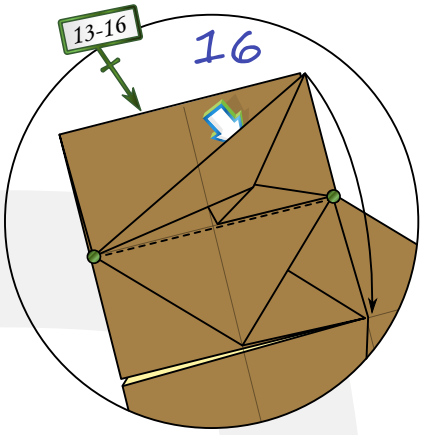


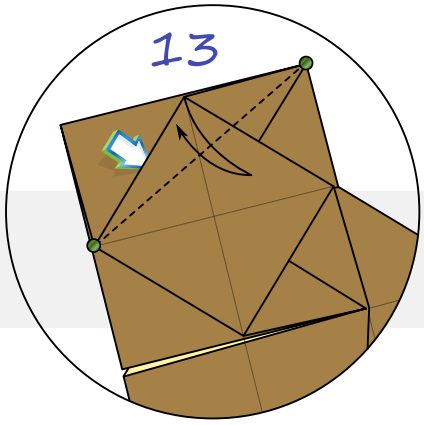


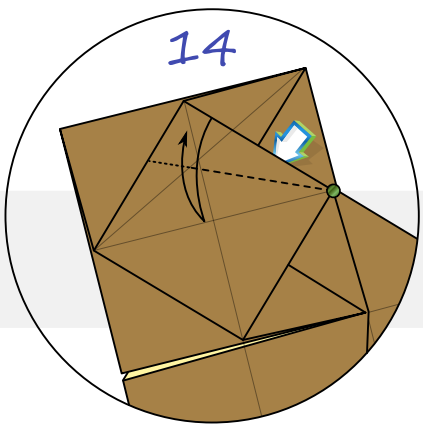
shape the model

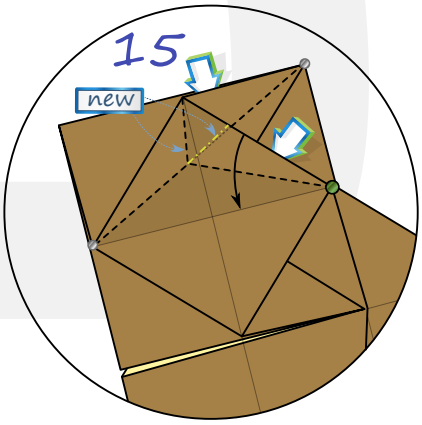










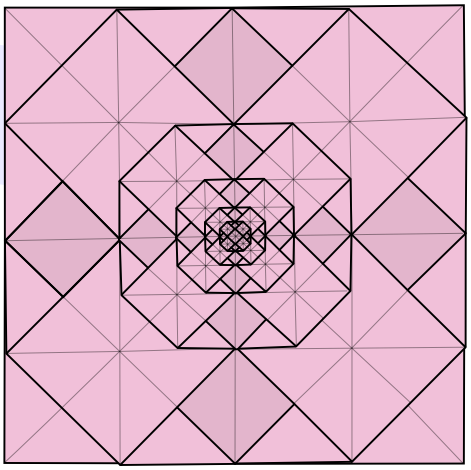


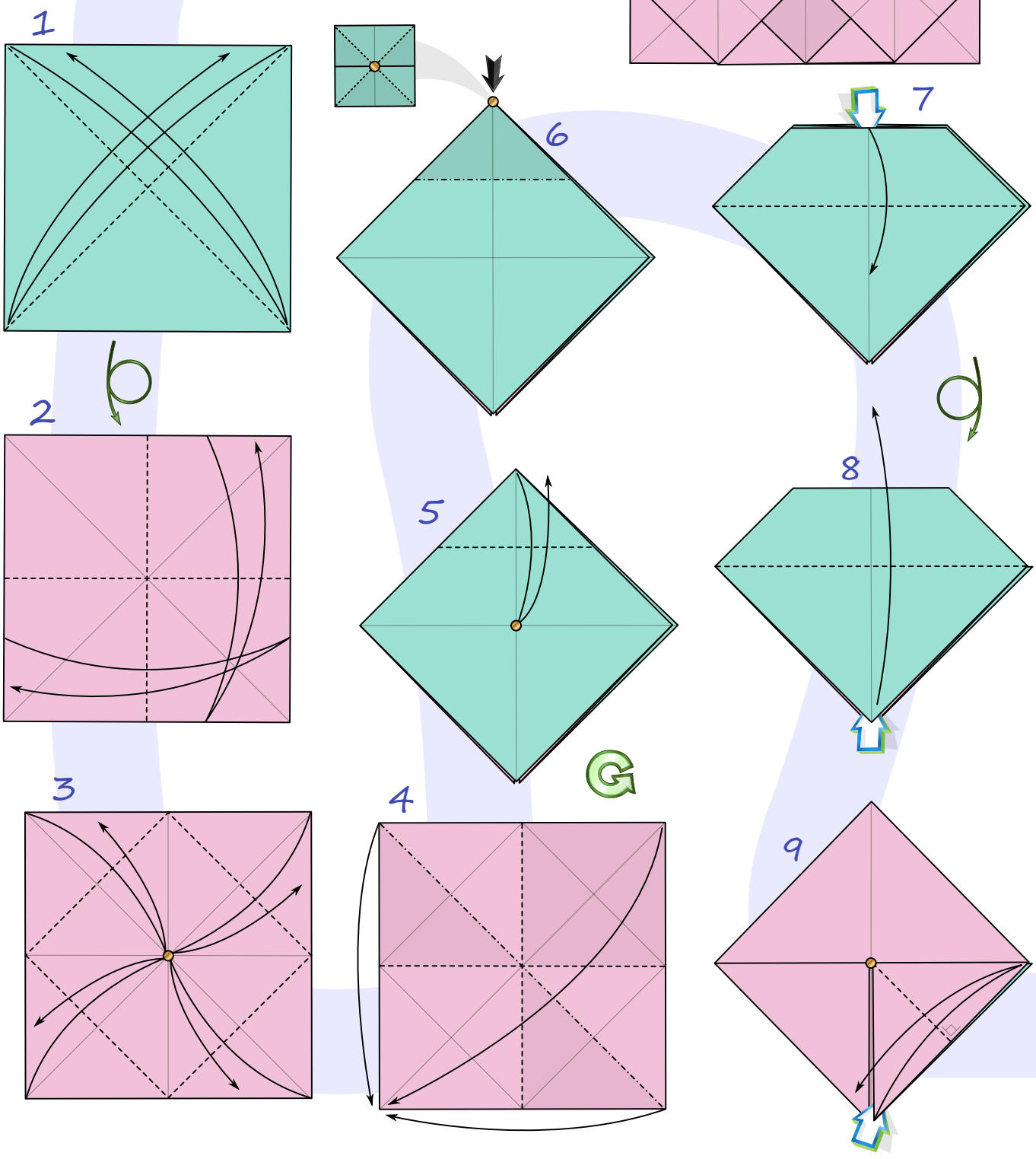
Kaleidoscope Recursion

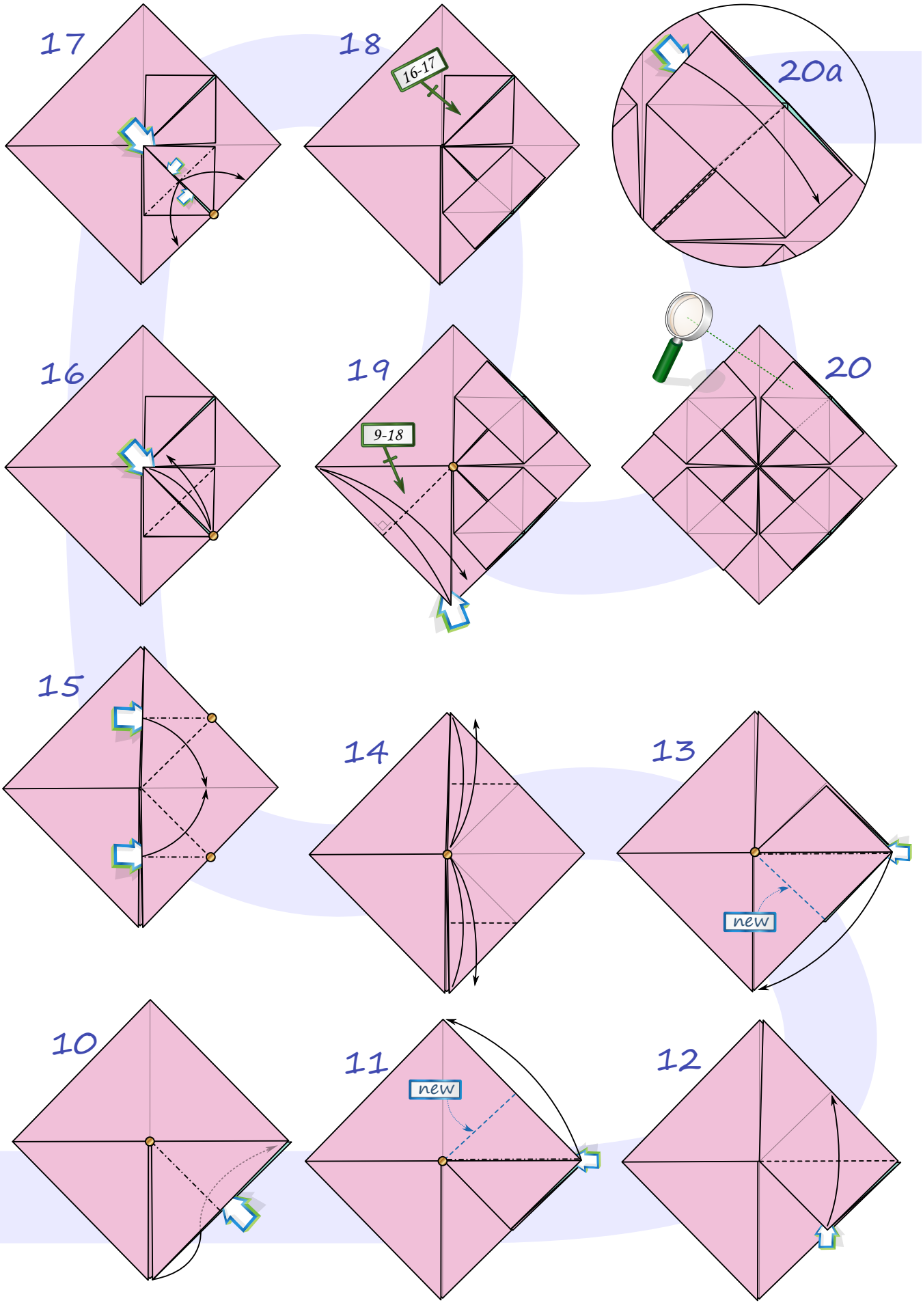
Edward Mistretta (USA)

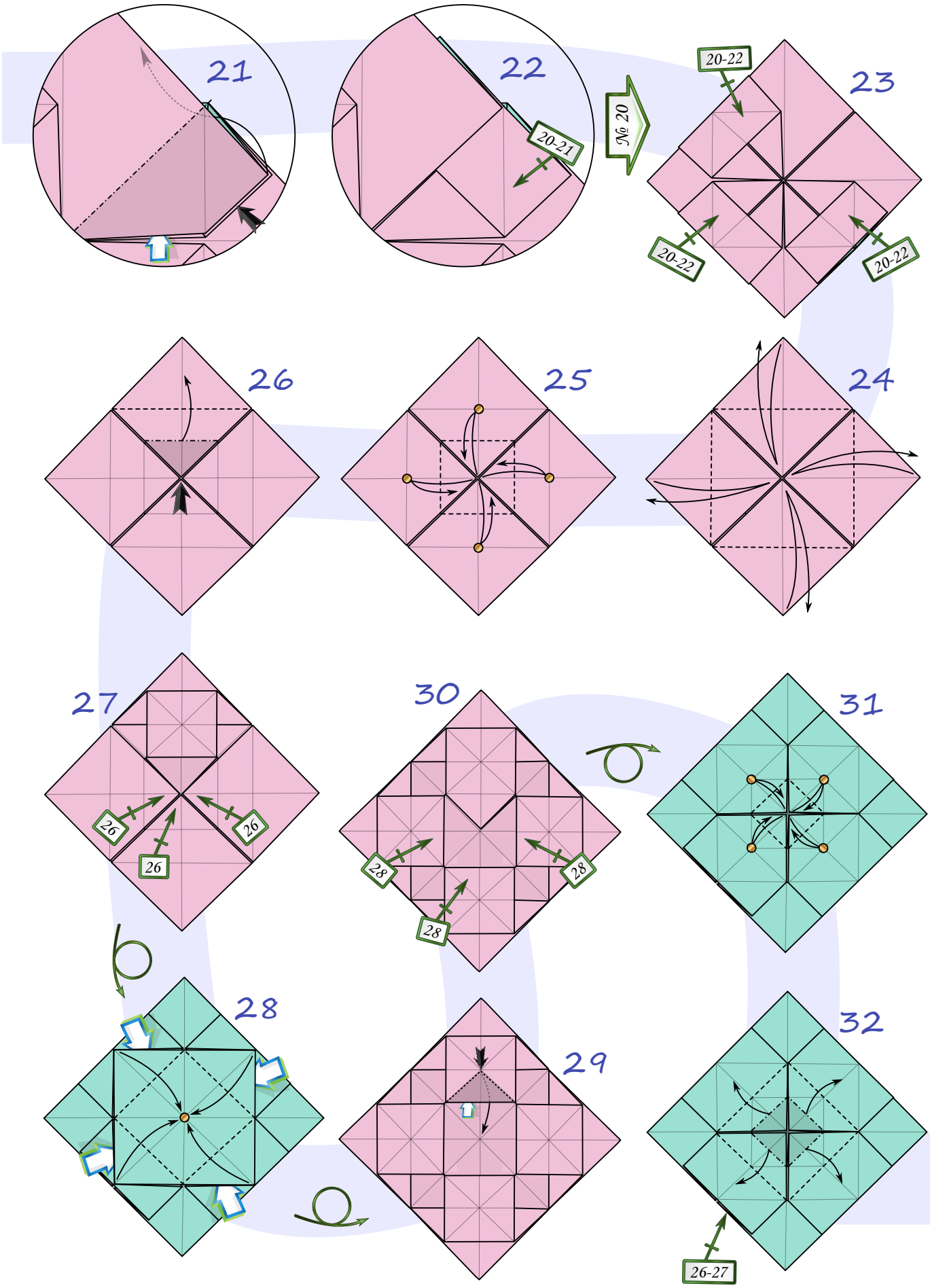
Difficulty: *****_____
Paper: 50-60 g/m²
Paper size: 30-30 cm
Max score: 5 points

Task №7






17
18
16-17
20a
16
19
9-18
20
15
14
13
new
10
11
new
12


21
22
20-21
№ 20
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20-22
20-22
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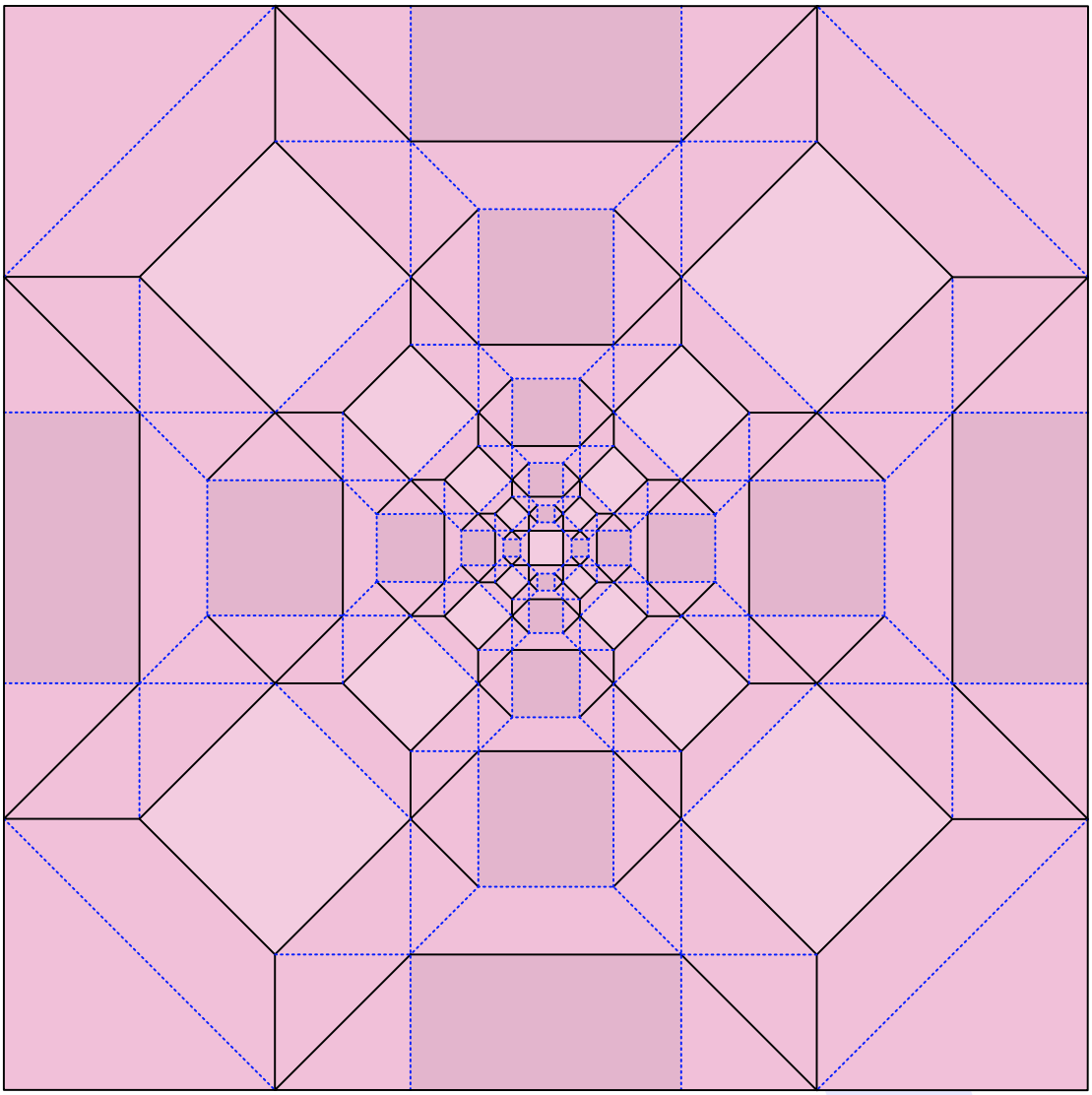
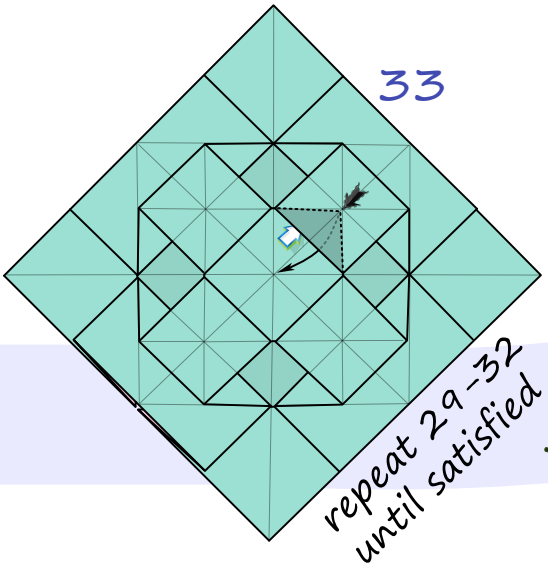
31
28
29
32
26-27

34a crease pattern

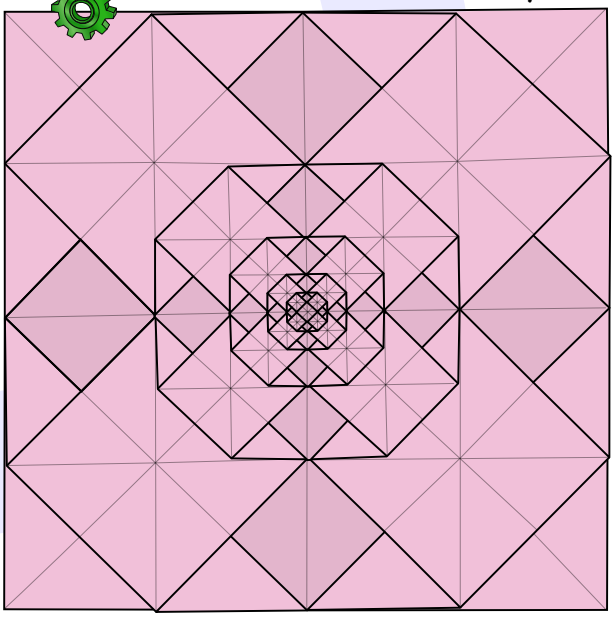




33

repeat 29-32 until satisfied

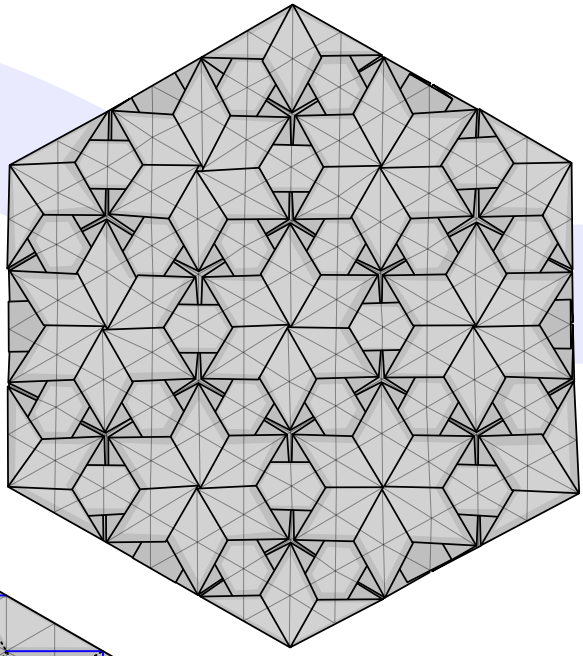
34 model complete

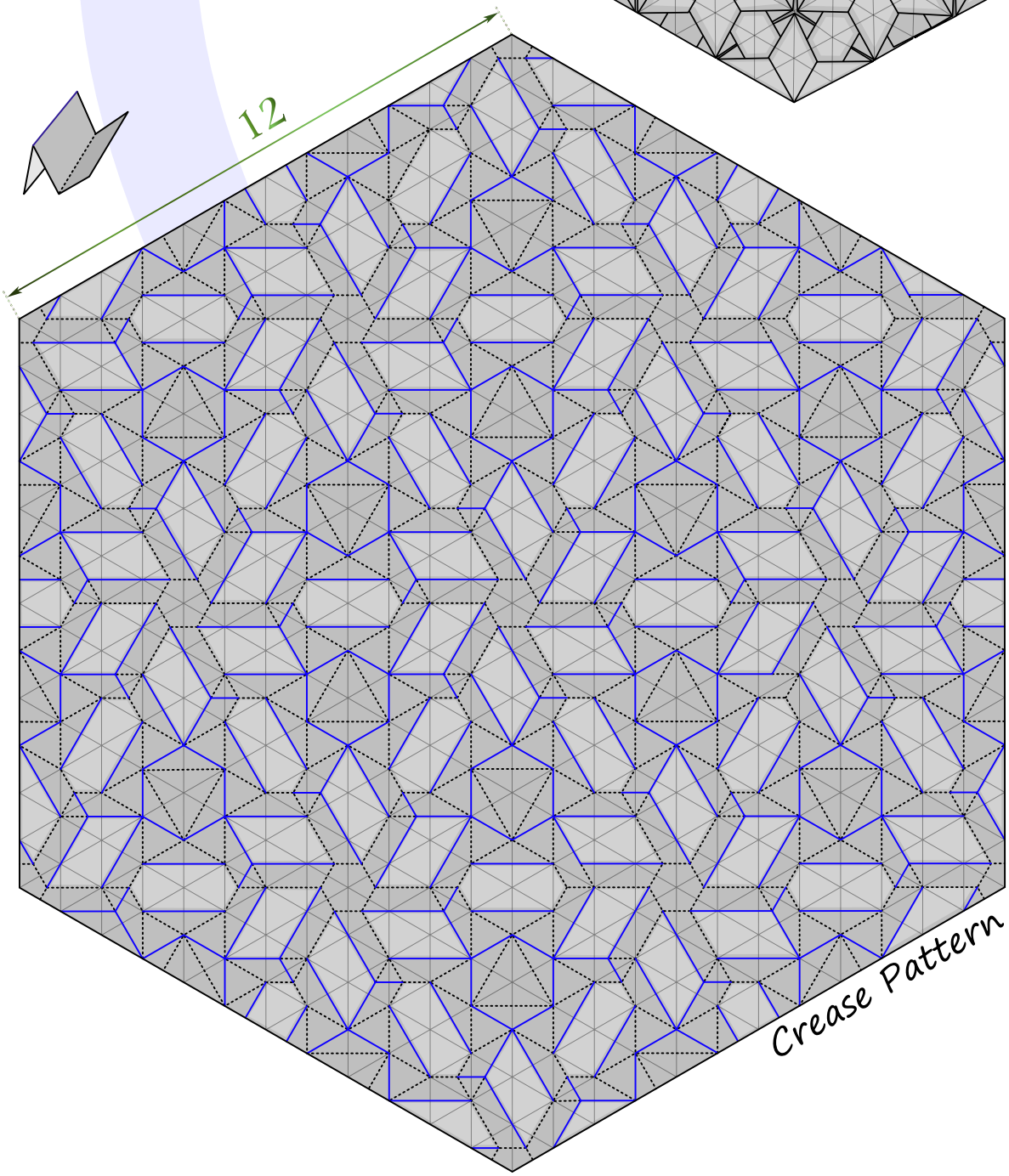


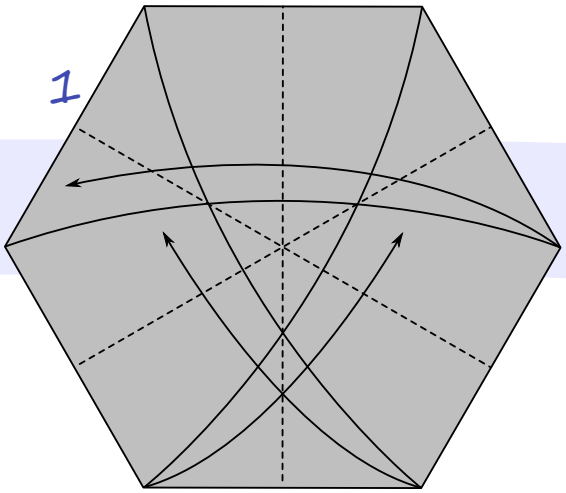
It Is Wednesday

Arseni Kazhamiakin (Belarus)

Difficulty: ******* ___
Paper: 50-60 g/m²
Hexagon size: 20 cm
Final size: 10 cm
Max score: 7 points



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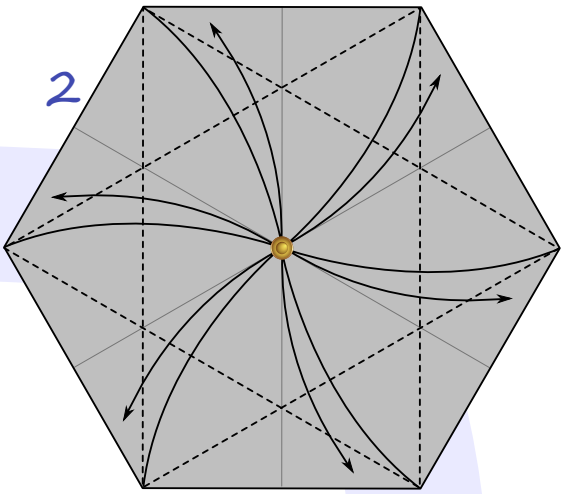
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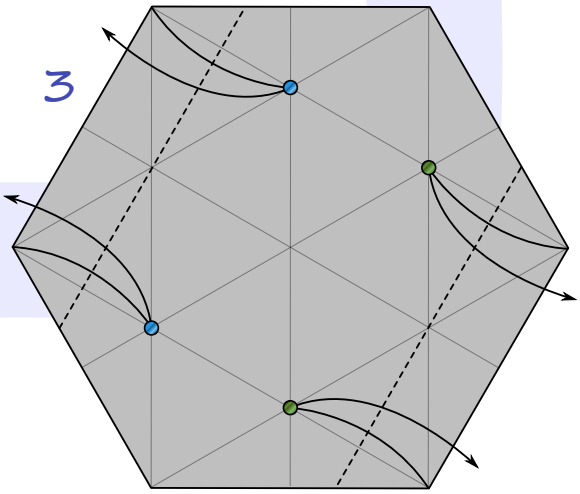
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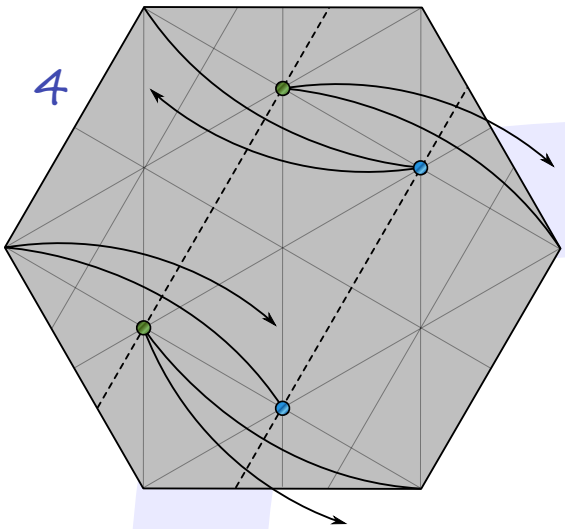
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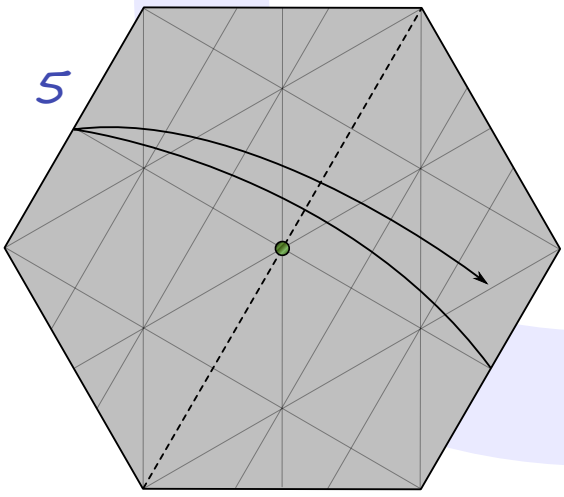
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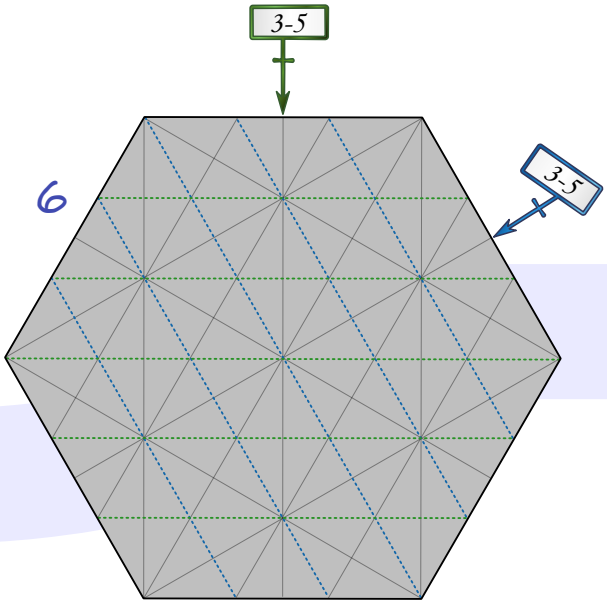
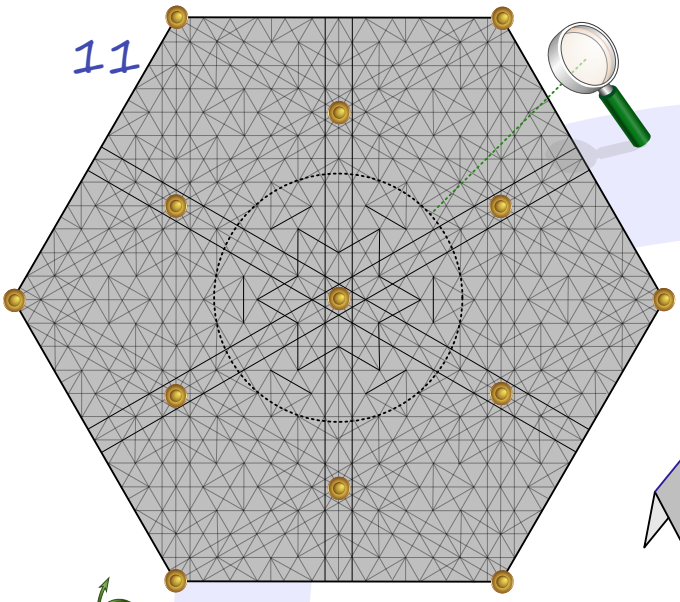

6
3-5
3-5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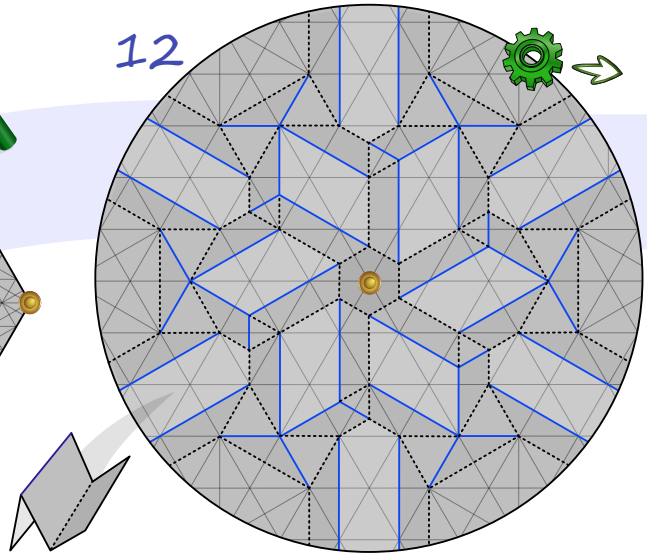
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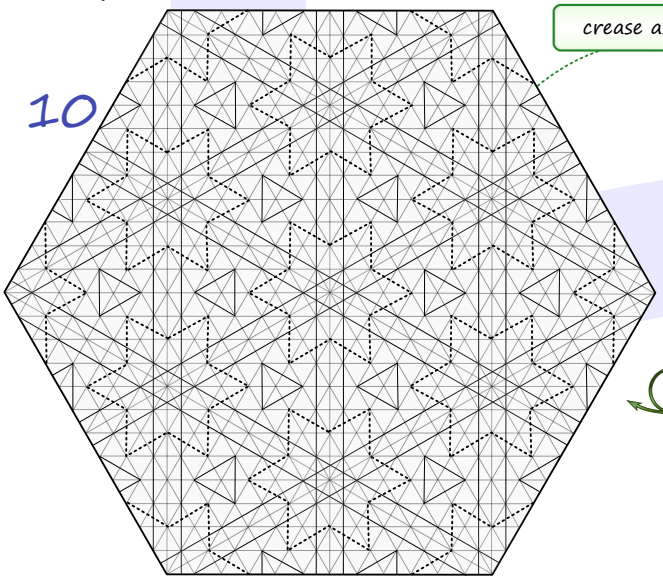
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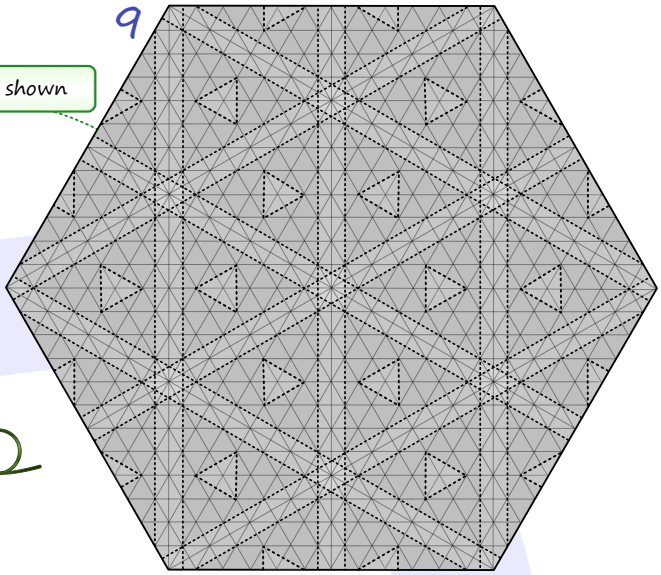
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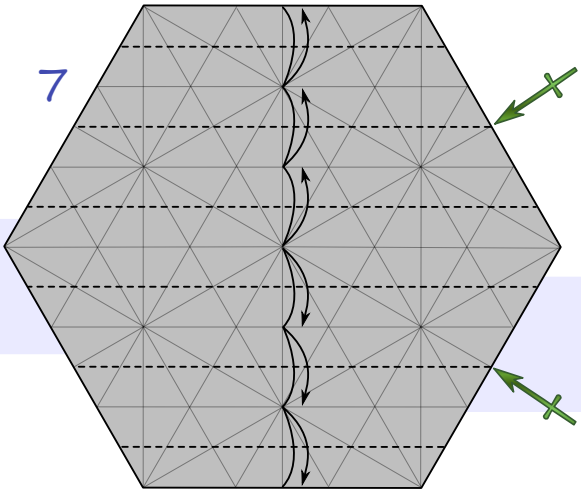
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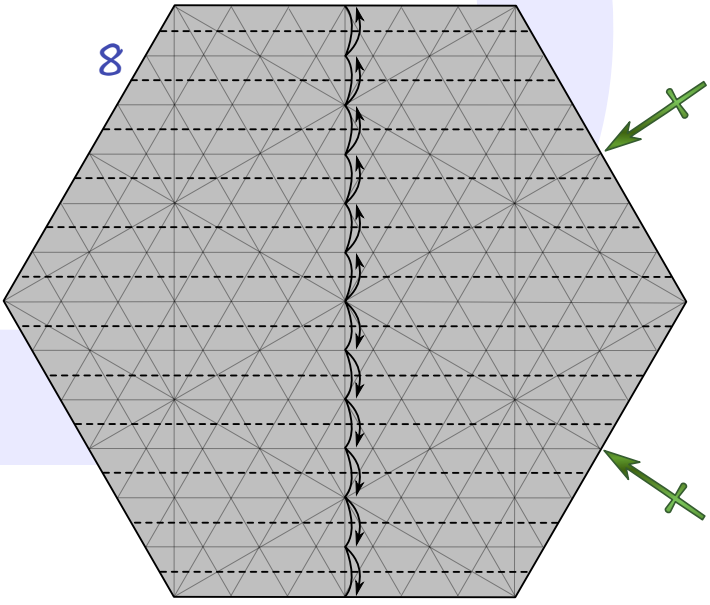
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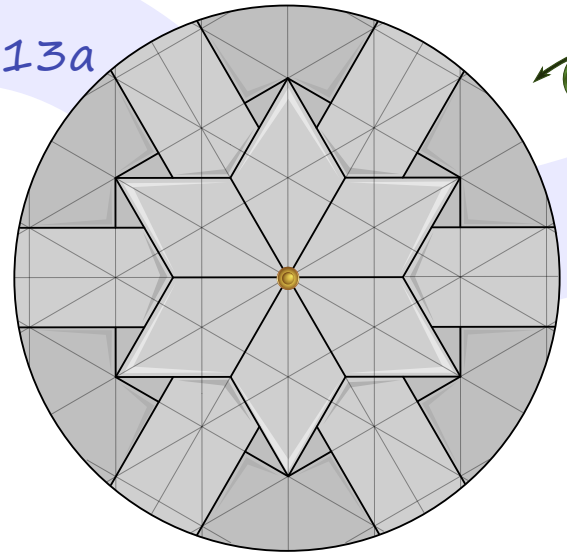

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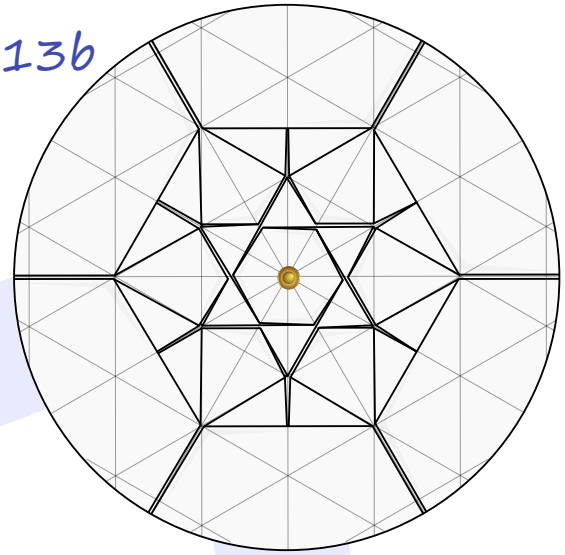

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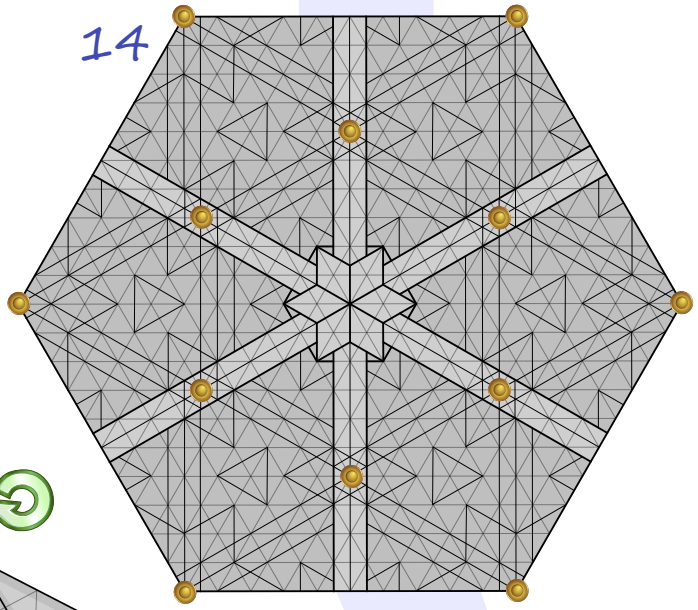

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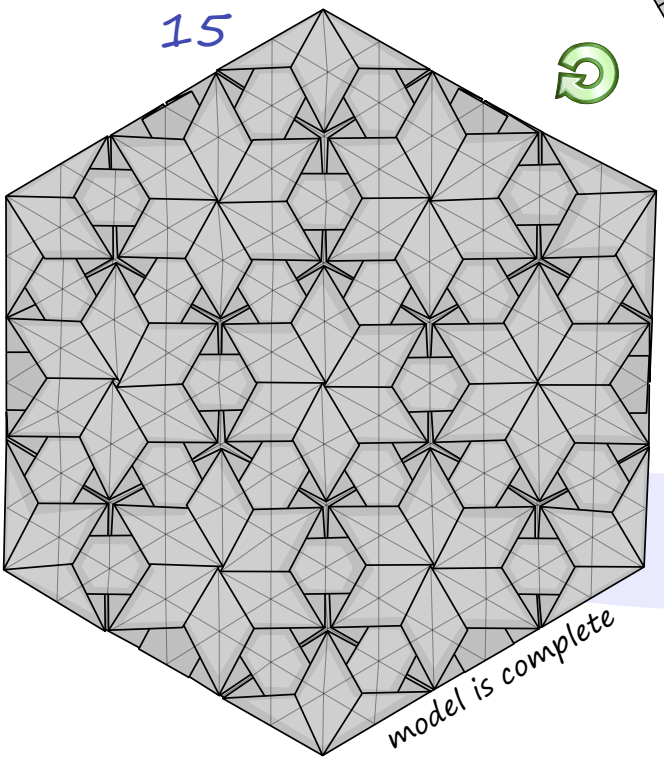


model is complete

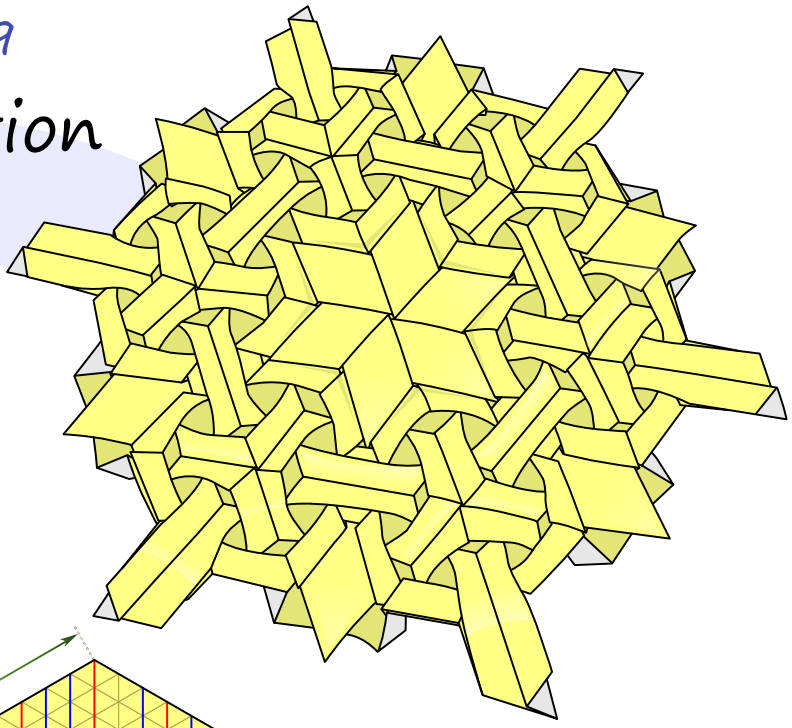
repeat steps 11-13 on all the marked elements of the model

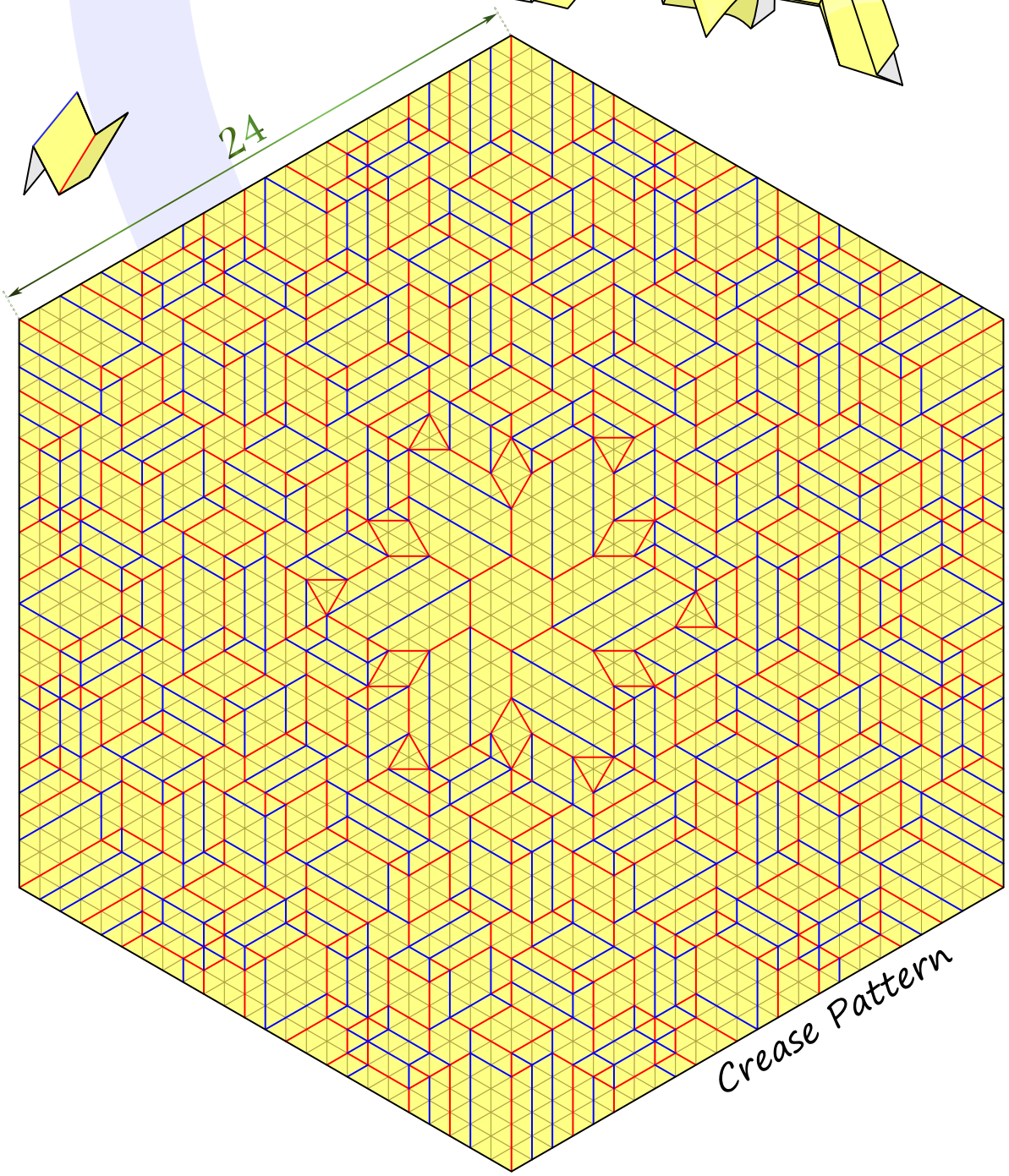
Task №9

Sisyphus Tessellation

Peter Keller (Germany)

Difficulty: **********
Paper: 50-60 g/m²
Hexagon size: 20 cm
Final size: ~9 cm
Max score: 12 points





Task №10

Hyppocampus

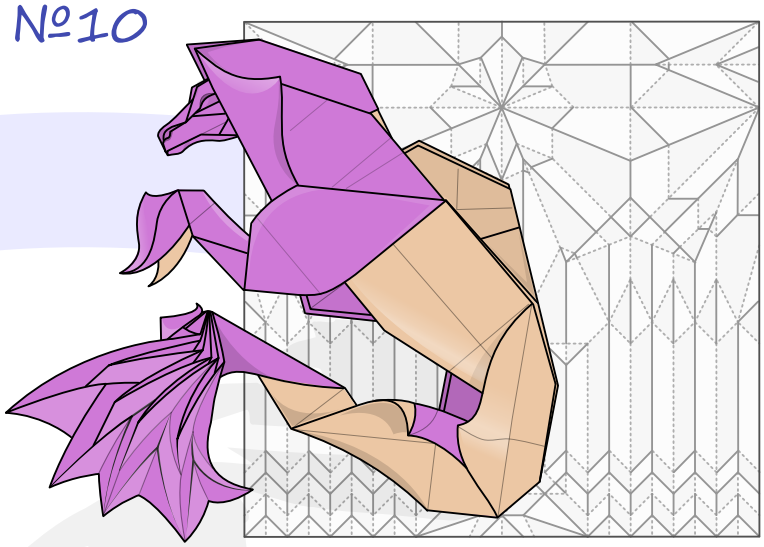
Andrey Ermakov (Russia)

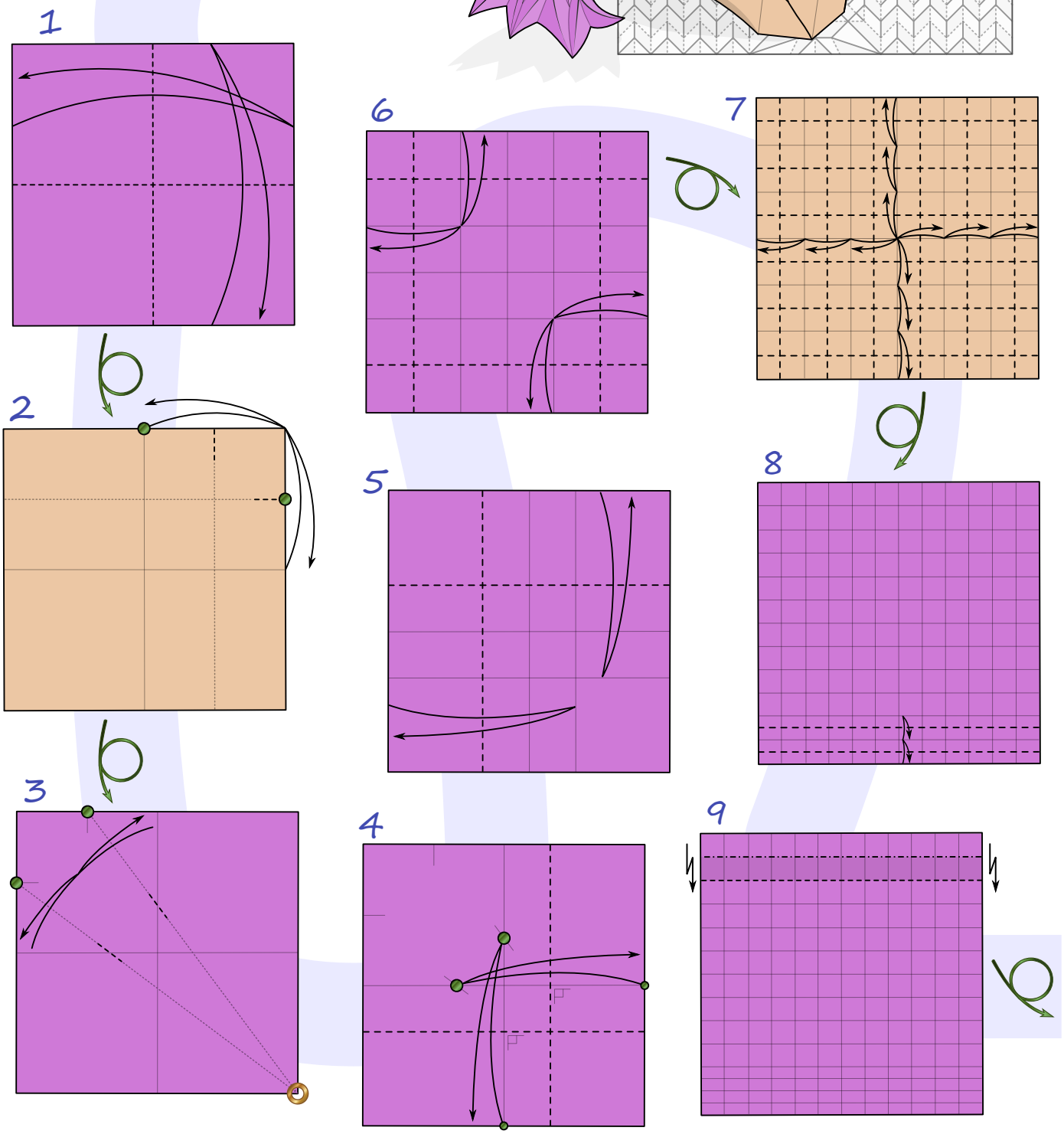
Difficulty: *******---

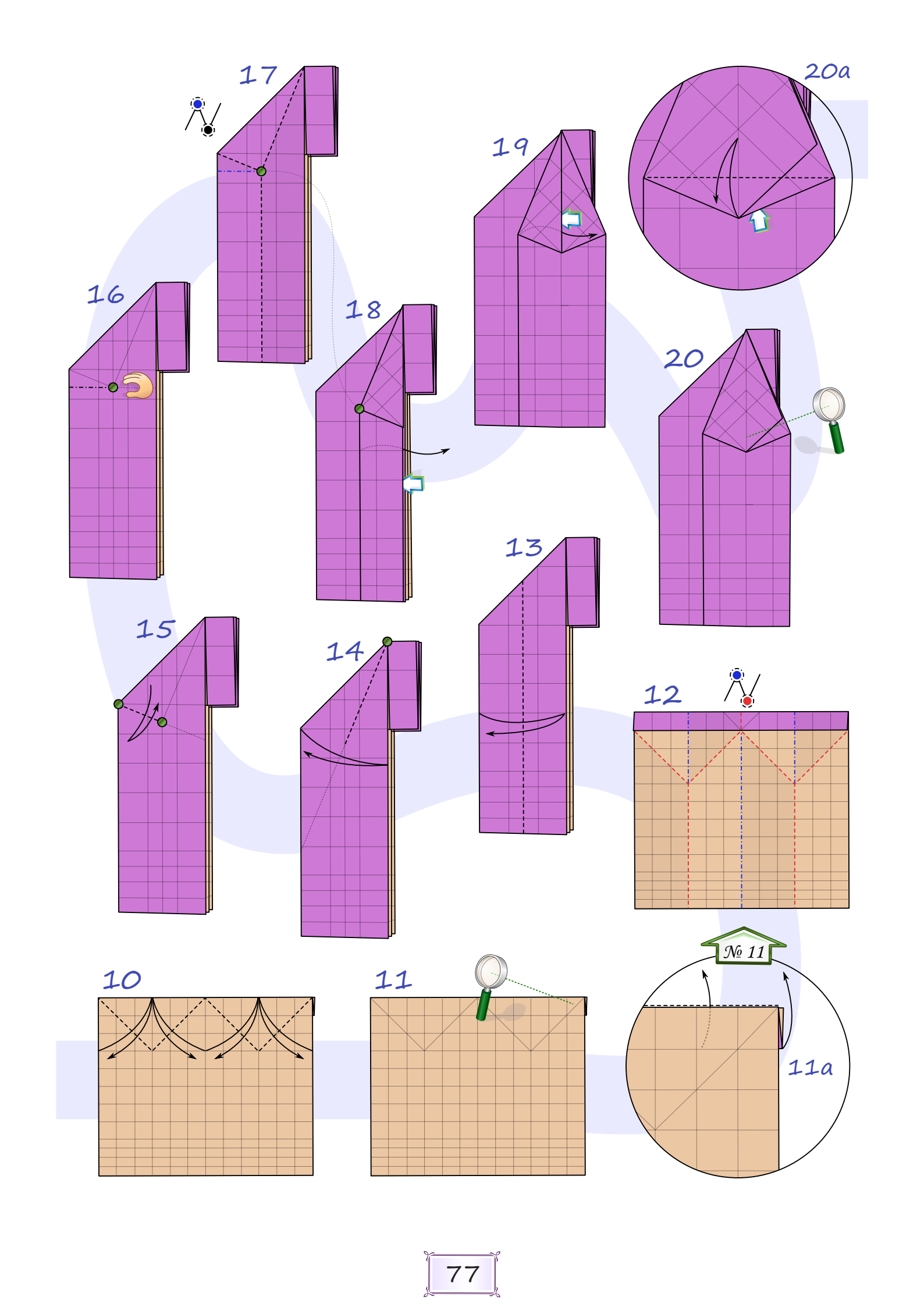
Paper: 40-50 g/m²

Paper size: 50-50 cm

Max score: 7 points



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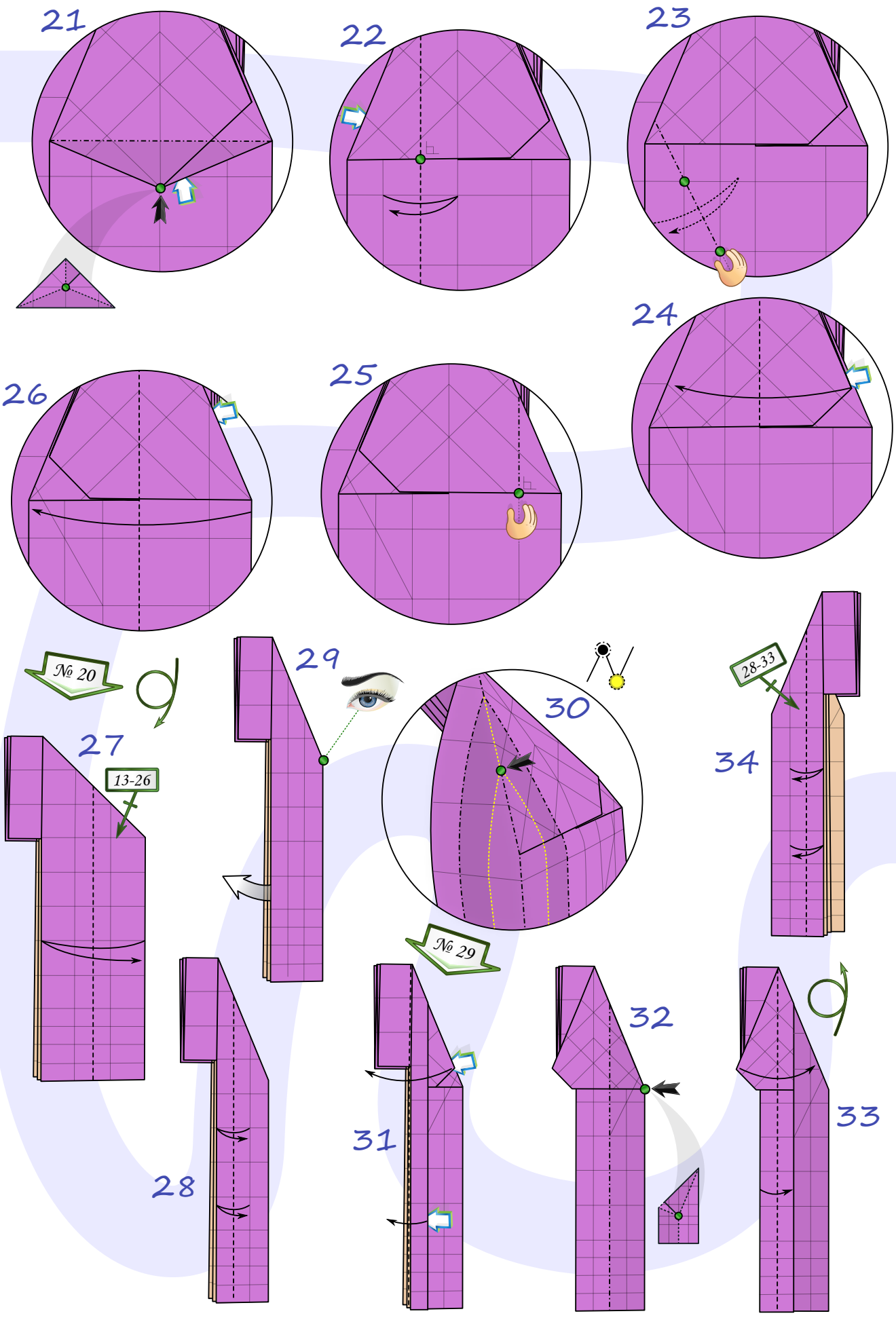
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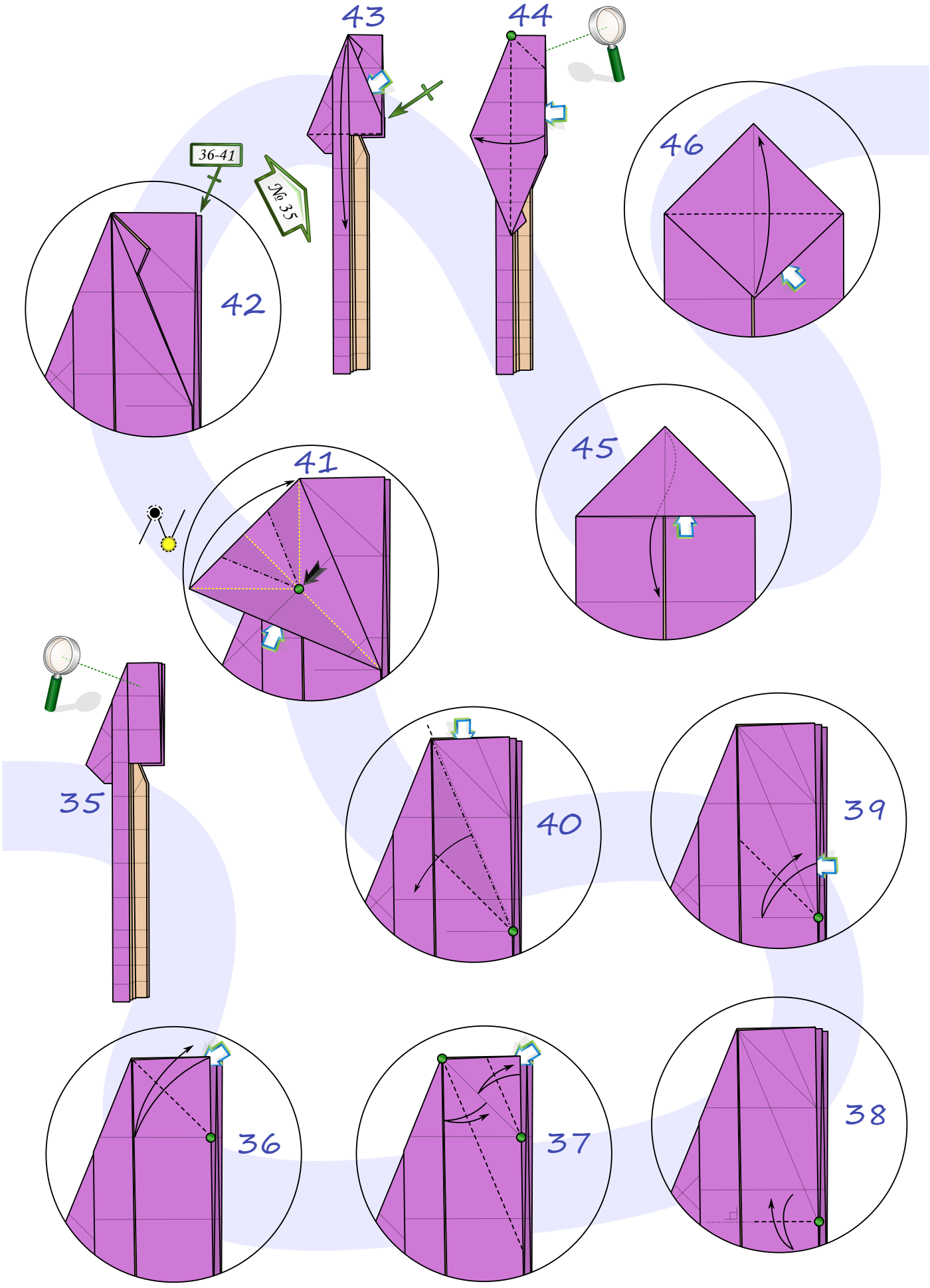
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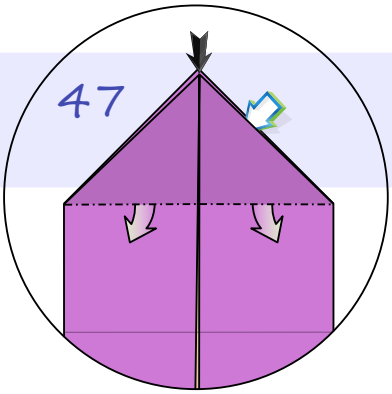
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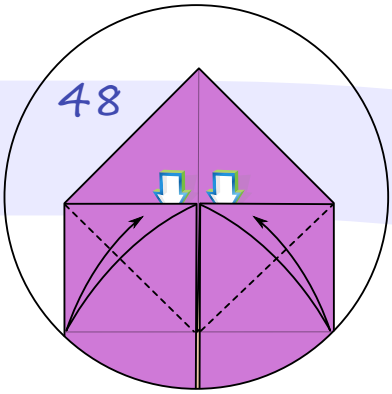
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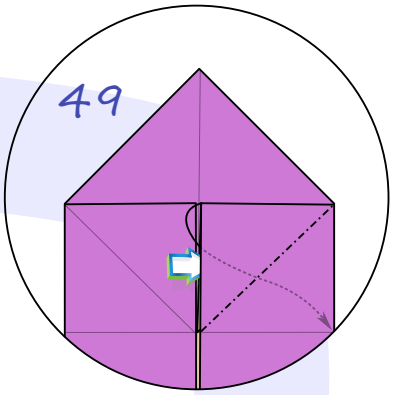
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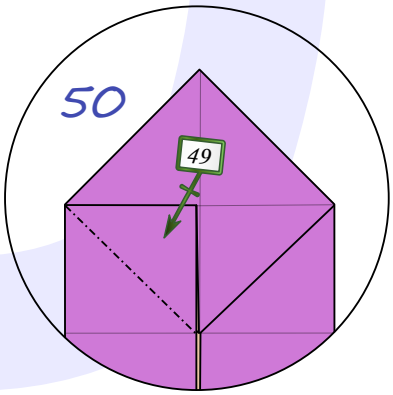
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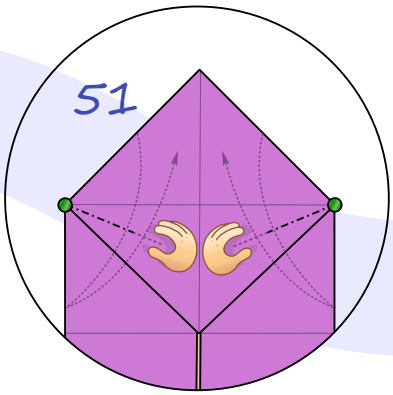
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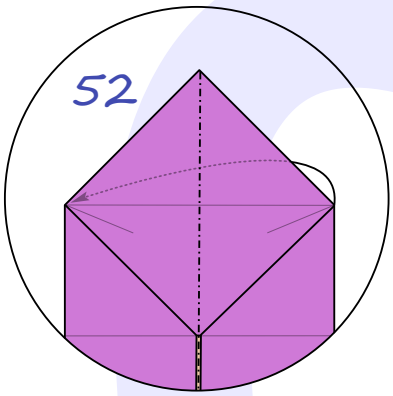
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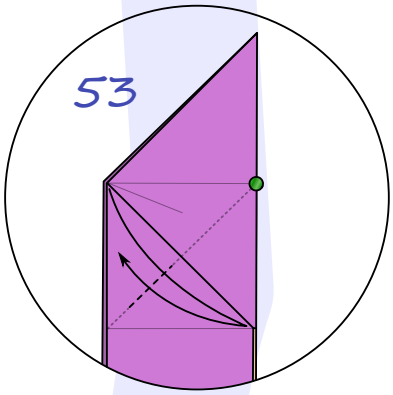
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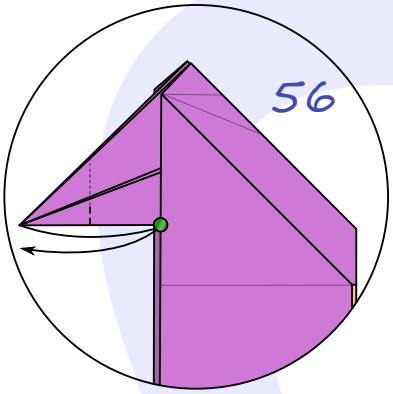
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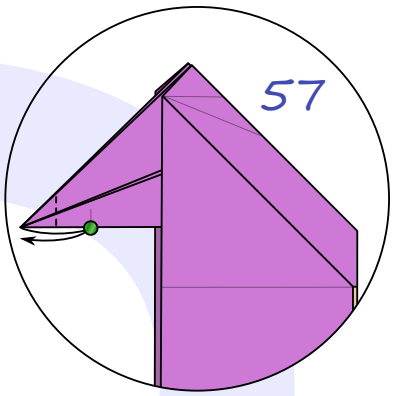
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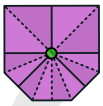

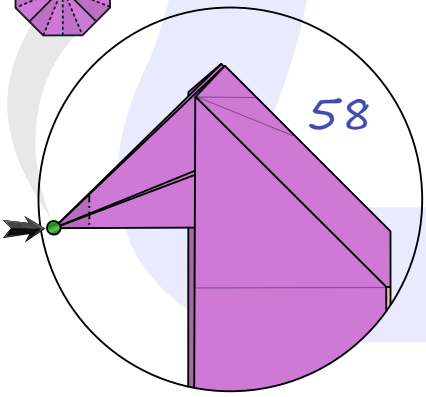
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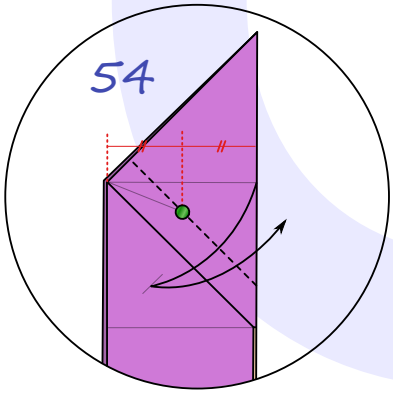
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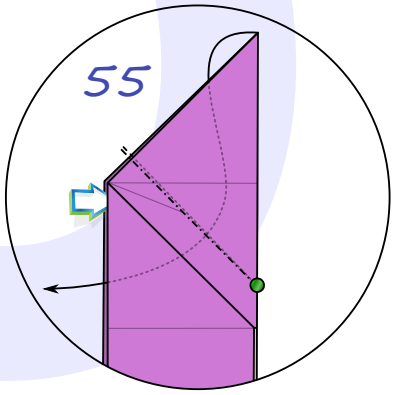
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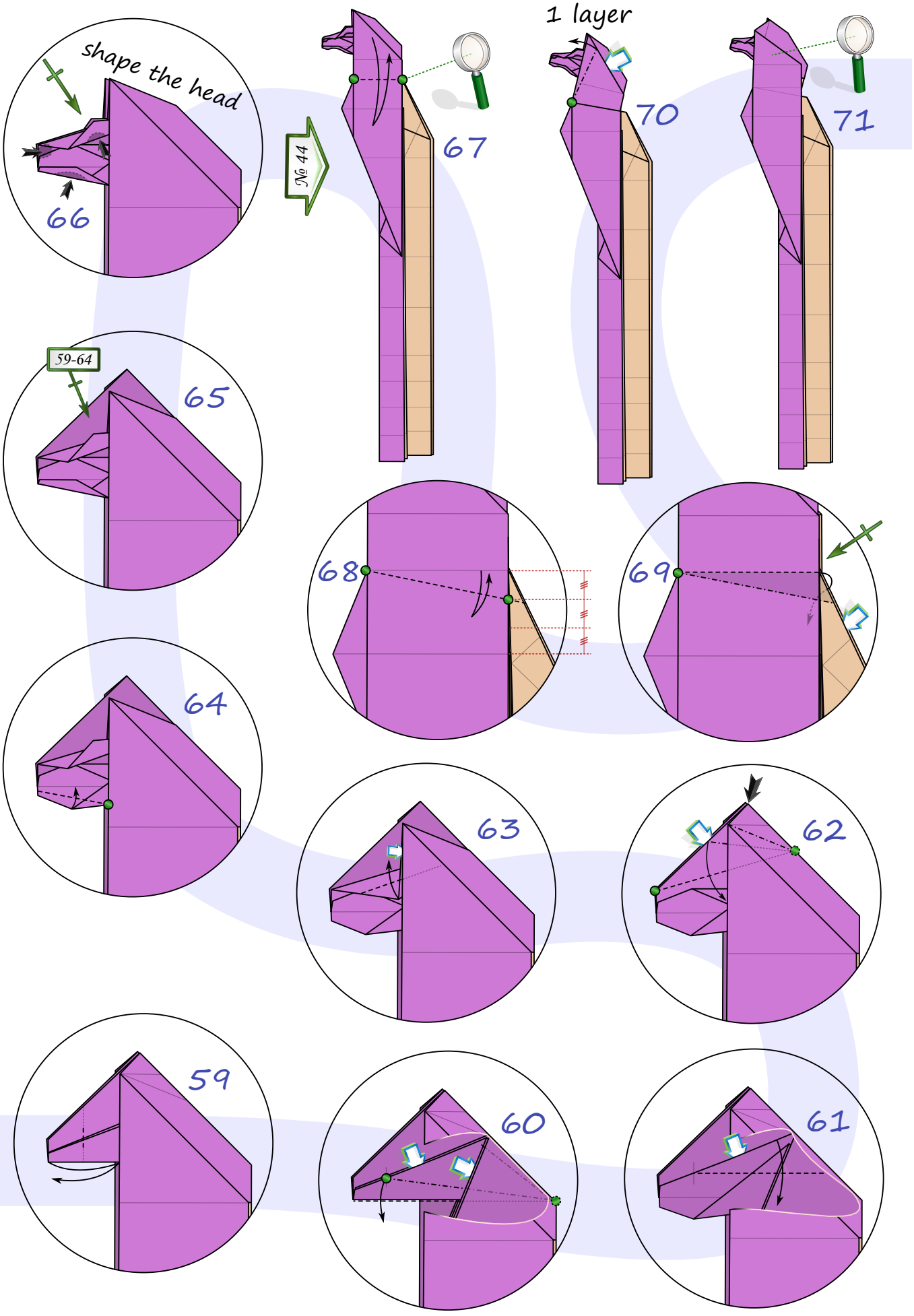
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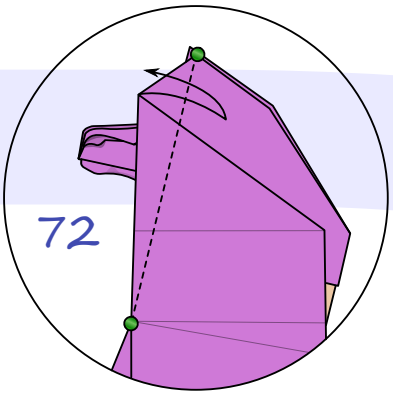
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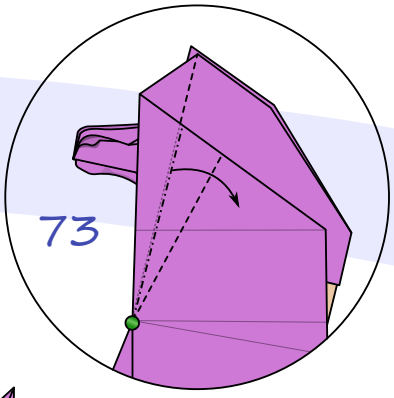
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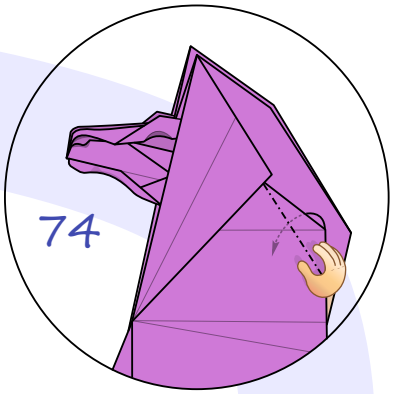
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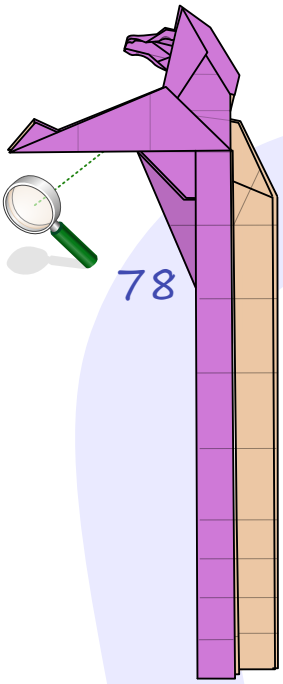
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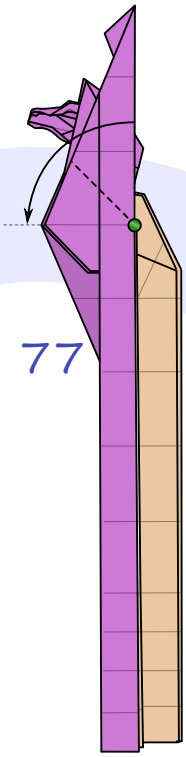
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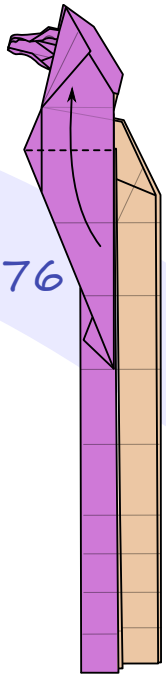
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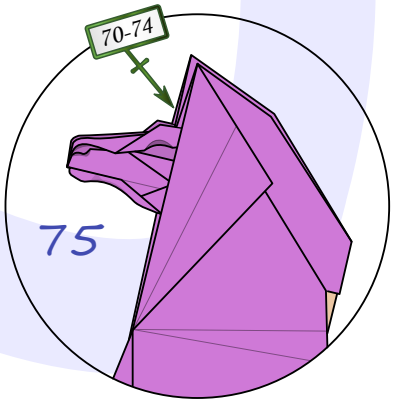
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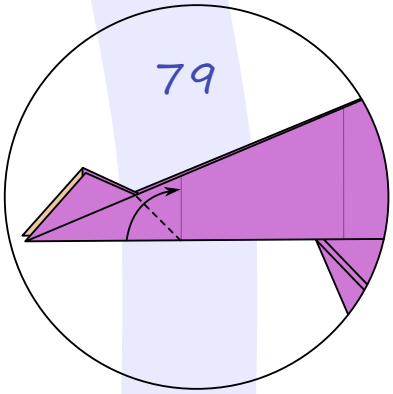
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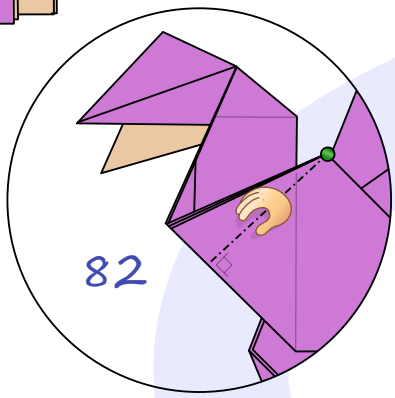
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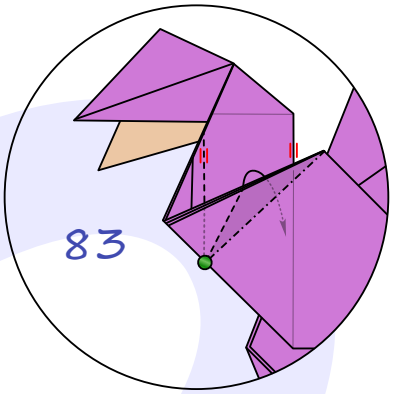
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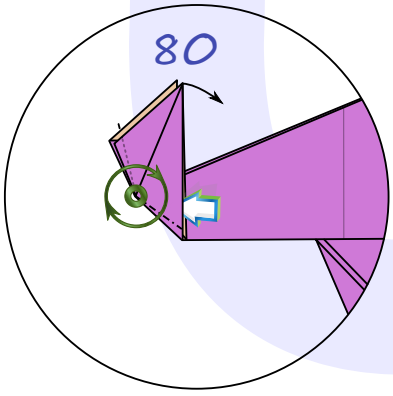
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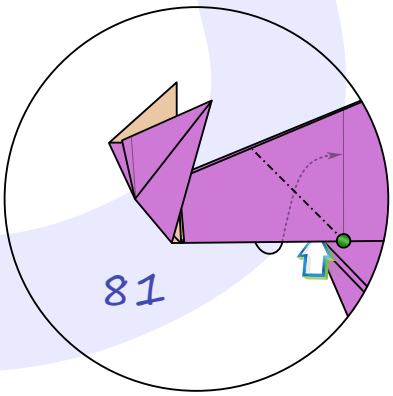
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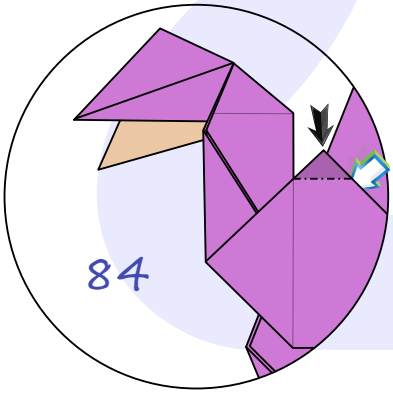
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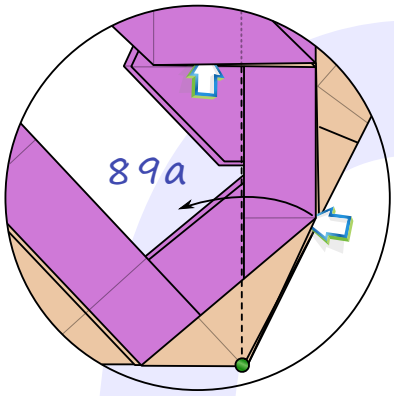
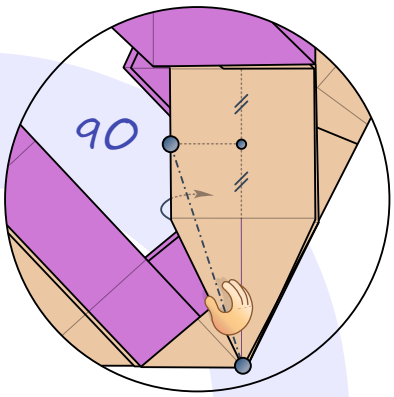
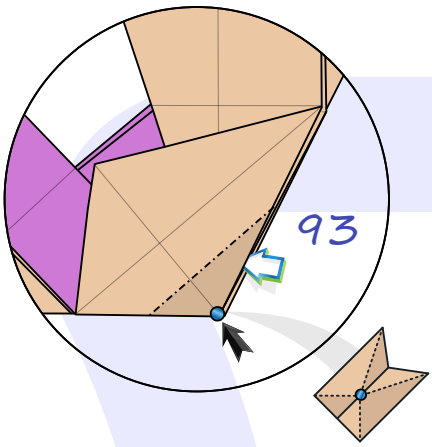
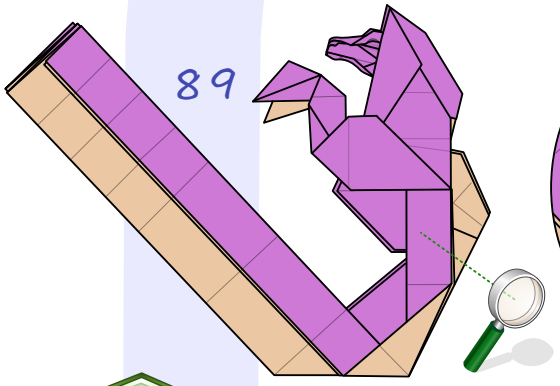
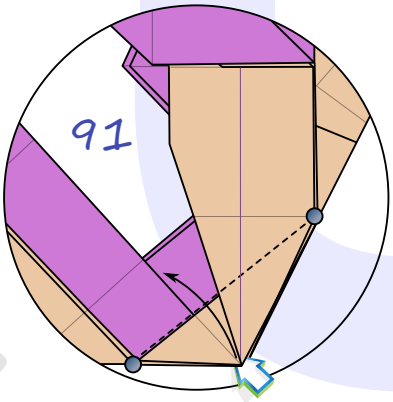
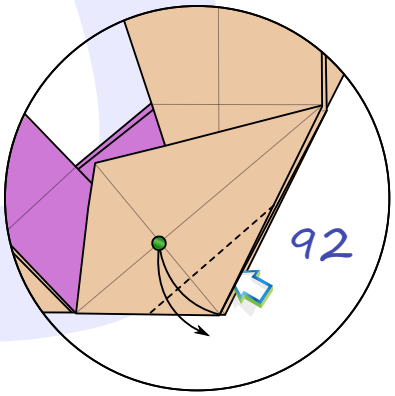






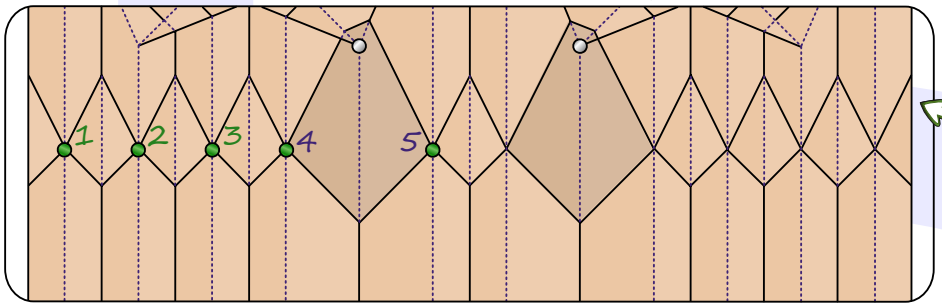


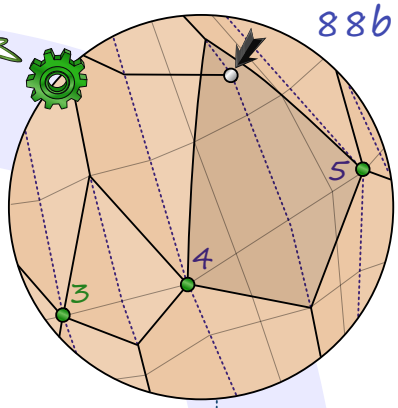


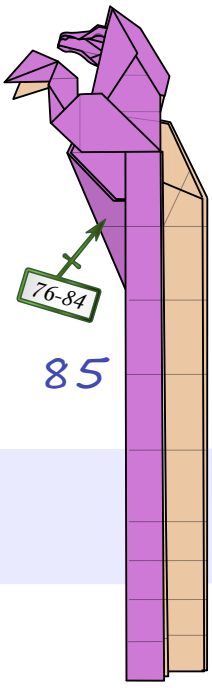


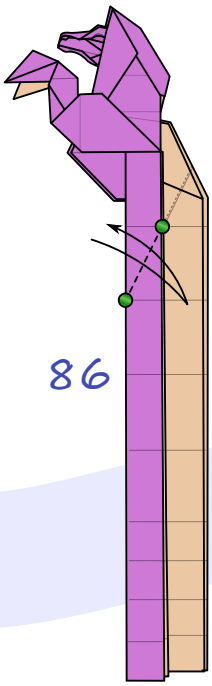
№ 88

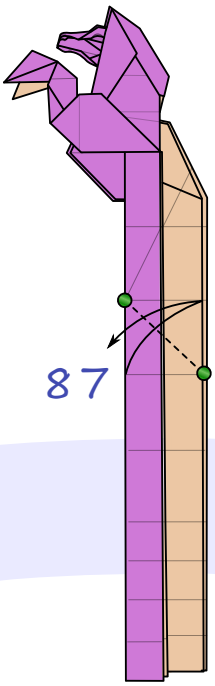
88c fold the existing area as shown

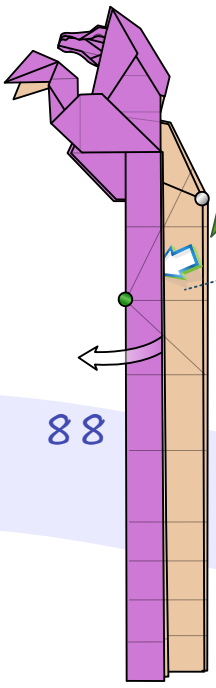


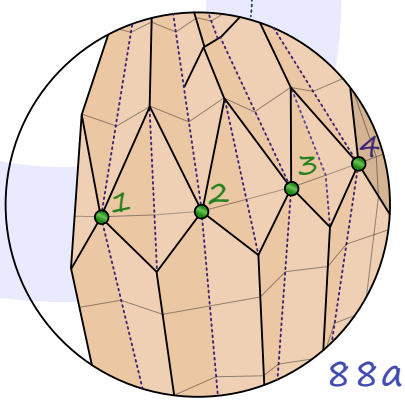


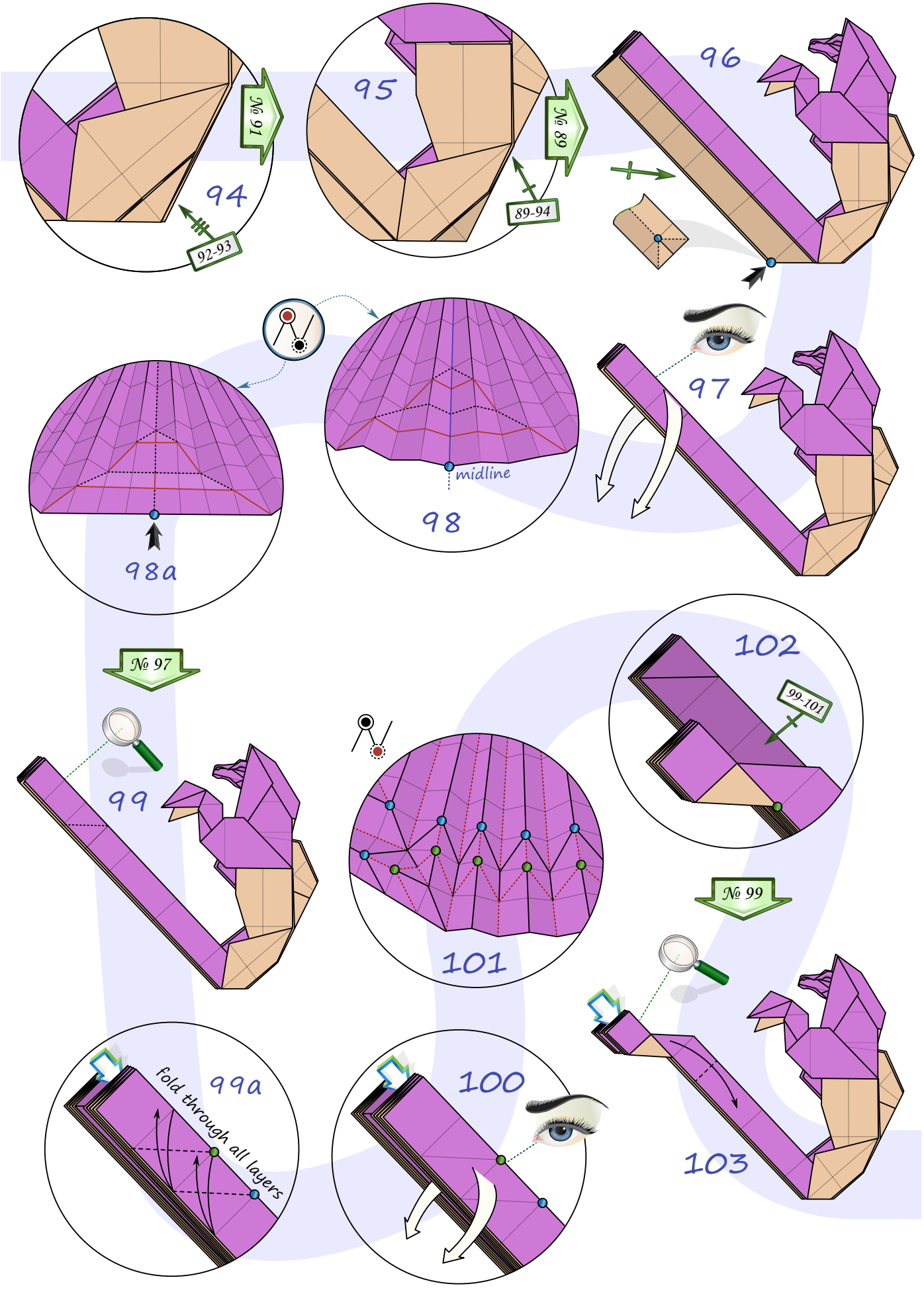


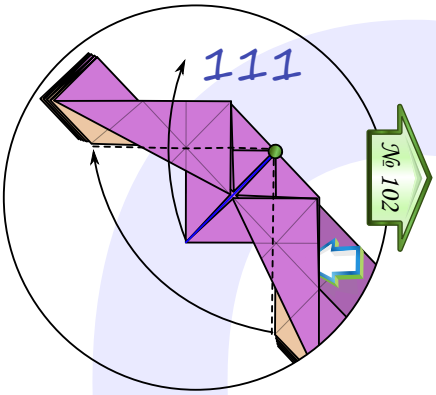









№ 91
94
92-93
95
№ 89
89-94
96
97
98
midline
98a
№ 97
99
99a
fold through all layers
100
101
102
99-101
№ 99
103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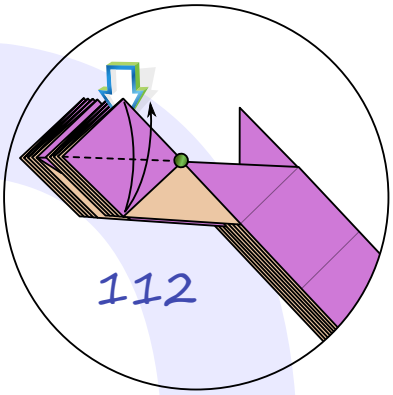
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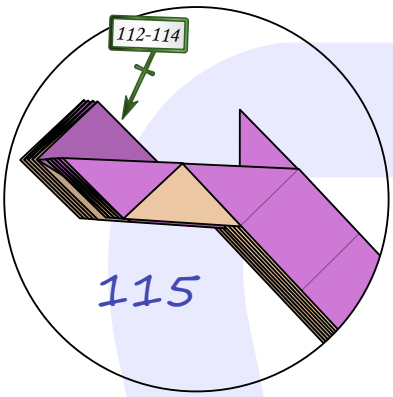
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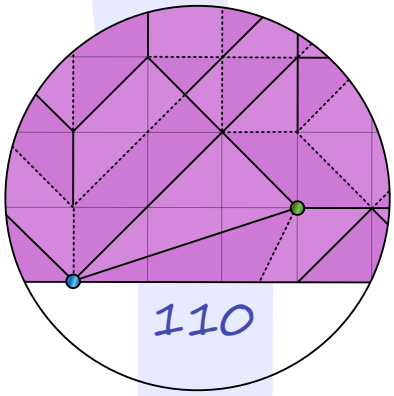
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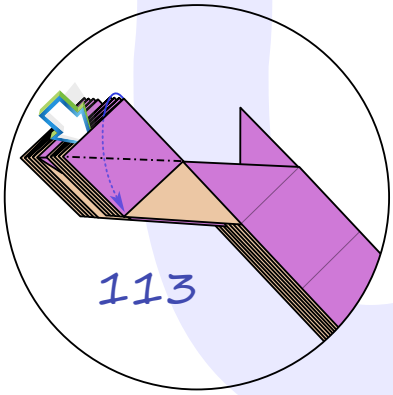
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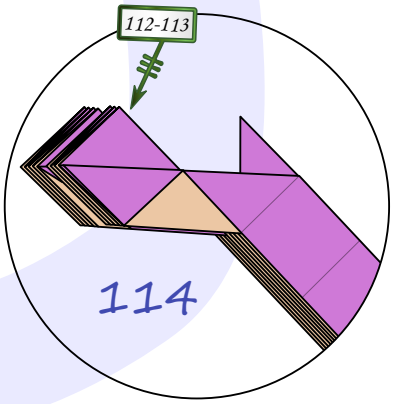
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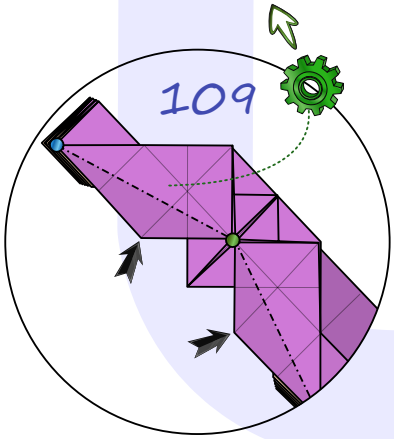
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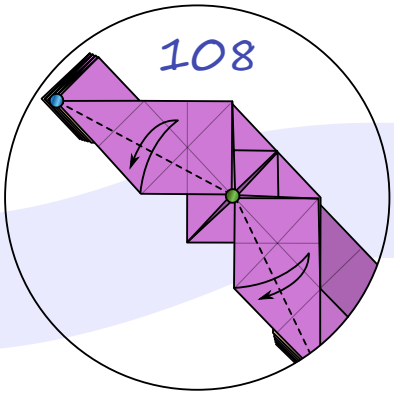
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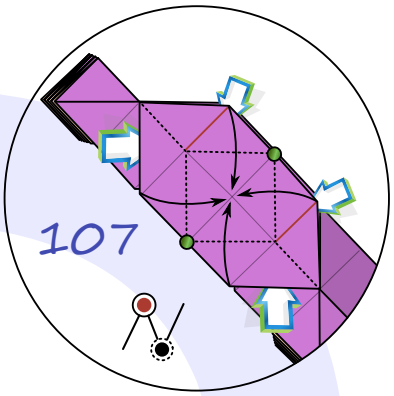
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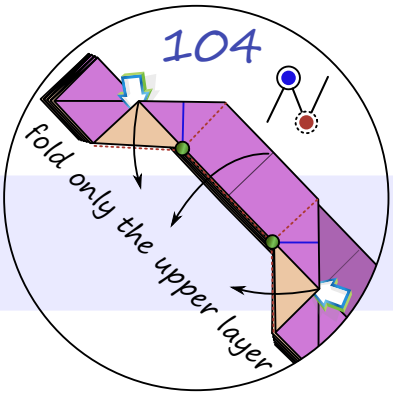
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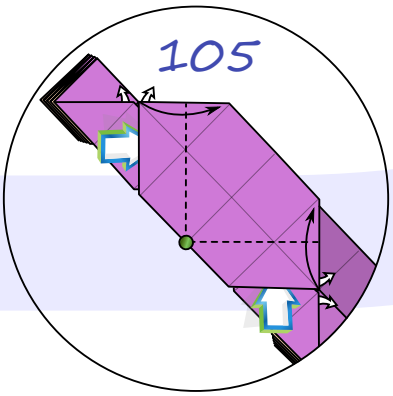
fold only the upper layer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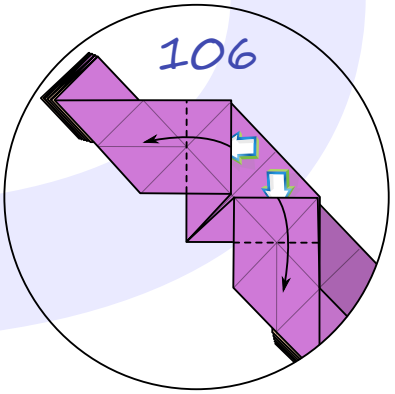
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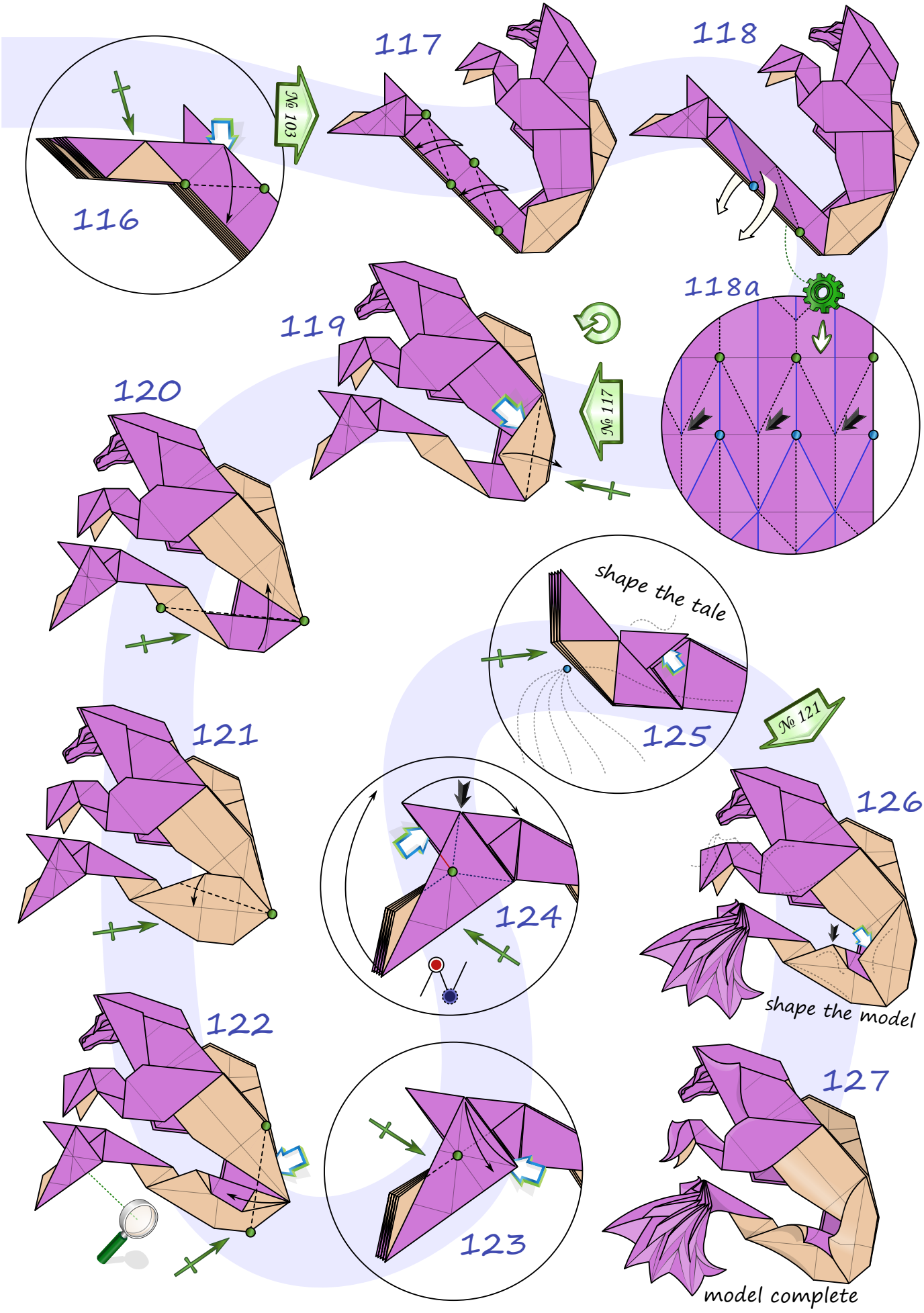

116
№ 103
117
118
118a
119
№ 117
120
shape the tale
125
121
124
№ 121
126
shape the model
122
123
127
model complete

Task №11

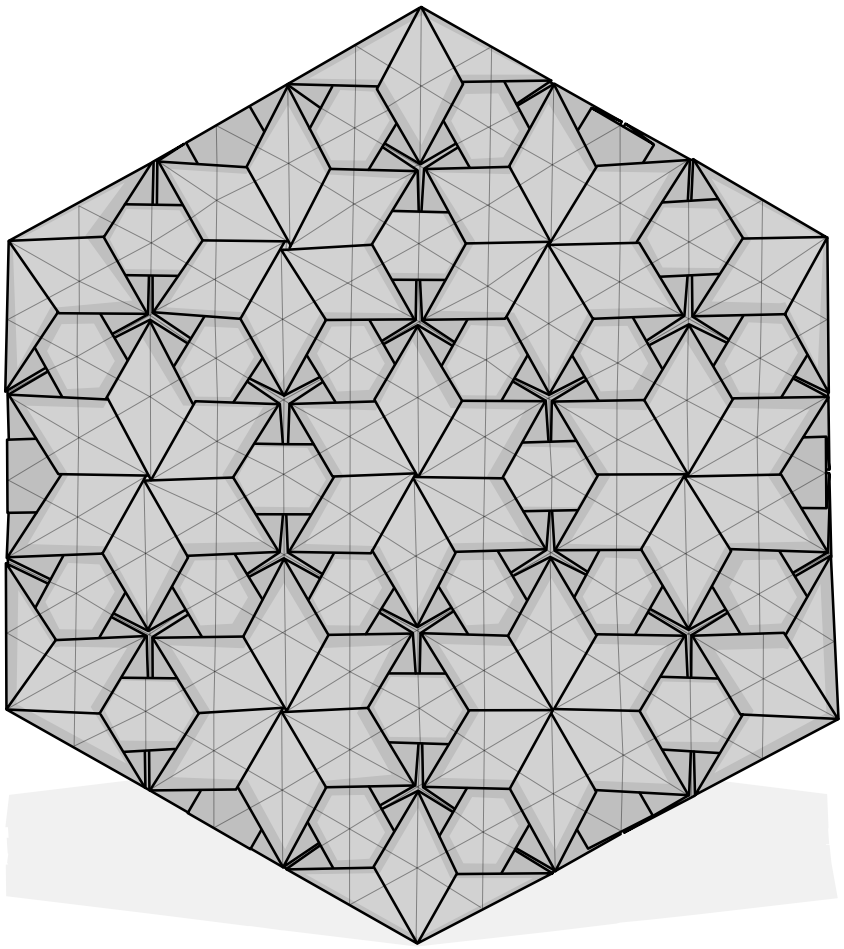
Sea Tales

Maximum score: 15 points

In this task we suggest you create your own model. You can choose any subject if it matches the theme. As usual, we propose a very broad topic allowing you to demonstrate your folding and designing skills.
The model can be created in any style, technique and complexity level. You just have to follow the ground rules:

- the model has to be created specifically for this Olympiad;
- one convex polygon sheet of paper (e.g. square, rectangle, triangle, pentagon, hexagon etc);
- no cuts;
- any color, size, type of paper etc;
- you can use MC+paper, foil-paper, wet-folding as well;
- 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);
- you must include CP and other information about your model so the jury can see that the rules have been observed;
- multi-piece or modular designs will not be taken into account.

Good Luck!



The End

Russia
2021