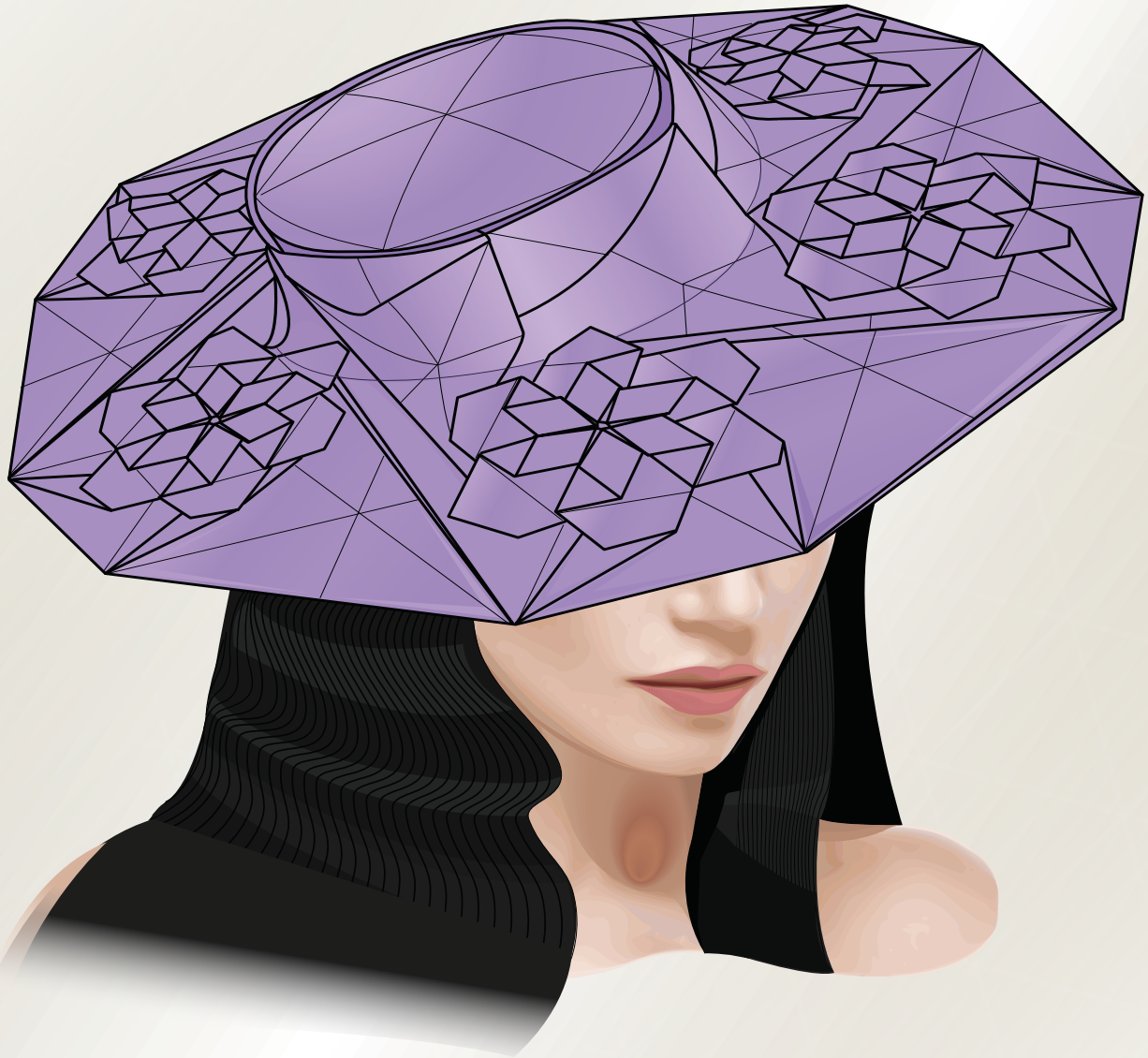


A. Ermakov

Tessellations op.82 №6 ("Ladies Sun Hat")



54 steps

A.Ermakov

Tessellations op.82 №6 («Ladies Sun Hat»)

All rights reserved. No part of this publication may be reproduced or utilised in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without prior written permission from the author.

A. Ermakov



Tessellations op.82 №6
«Ladies Sun Hat»



Russia 2016

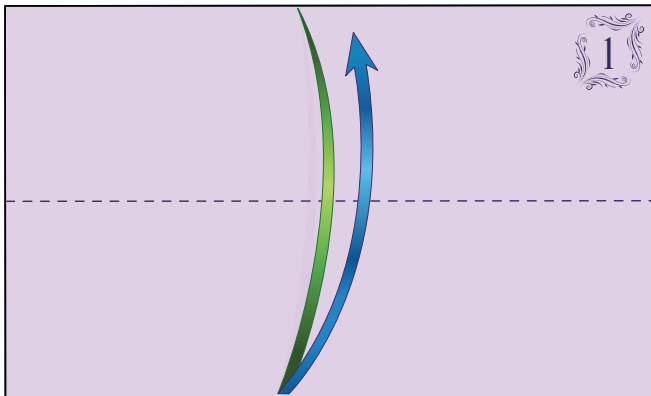
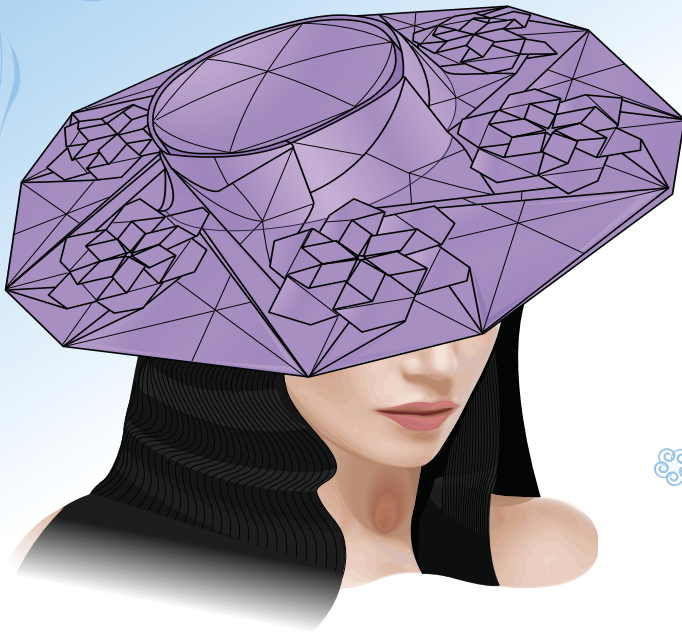
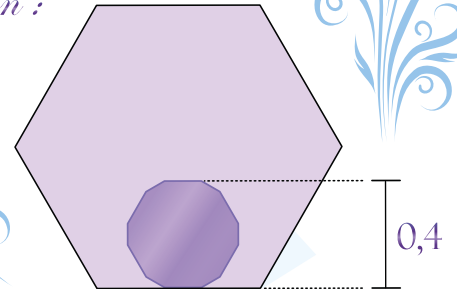
Ladies Sun Hat

Created by Andrey Ermakov

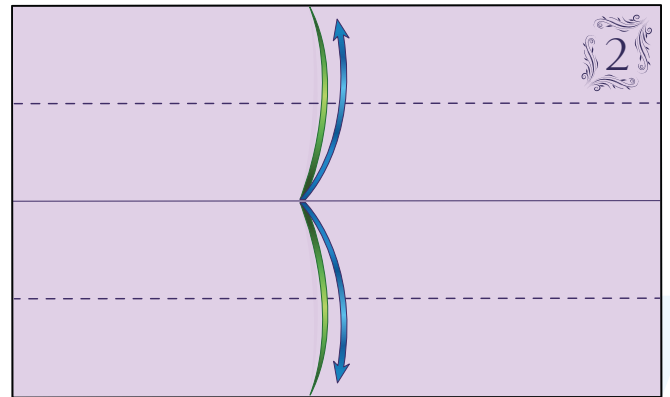
Difficulty : Intermediate

Time to fold : 2 hours

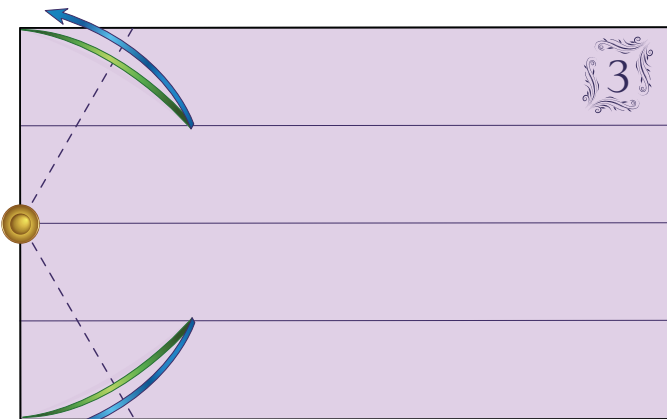
Dimension :



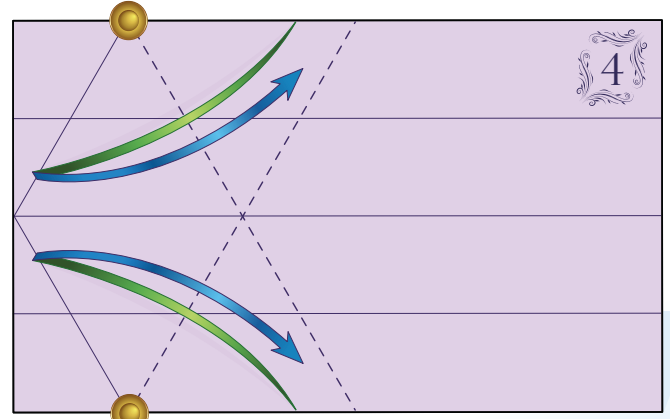
fold in half vertically and unfold



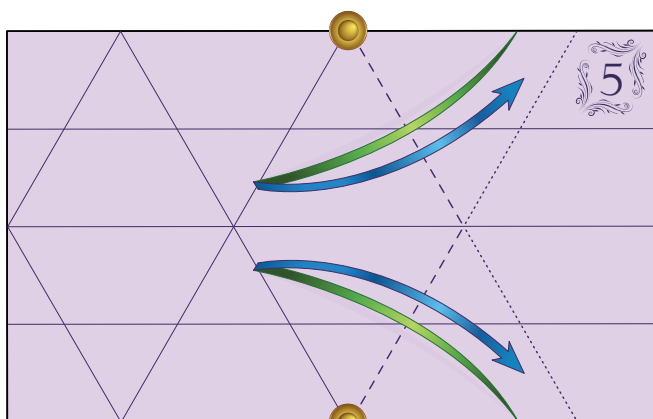
fold the edges to the center line and unfold



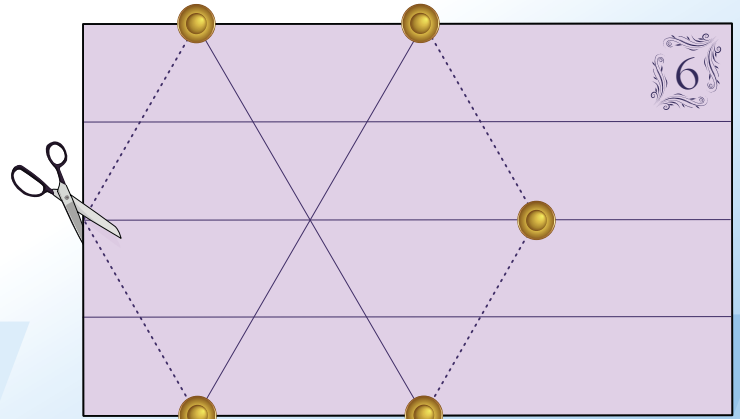
fold and unfold the corners as shown



fold and unfold along an angle bisector

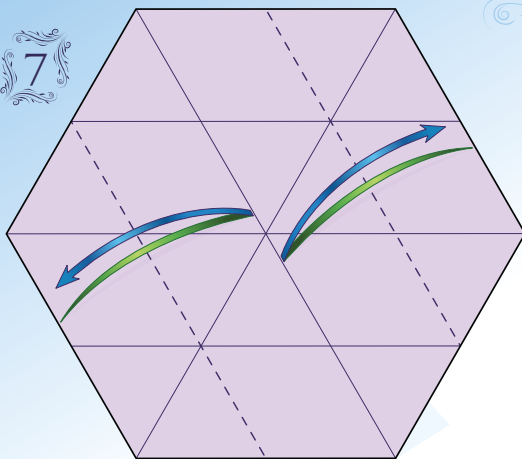


fold and unfold along an angle bisectors



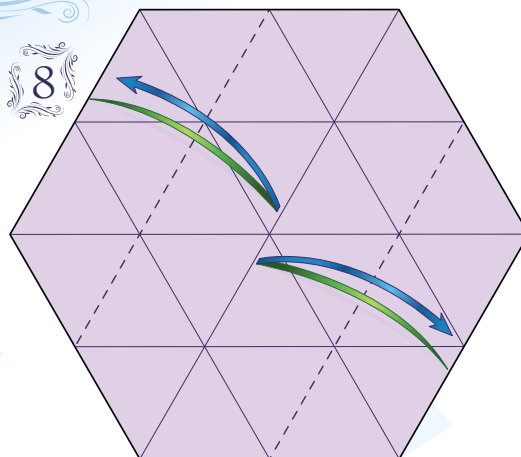
cut the hexagon along the dotted lines

7



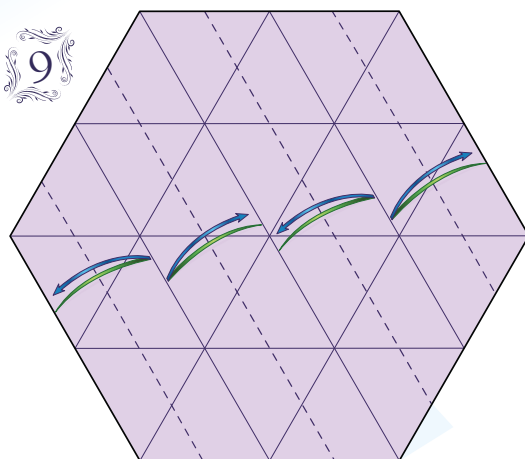
fold the edges to the center line and unfold

8



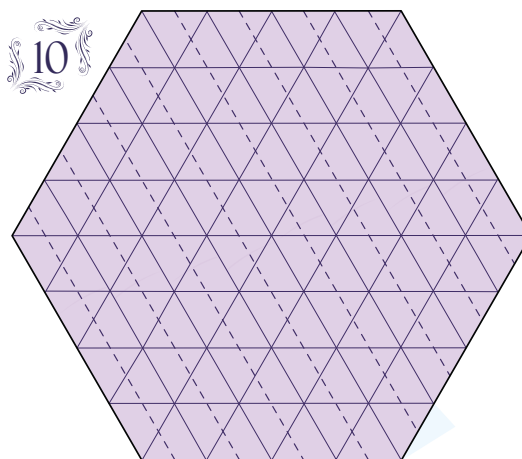
fold the edges to the center line and unfold

9



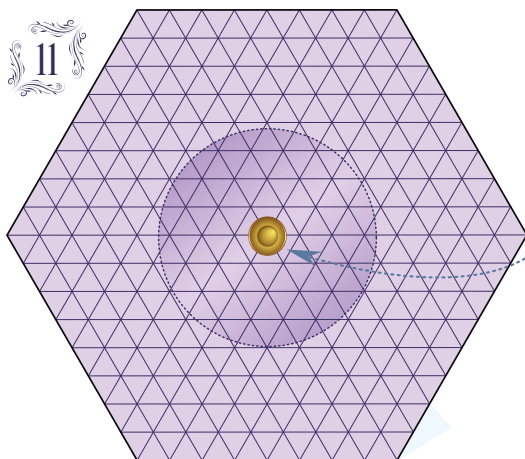
repeat this step at all sides

10



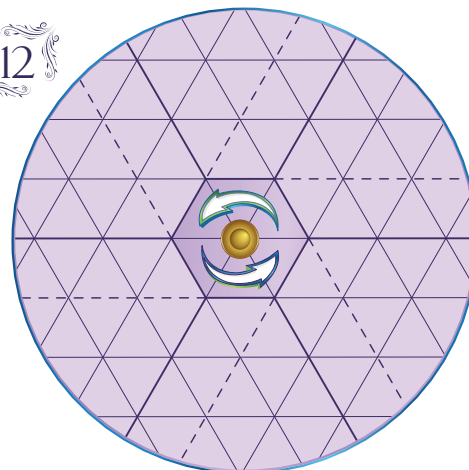
repeat this step at all sides

11



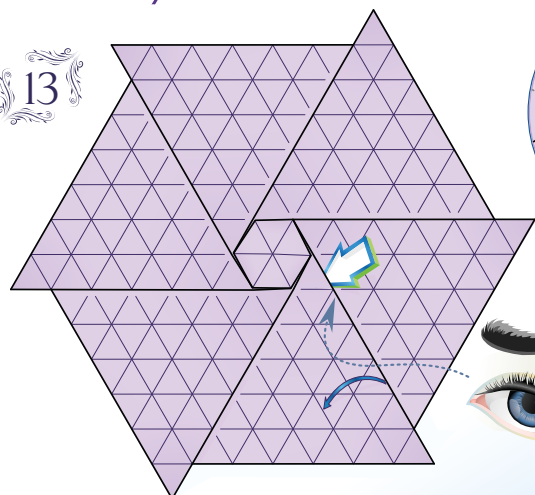
grid is complete, look closer at center

12

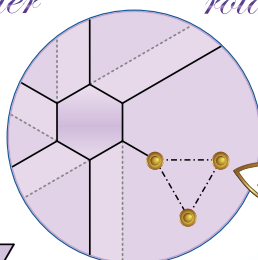


rotate the hexagon around the center

13

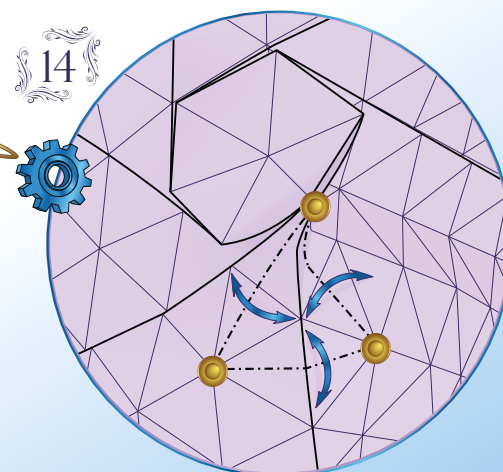


open the top layer, look closer

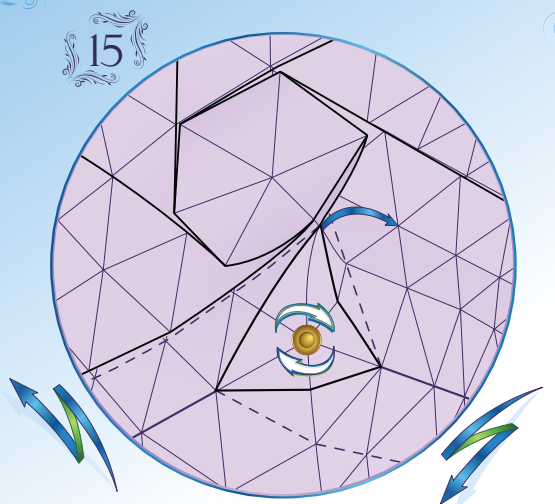


crease pattern

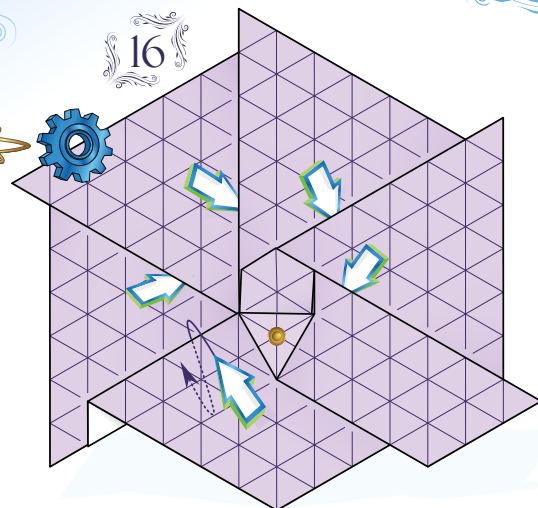
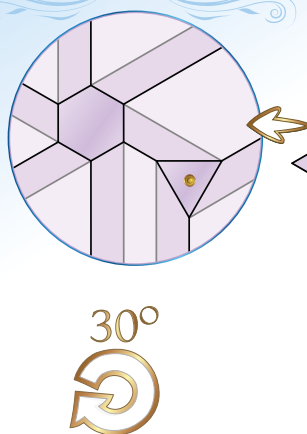
14



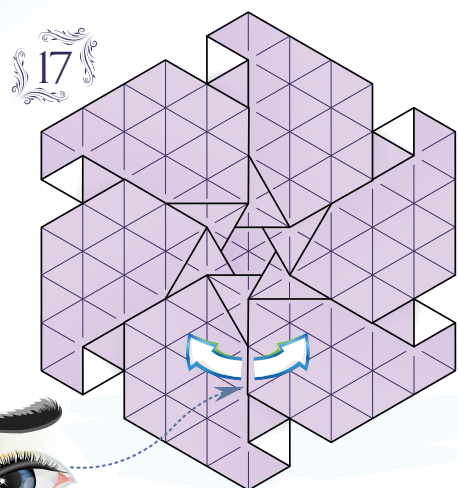
make the mountains creases



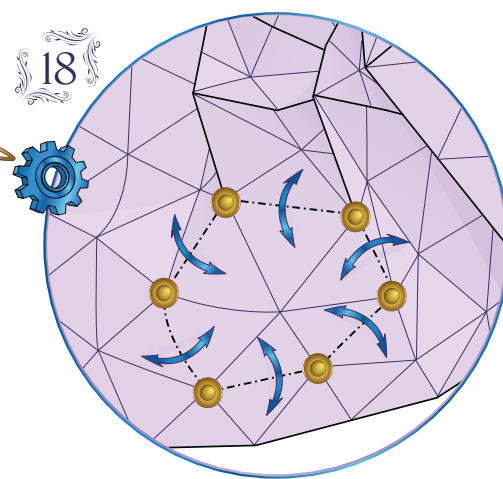
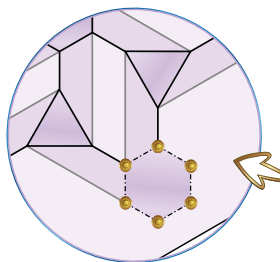
rotate the trigon around the center



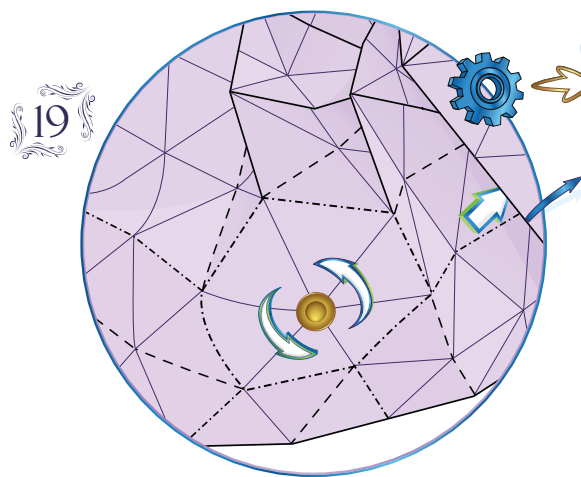
repeat steps 13-15 at all sides



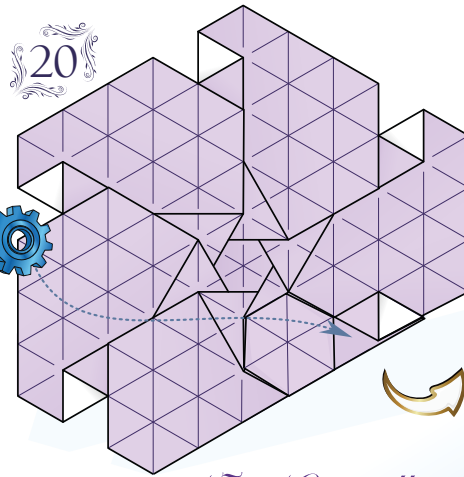
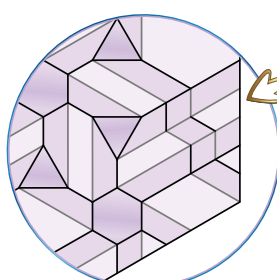
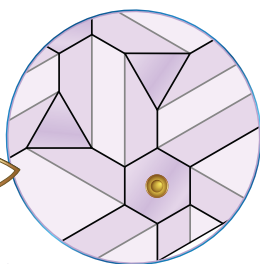
open the layers, look closer



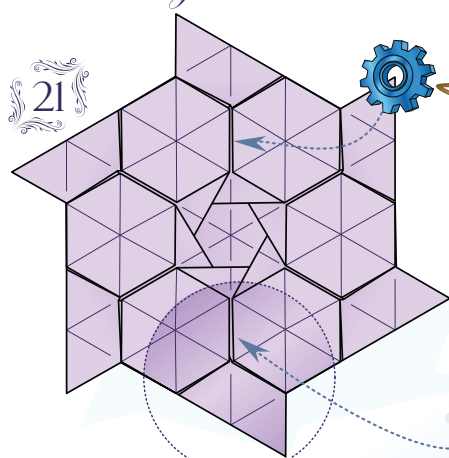
make the mountains creases



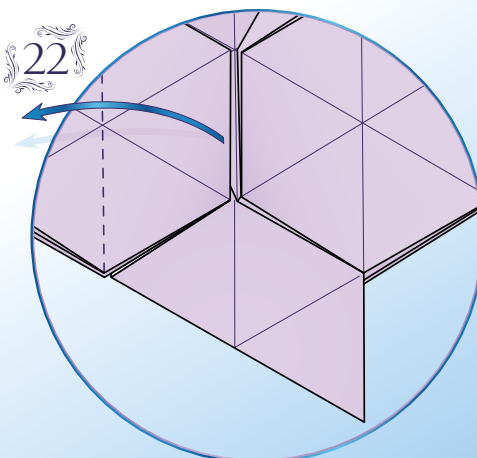
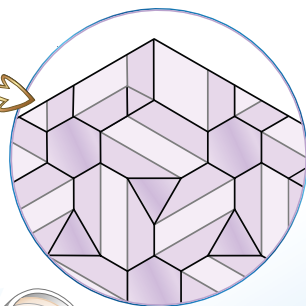
rotate the hexagon around the center



repeat steps 17-19 at all sides

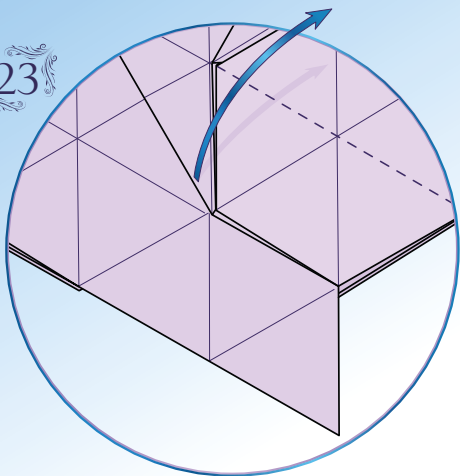


focus at the dark area



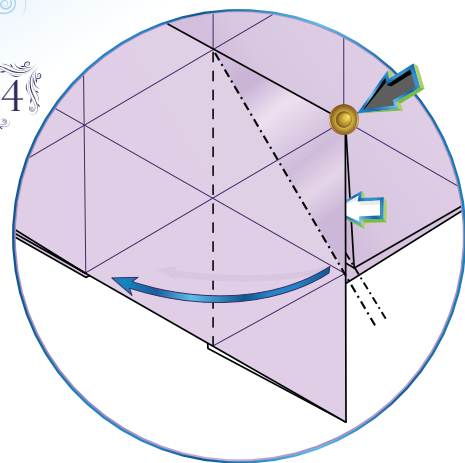
fold the upper flap to the left

23



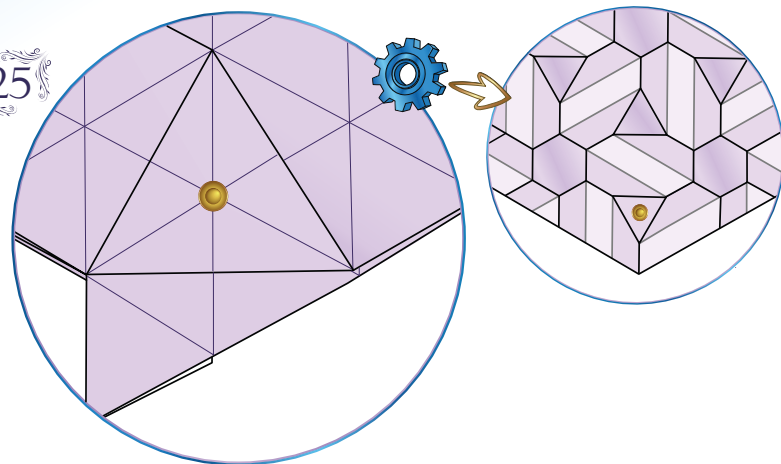
fold the upper flap to the top

24



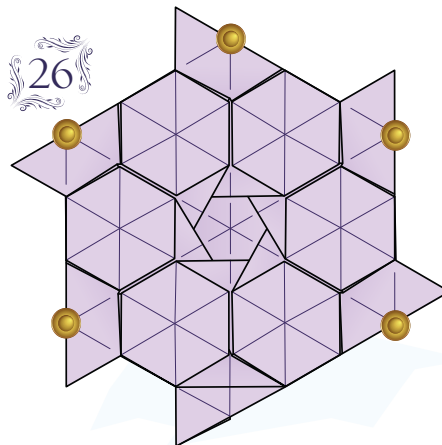
open the corner and squash

25



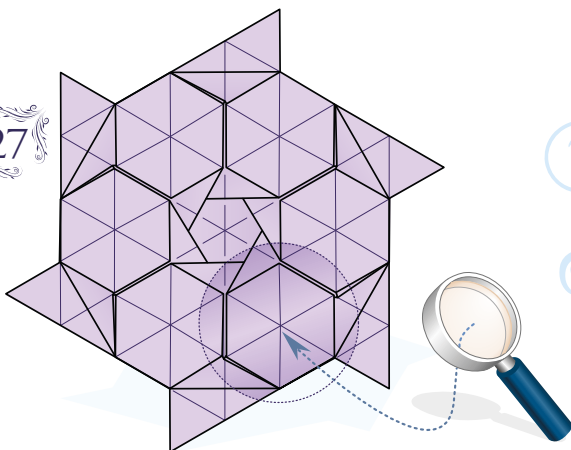
unfold the flaps folded in steps 22-23

26



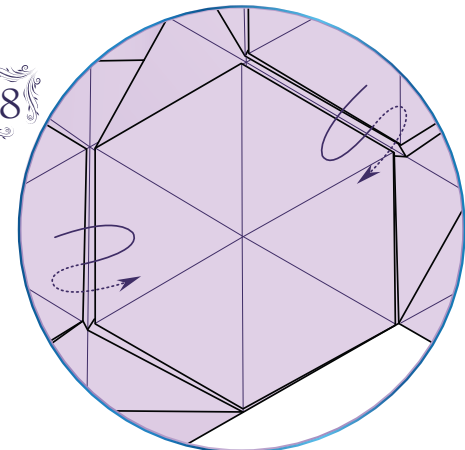
repeat steps 24-25 at all sides

27



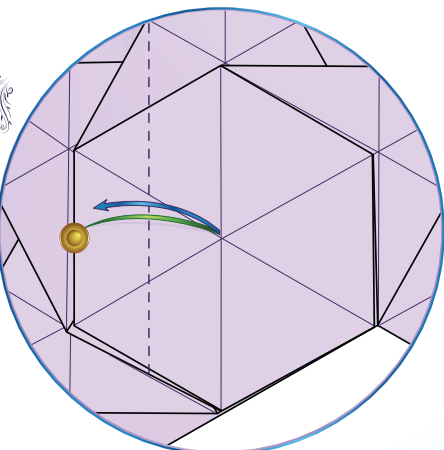
next steps will focus on the selected area

28



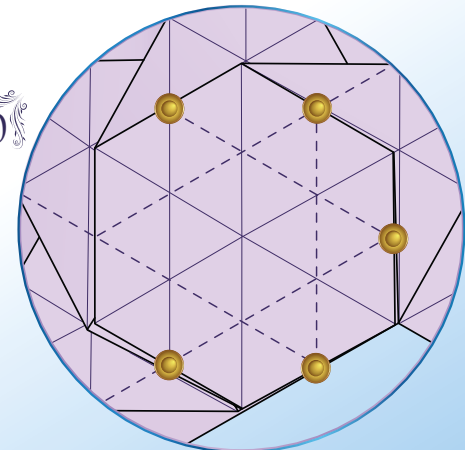
put down the hexagons to the lower level

29



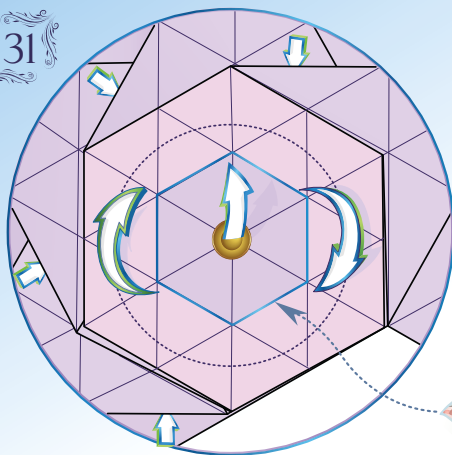
fold the edge to the center and unfold

30

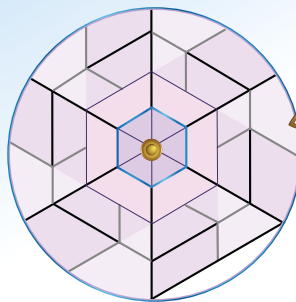


repeat step 29 at all sides

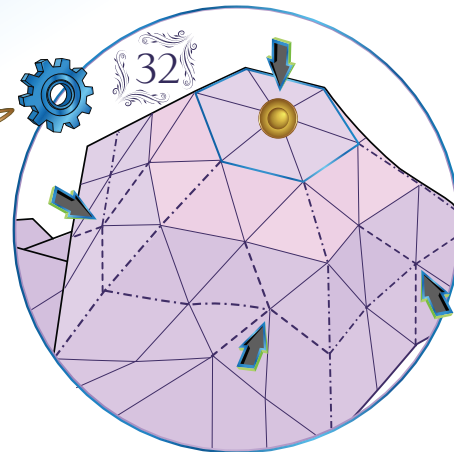
31



twist and expend the hexagon up

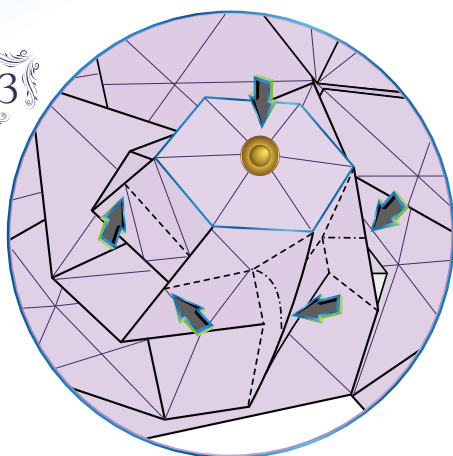


32

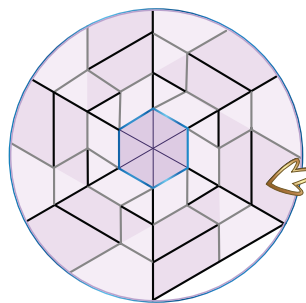


assemble the 3-D folds as shown

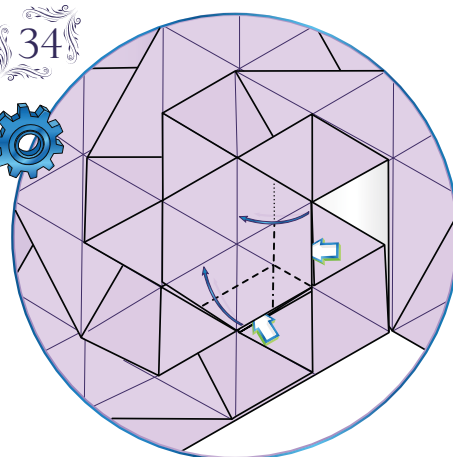
33



flatten the model using the crease lines

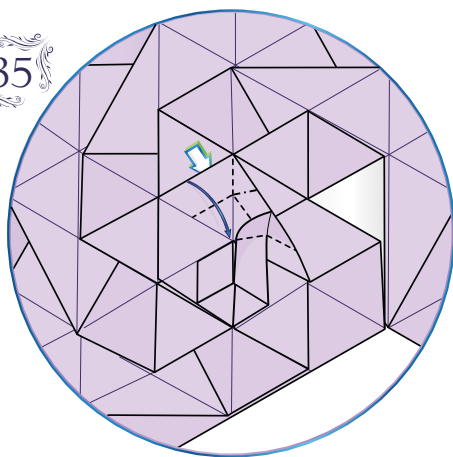


34



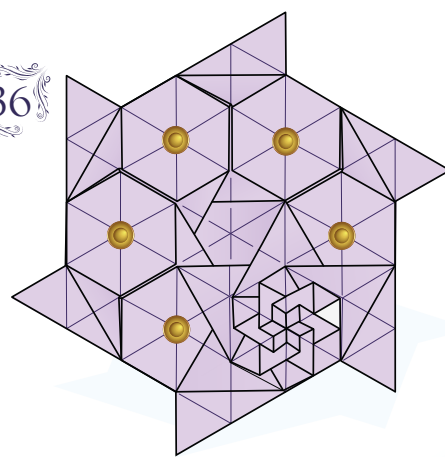
rabbit ear fold the corner

35



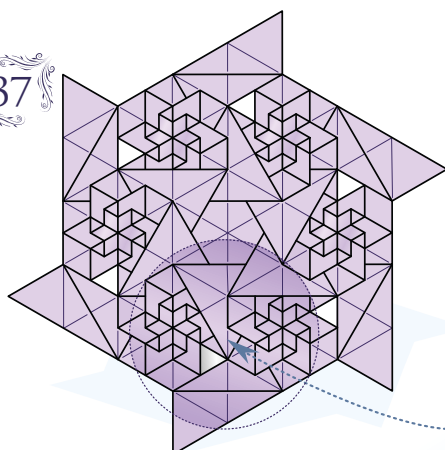
repeat step 34 at all sides

36



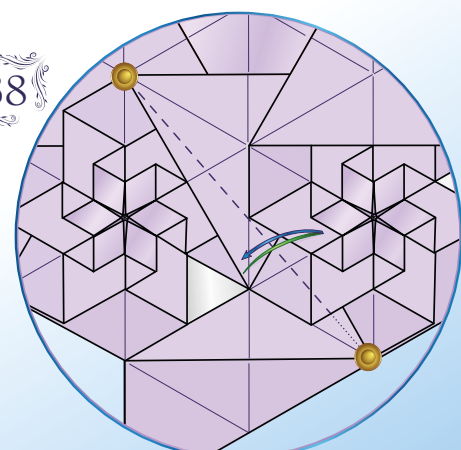
repeat steps 28-35 at all sides

37



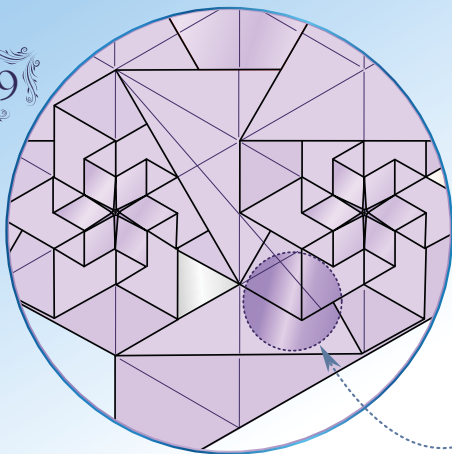
next steps will focus on the selected area

38



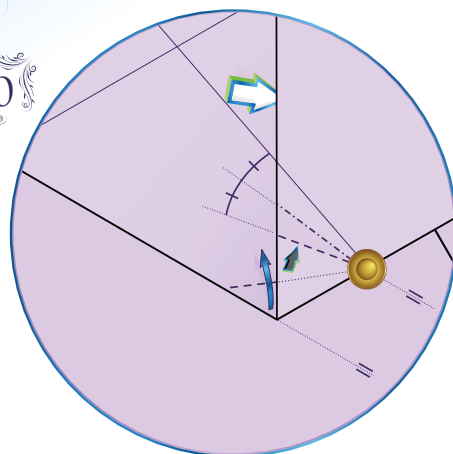
make the crease as shown

39



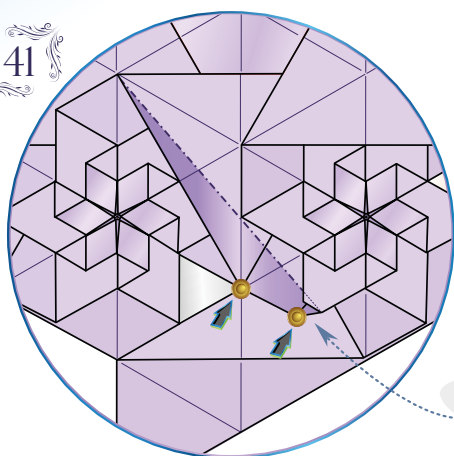
next steps will focus on the selected area

40



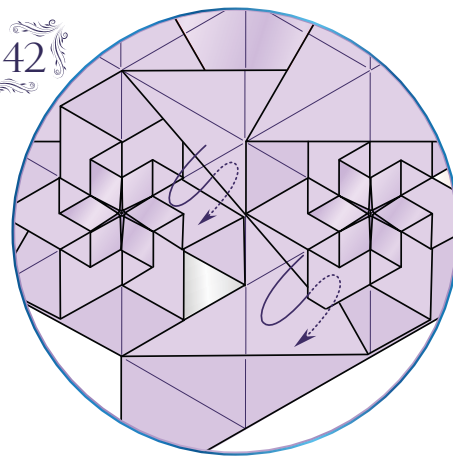
crimp and swivel

41



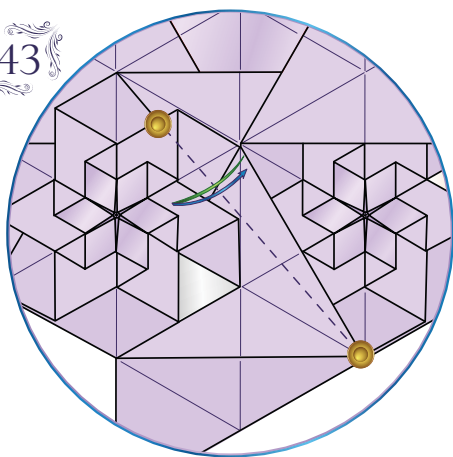
push in the circled points, closed sinks

42



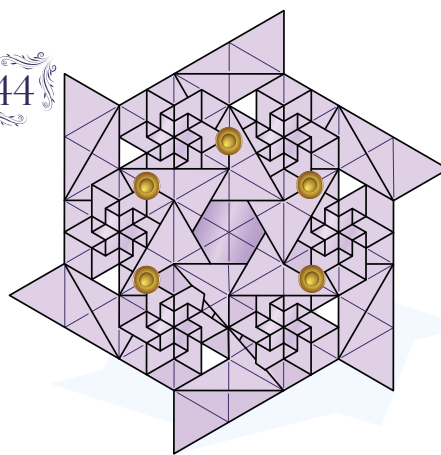
put down the layer to the lower level

43



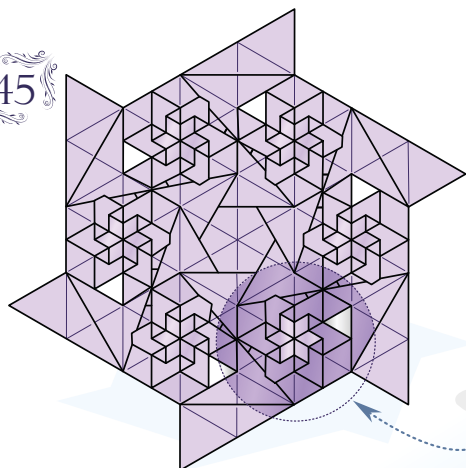
repeat 38-41 on the other side

44



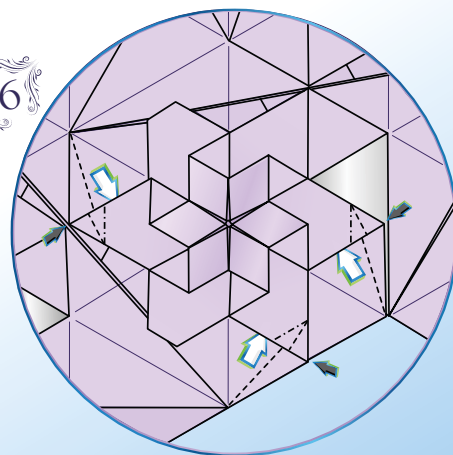
repeat 37-43 at all sides

45



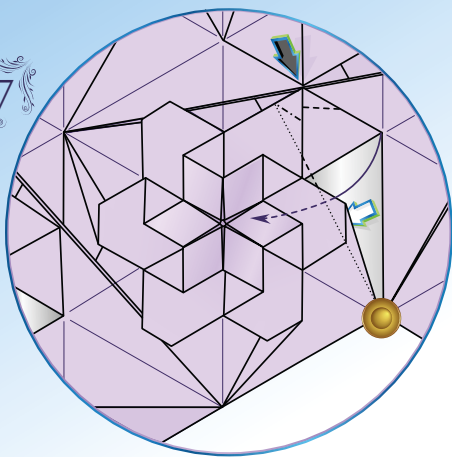
focus at the dark area

46



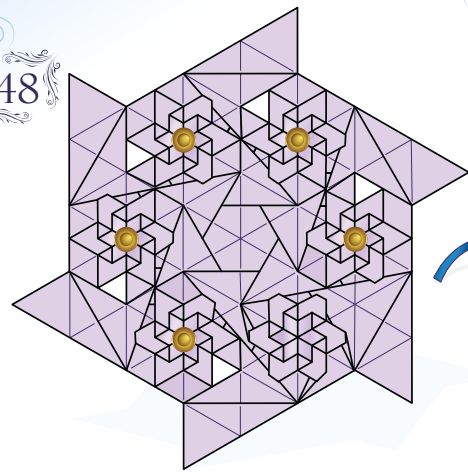
shape the petals of flowers

47



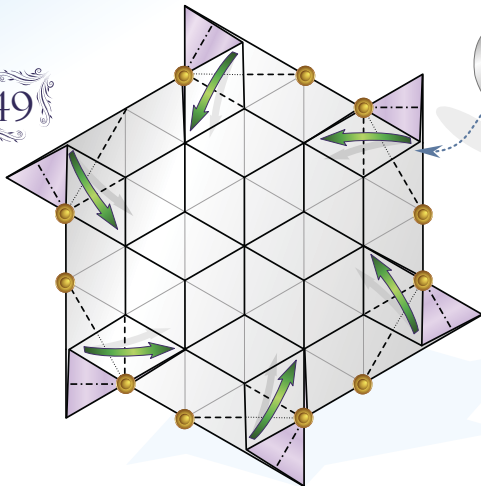
shape the last petal of flower as shown

48



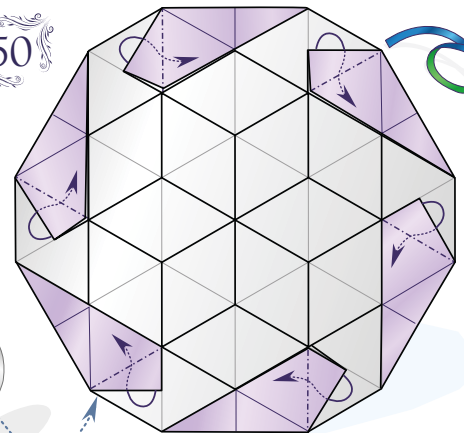
repeat 45-47 at all sides, turn the model

49



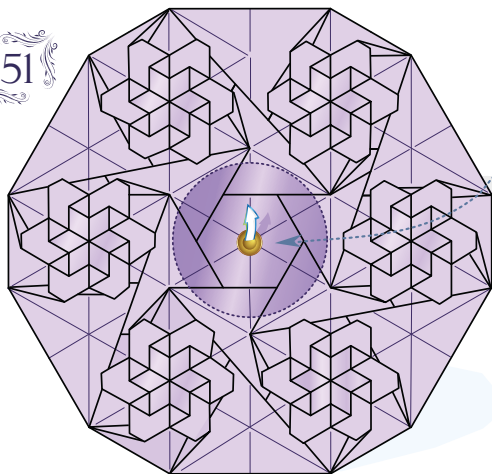
swivel folds at all sides

50



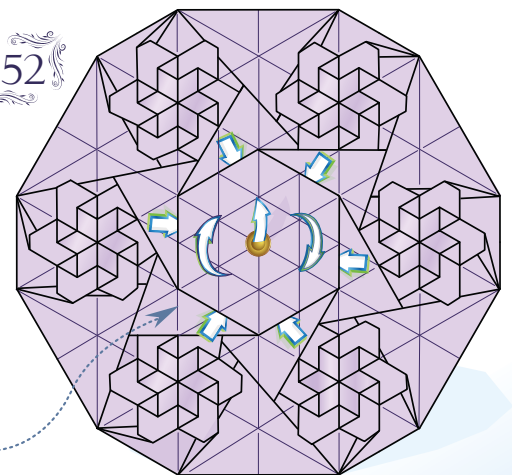
insert the flaps into the farthest pockets, turn the model

51



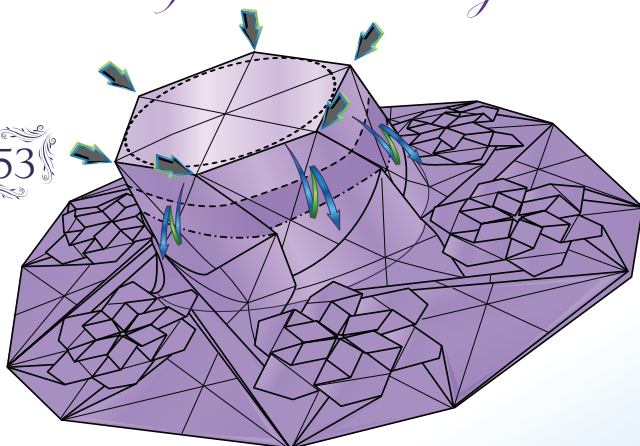
repeat 28-30 for the central hexagon

52



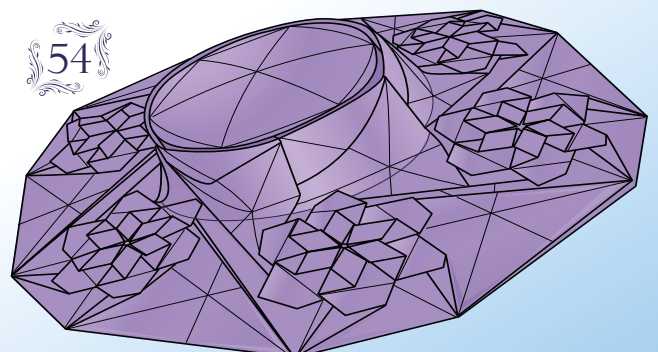
twist and expend the hexagon up

53



shape the model

54



Finished Model



