BB-8 Module 4 - (c) Martin Hunt 2016
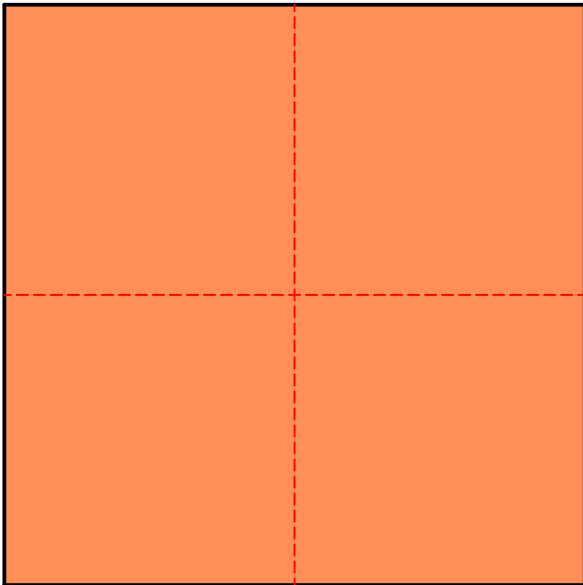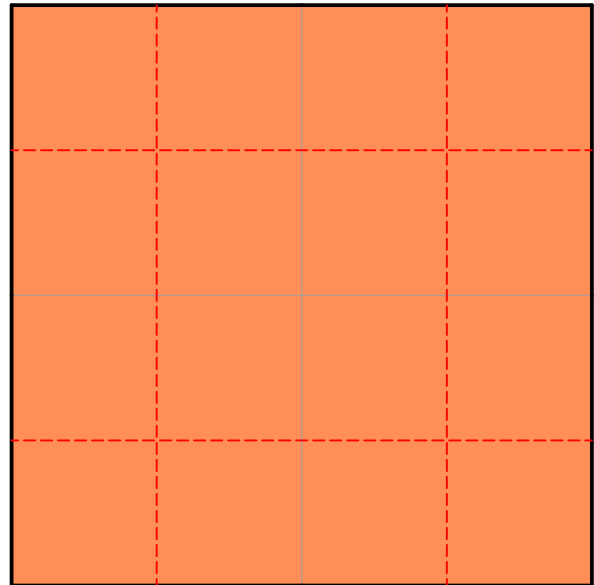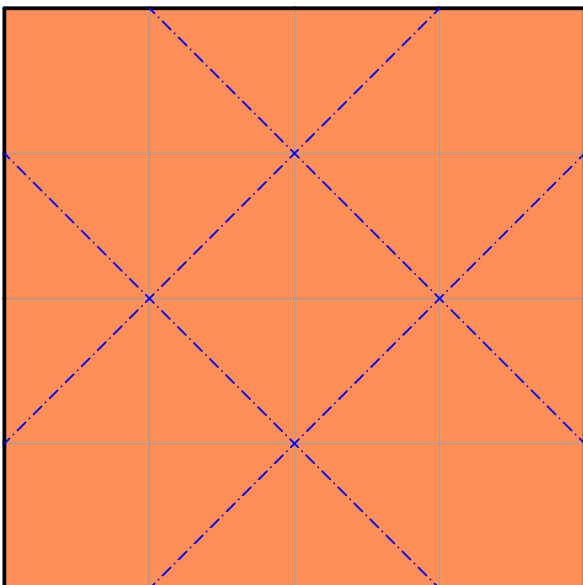
Folding time, approx. 20-30 mins
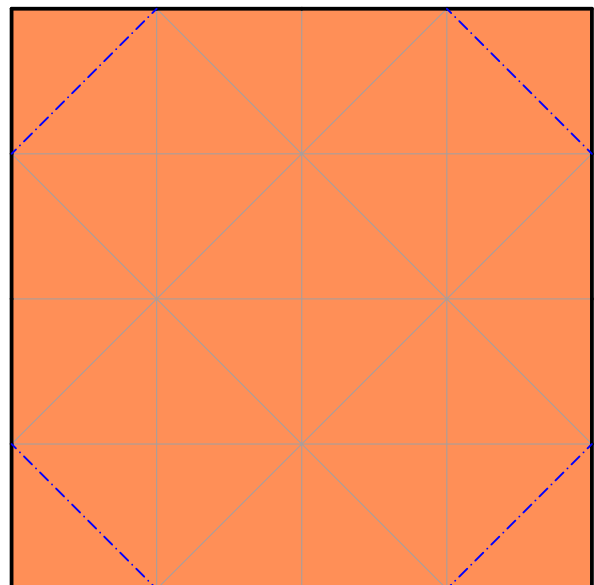
Start with a square, colour side up

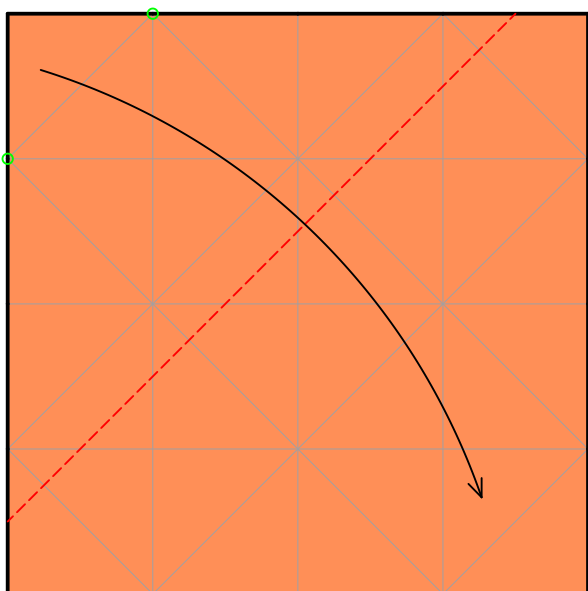1. Fold in half horizontally and vertically

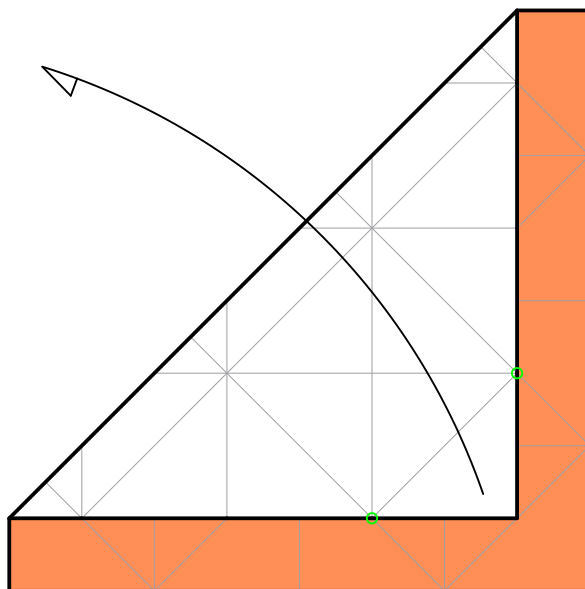2. Fold all four edges to the centre line and unfold
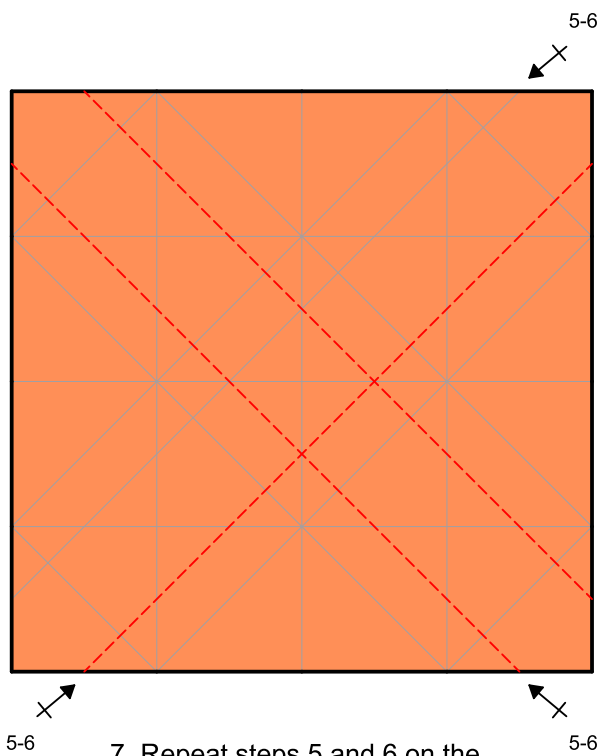
3. Mountain fold the marked diagonal creases

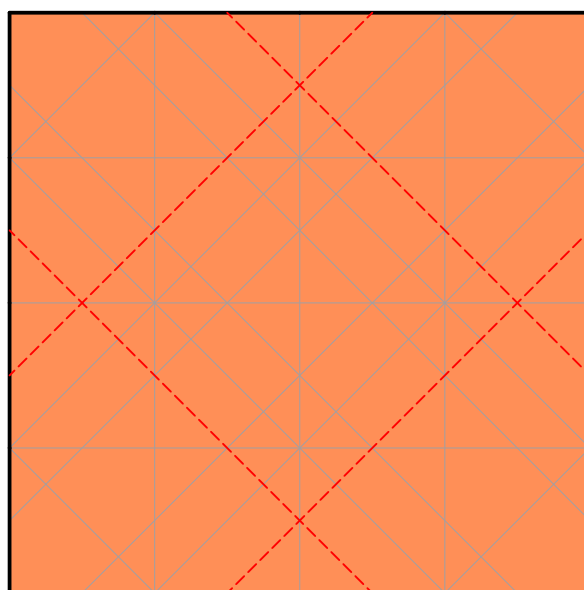4. Mountain fold the corners using the marked diagonal creases

5. Fold the top left corner to the crease
made in the previous step
ensuring that the marked intersections line with
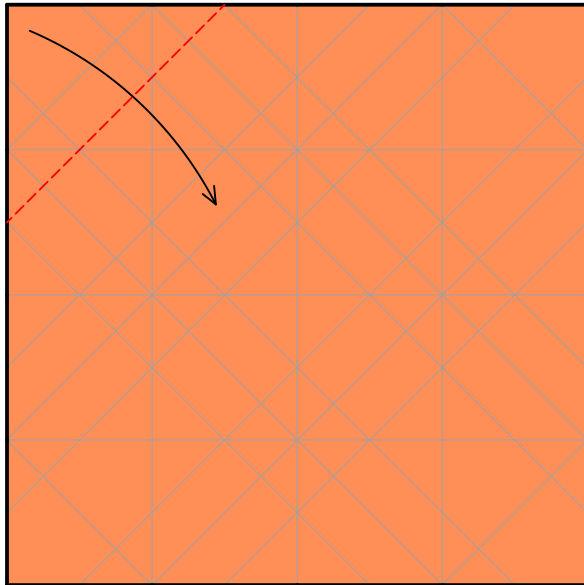the long diagonal creases from step 3

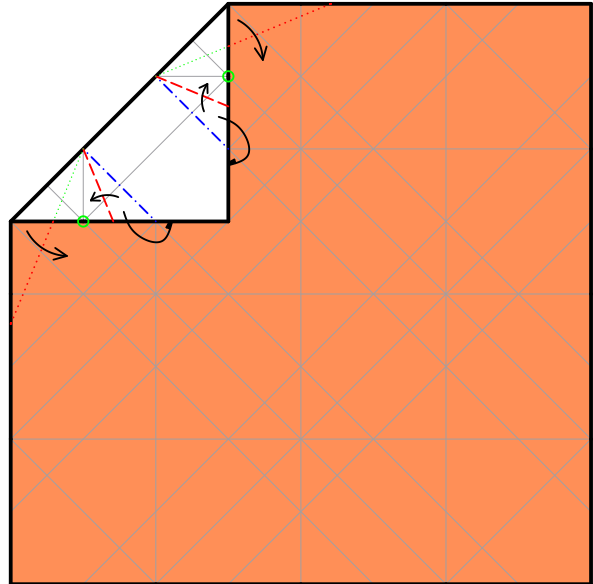6. Like so. Unfold to the previous step

5-6

5-6

5-6

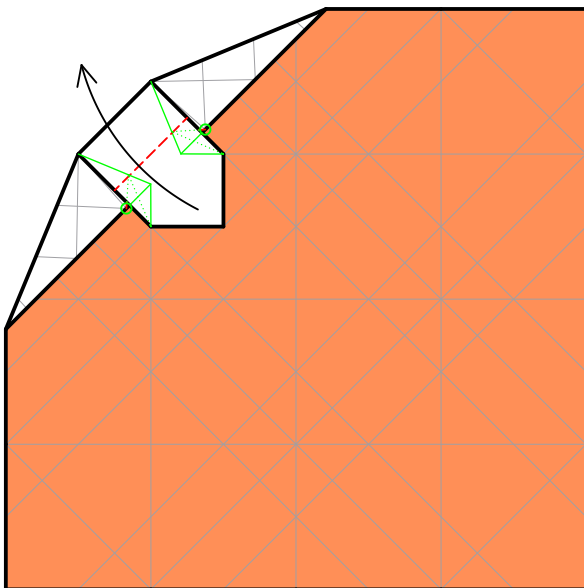7. Repeat steps 5 and 6 on the
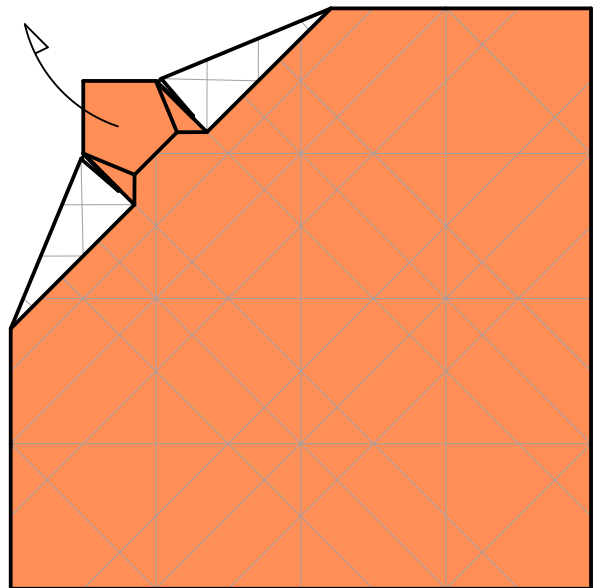three remaining corners

8. Fold the marked diagonal creases
in the same way

9. Fold the top left corner
where the creases from the previous step
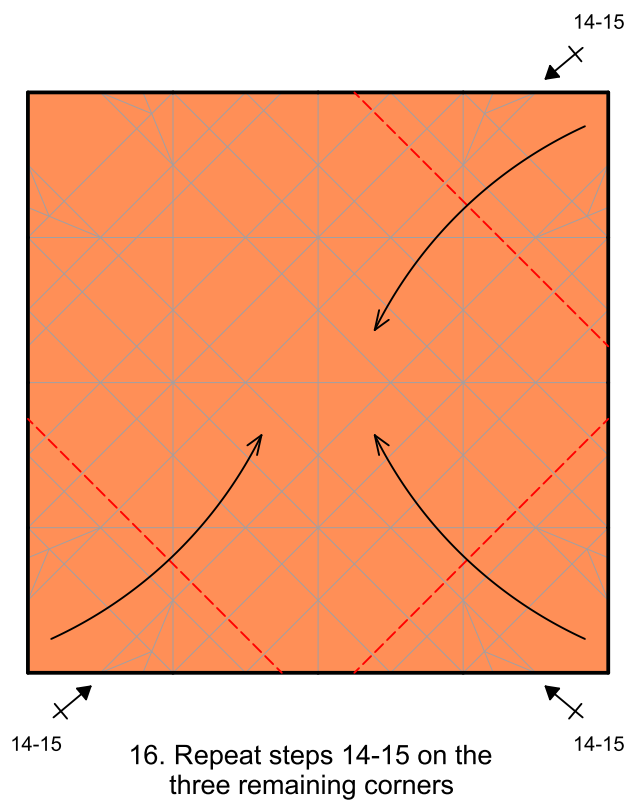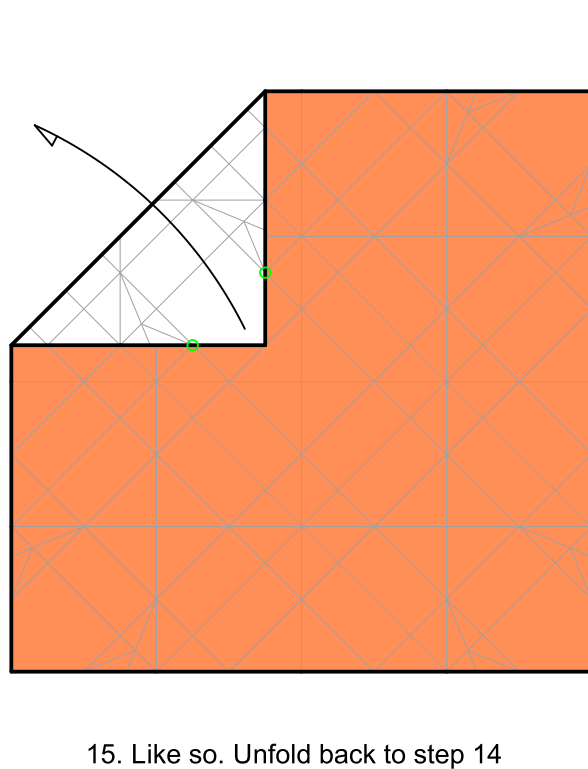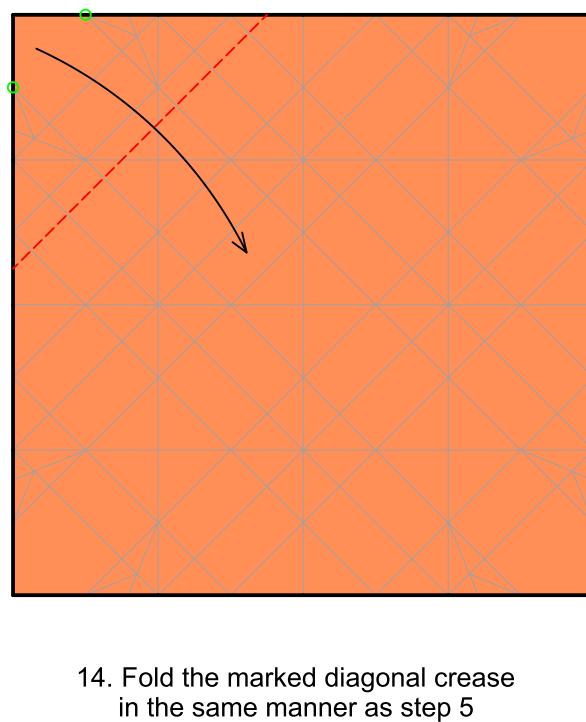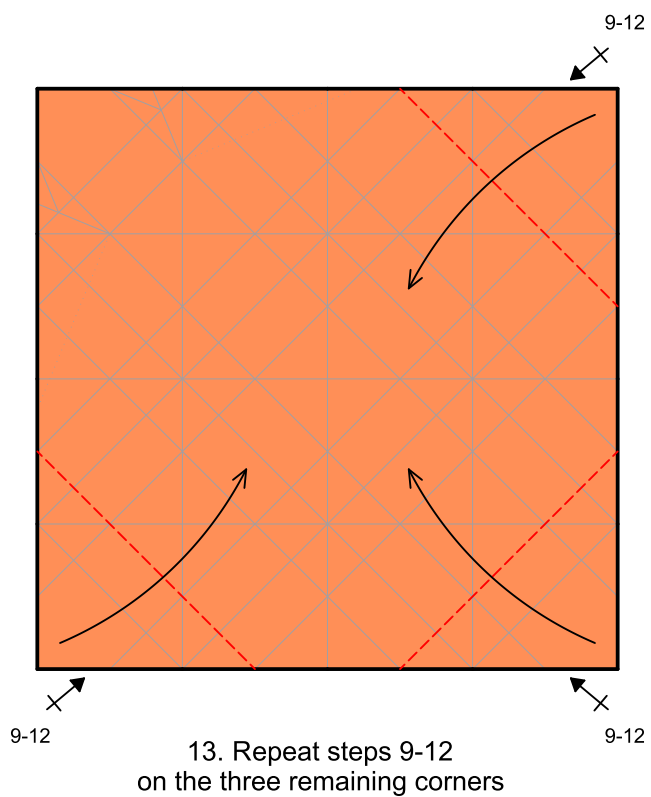intersect the edges

10. Swivel the edges of the flap underneath
to create the angle bisectors shown.
The mountains fold lie along existing creases.
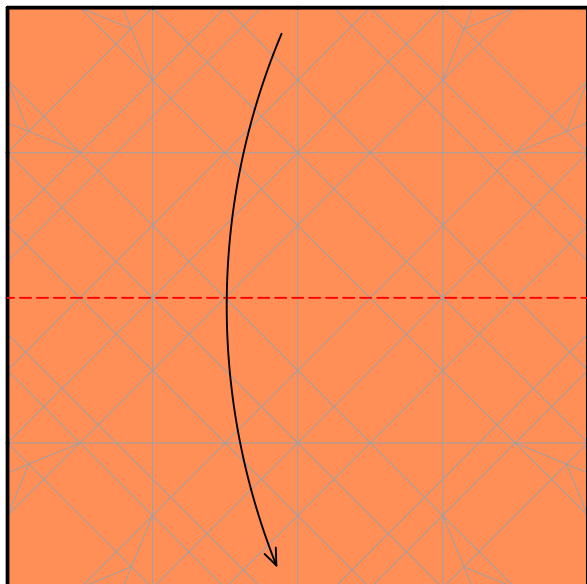Only crease the top flap firmly

11. Like so. Fold the tip of the flap out
along the existing crease,
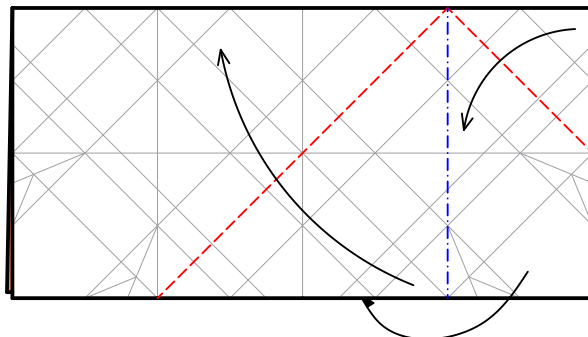forming the rabbit ears shown

12. Like so. Unfold back to step 9

9-12

9-12

13. Repeat steps 9-12 on the three remaining corners

14. Fold the marked diagonal crease in the same manner as step 5

15. Like so. Unfold back to step 14

14-15

14-15

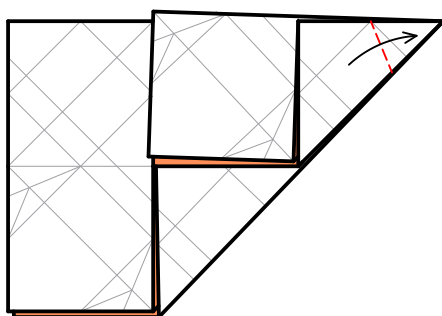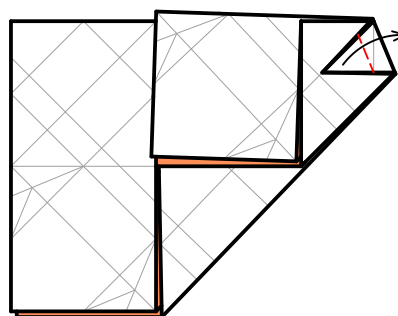**16. Repeat steps 14-15 on the three remaining corners**
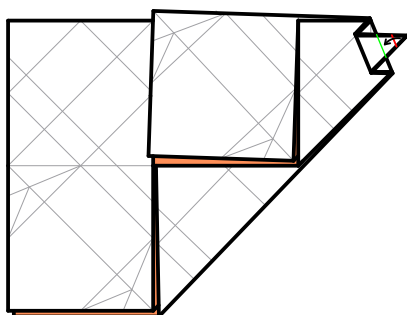
17. Fold in half horizontally

18. Pleat through both layers
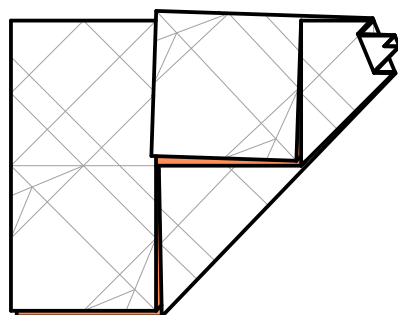along existing creases

19. Fold the tip so the top edge
lies along the diagonal crease.
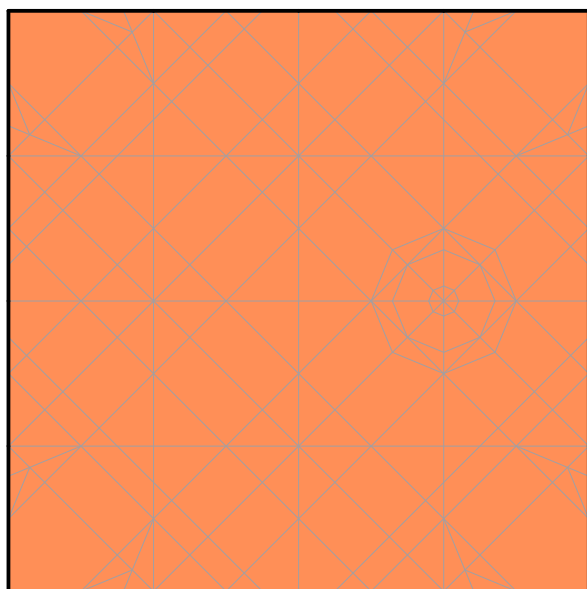Crease firmly through all layers

20. Fold back symmetrically where
the vertical crease meets the edge.
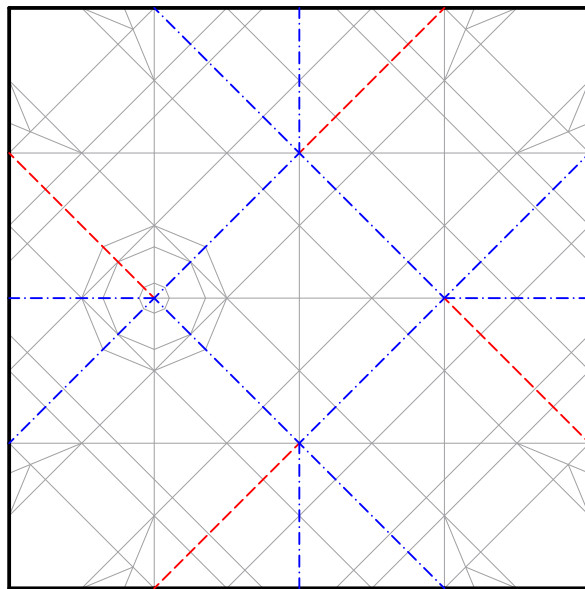Crease firmly through all layers

21. Fold the very tip so the point lines up
with the edge created in step 19.
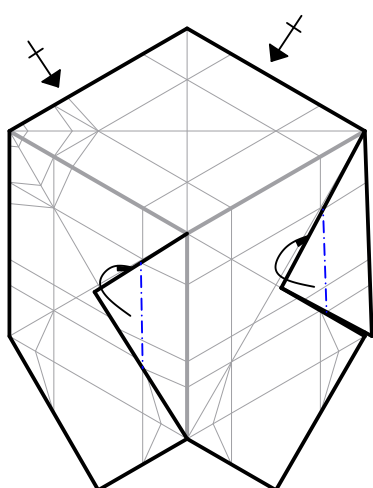Crease firmly through all layers
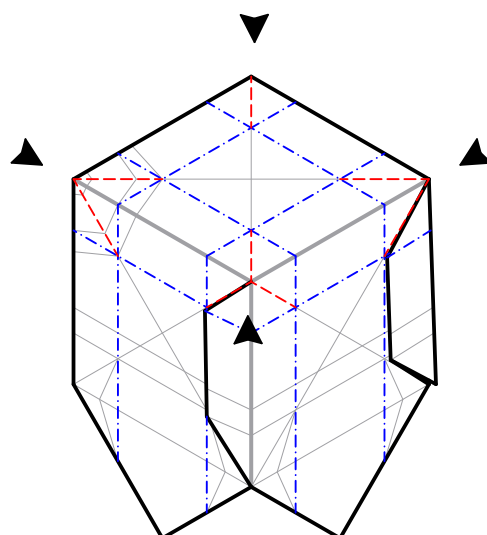

22. Unfold back to step 17
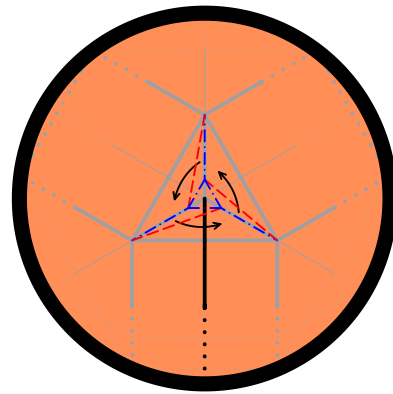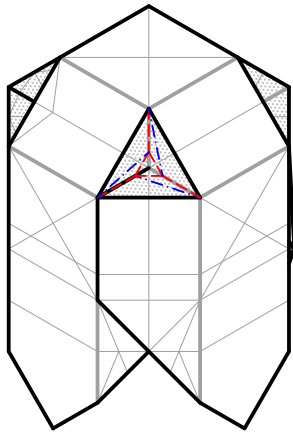
23. The precreasing is complete. Turn over.

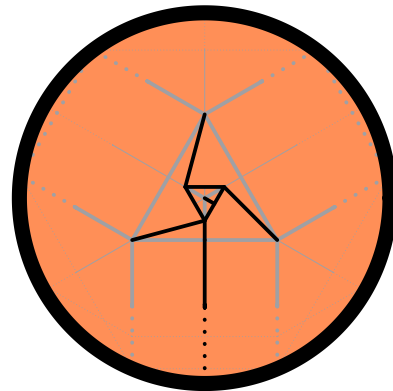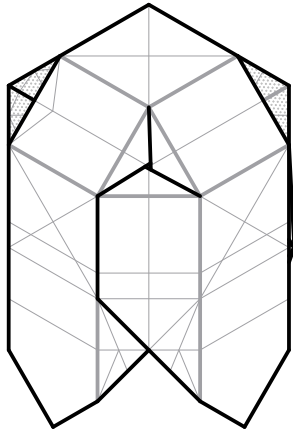24. Form a box using the marked creases

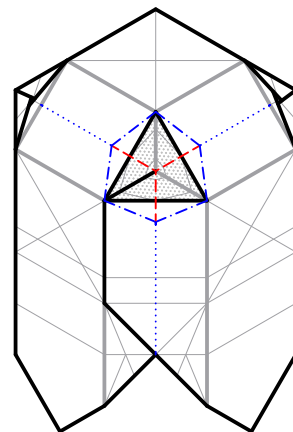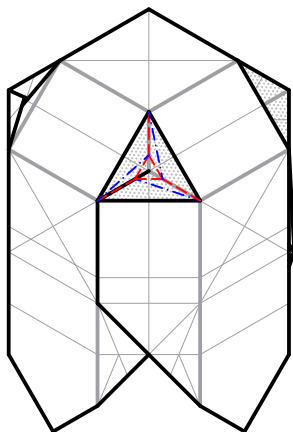25. Mountain fold half of each triangular flap underneath

26. Sink all four corners to create inverted pyramids. The box will now be octagonal in shape

27. Gently squash the pyramid from the inside by twisting it,
easing it flat from the corners.
A small pyramid should remain at the very centre.
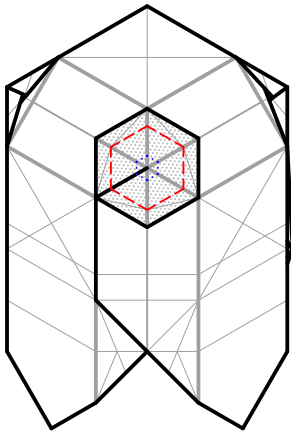Both exterior and interior views are shown

28. Like so.
The triangular face is now flush with all three adjacent edges.
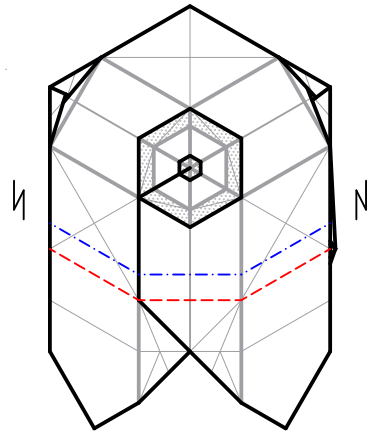Rotate the model 90 degrees clockwise
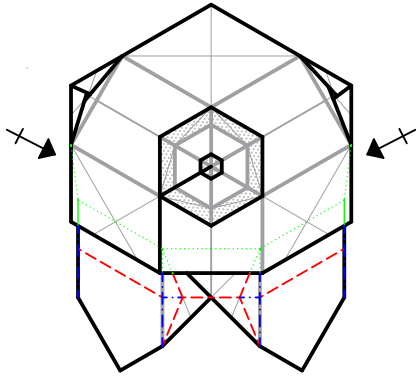
29. Repeat steps 27 and 28
on the next two corners

30. For the final corner, deform the pyramid
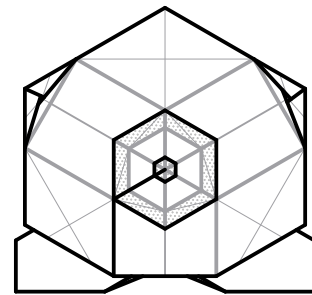into a hexagonal shape using the creases
made in step 19

31. Unsink the hexagonal pyramid along the creases made in step 20, and resink the very tip using the creases made in step 21

32. Pleat the lower half of the model inside along existing creases

33. Refold the tabs made in steps 9-13

34. Like so.
The unit is now complete

x1