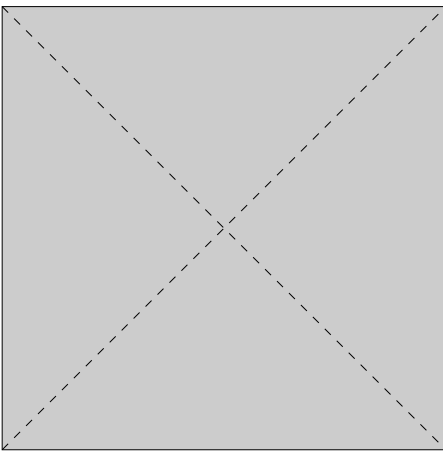


Carnotaurus

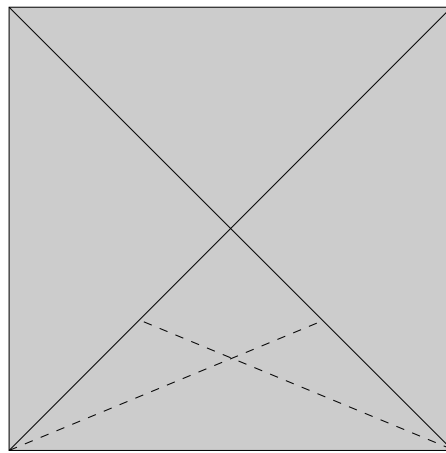
Model and diagrams : @Arnigami

Thickness <60gsm
Size >40cm

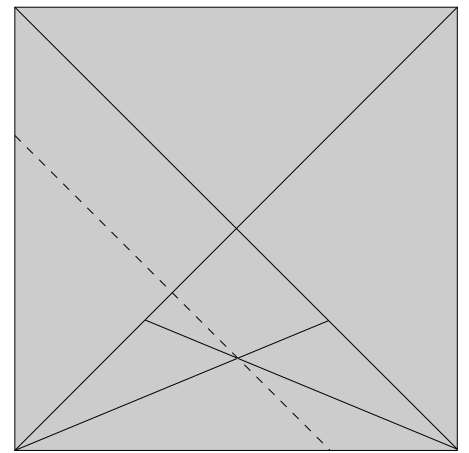
Find my work @arnigami on social media.



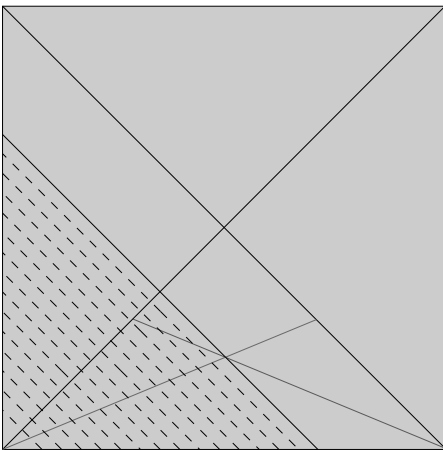
1. Coloured side up. Fold and unfold.



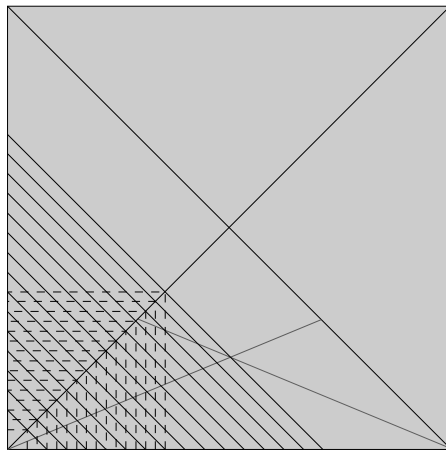
2. Crease on the angle bisectors.



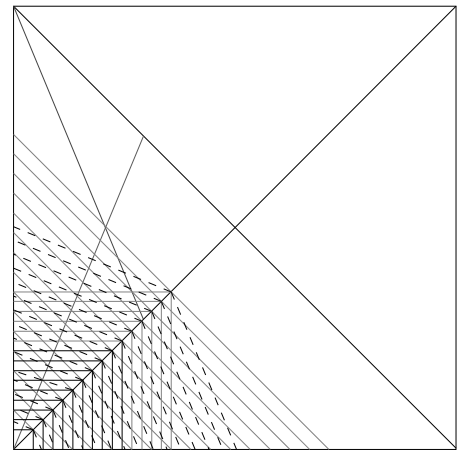
3. Fold and unfold, through the intersection point.



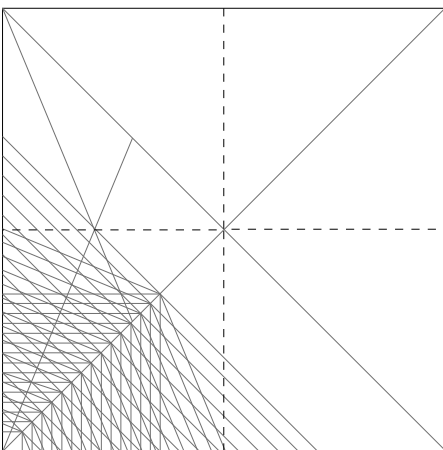
4. Crease, creating a grid of 16 (exempt the last line).



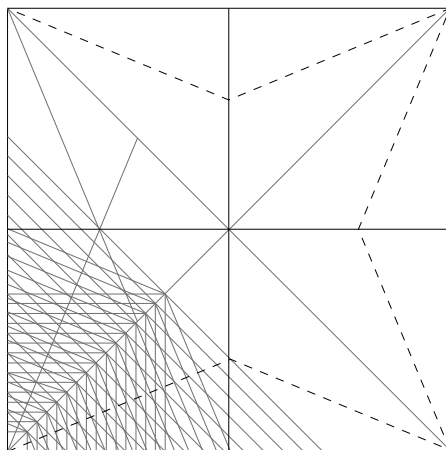
5. Precrease angle bisectors.



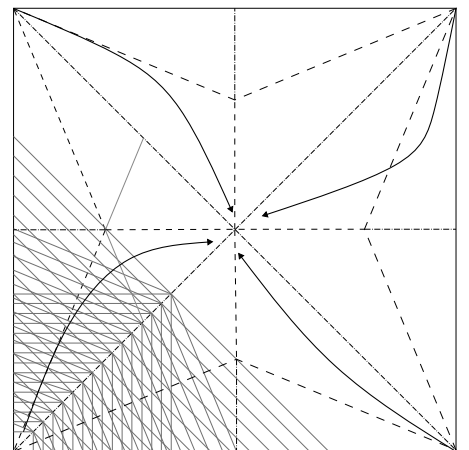
6. Turn over. Precrease on 22.5°.



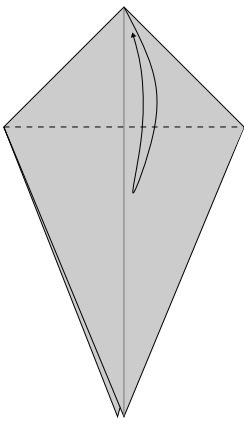
7. Fold in half and unfold.



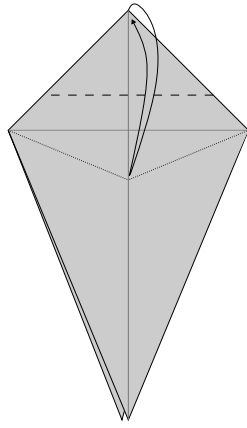
8. Precrease.



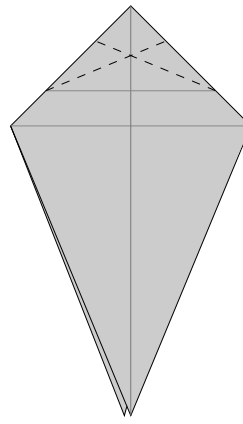
9. Collapse into the bird base.



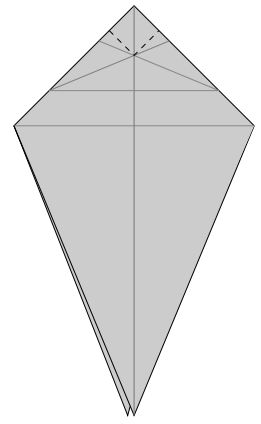
10. Fold and unfold, connecting the points.



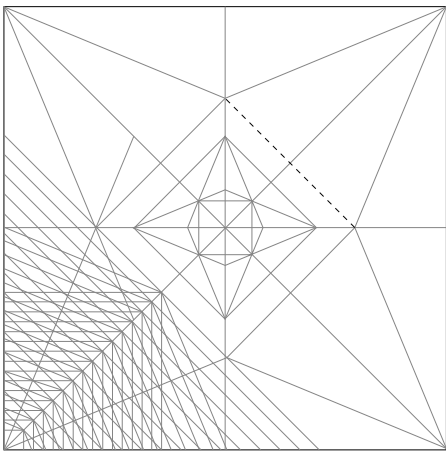
11. Fold to the point disclosed. Unfold.



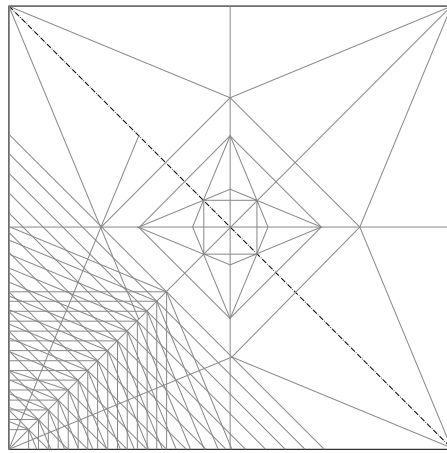
12. Crease, then unfold.



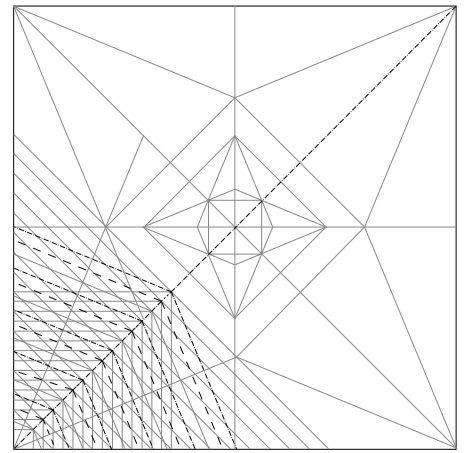
13. Pinch, creating creases. Unfold completely.



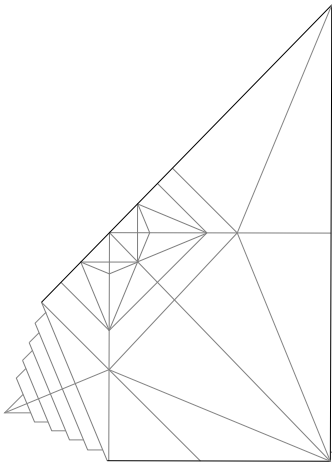
14. Reverse the crease.



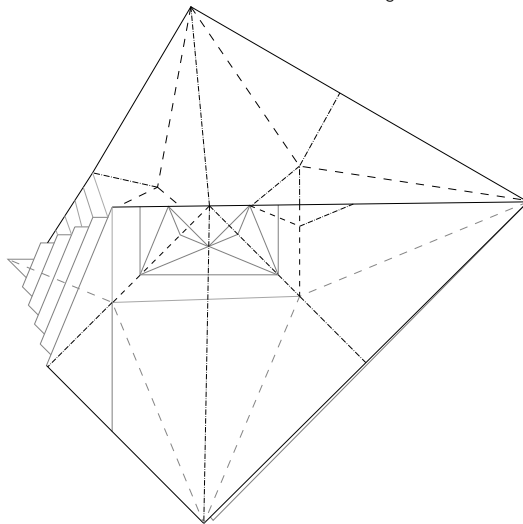
15. Reinforce the diagonal.



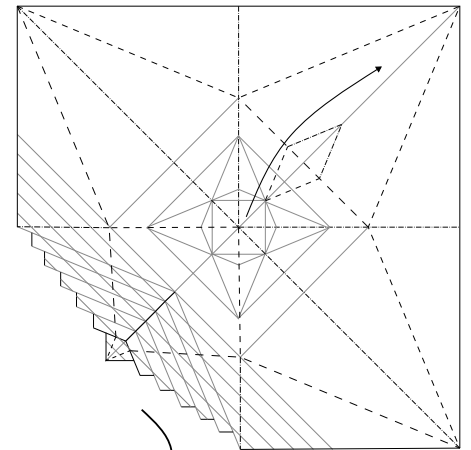
16. Create continuous inside-reverse folds and fold the diagonal over.



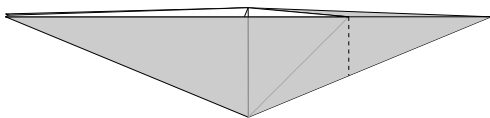
17. The result should look like this.



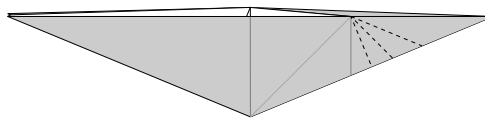
18. Refold the bird base, closed sinking the triangle in the centre. Given it will not lie flat, push a part of the diagonal down.



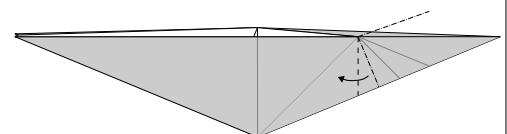
19. Alternate view.



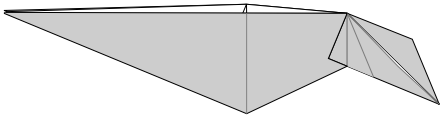
20. Rotate after folding over the mid-flap. The result. Crease on the suggestion.



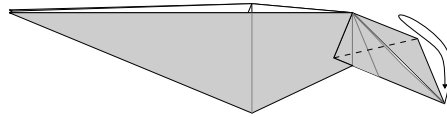
21. Perform a set of creases, each halving the previous.



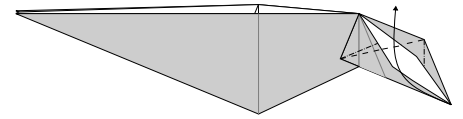
22. Swivel the flap over on the indicated lines.



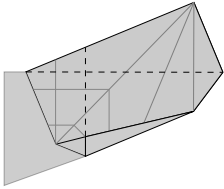
23. The result.



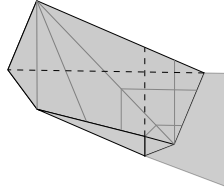
24. Fold up and unfold.



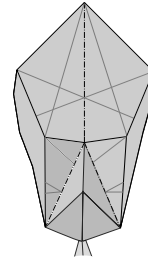
25. Squash, upwards.



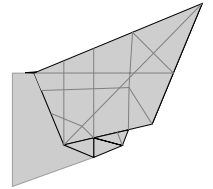
26. Fold and unfold.
We ignore the rest of the fold for the moment.



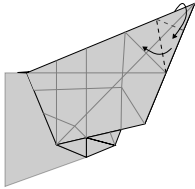
27. Unfold to 21. Turn over and repeat steps 22- 26 with the same flap.



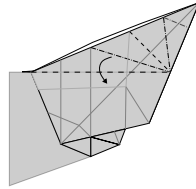
The view from underneath.



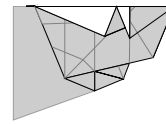
28. Combine the result on 26 and 27 to create a merged centre flap.



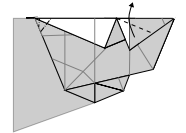
29. Valley fold and unfold as indicated.



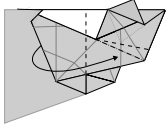
30. Swivel and inside- reverse fold.



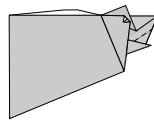
31. The result from 30.



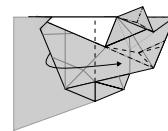
32. Fold the small flap inward.
Also flip the large flap upward.



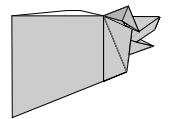
33. Repeat step 32 behind.
Swivel upwards as you close the flap over.



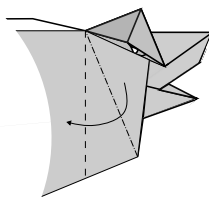
34. Mountain fold, then unfold to 33.



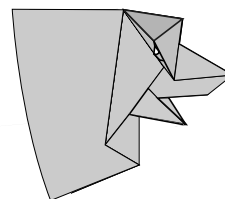
35. This complex manoeuvre requires a sink and
inside-reverse folds.



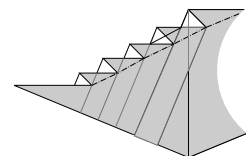
36. Tuck the tip under the horns.
The result.



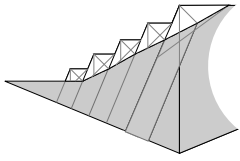
37. The other side should also look like this now. Swivel down the head.



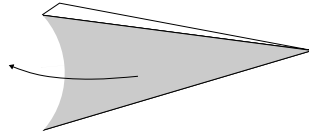
38. The result.



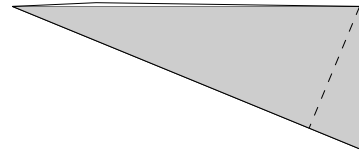
39. The tail must look like this.
Mountain folds all over.



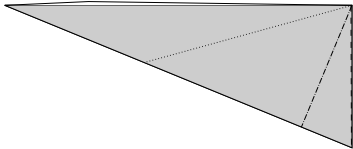
40. Repeat behind, the tail is complete.



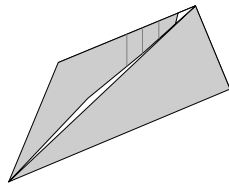
41. Push the middle flap back over to the tail.



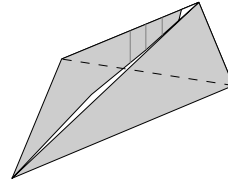
42. Fold over at 90°.



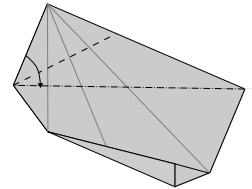
43. Swivel like on step 22.



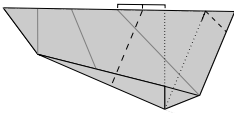
44. The result must look like this.



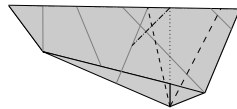
45. Fold up and unfold. Repeat step 25.



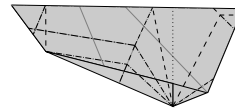
46. Push in flap into the pocket.



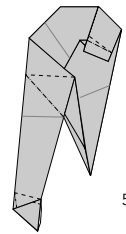
47. Use the midpoint and the 22.5° internal guideline to crease.



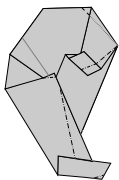
48. Crease and unfold.



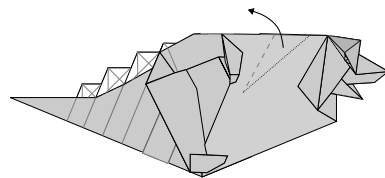
49. A complex inside- reverse fold set.



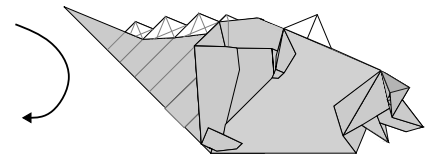
50. Pleats.



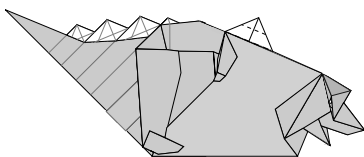
51. Swivel inward to thin the flaps. Repeat steps 39- 51 on the other side.



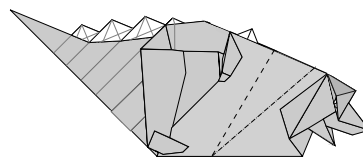
52. Back to the overview. Unsink the triangle that was close- sunk earlier, using the guidelines from step 12.



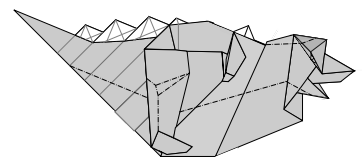
53. Rotate to achieve this view.



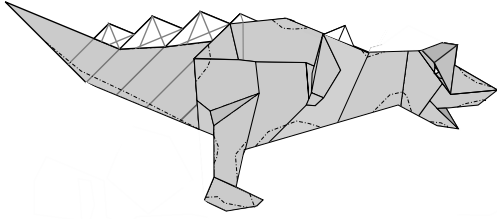
54. Inside- reverse fold the mid triangular flap inwards.



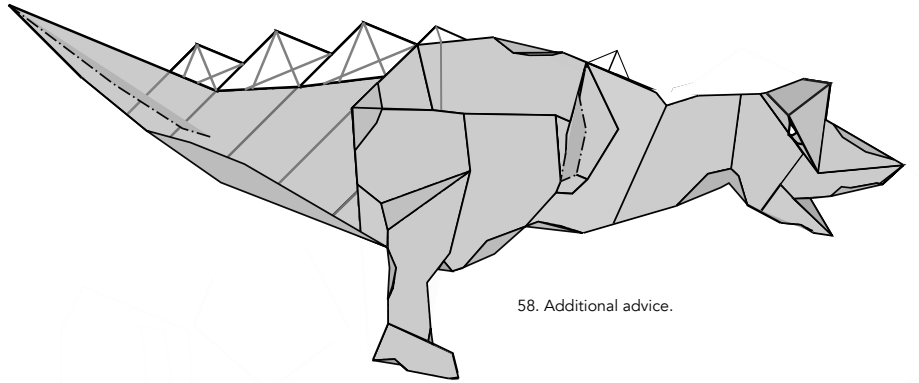
55. Pleat using inside- reverse folds.



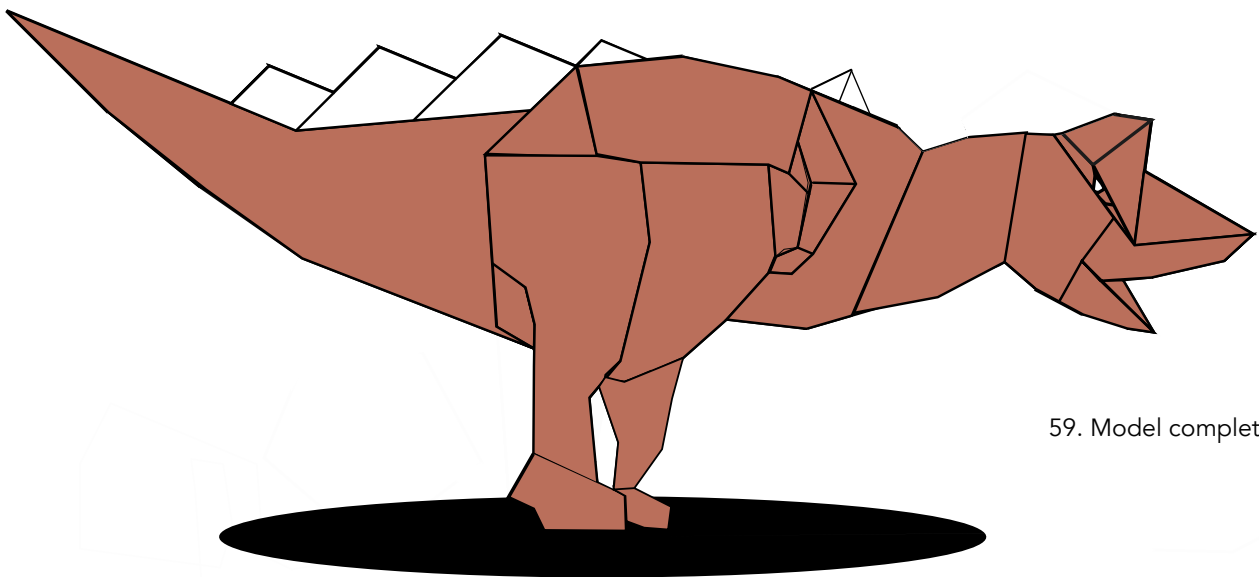
56. Fold inward to shape. Repeat behind.



57. Final shaping. Repeat behind as well.

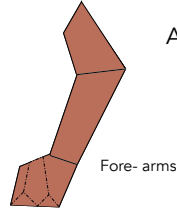
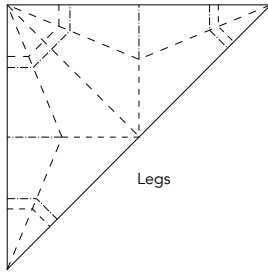


58. Additional advice.



59. Model complete.

A challenge for advanced folders

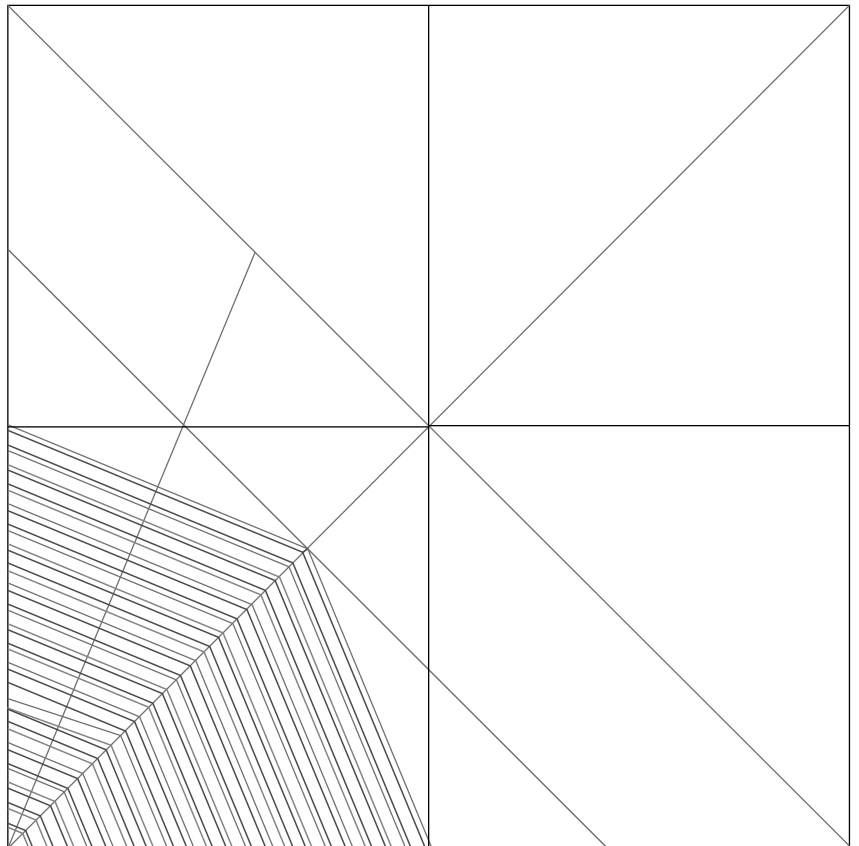


A. Try creating claws for the hands and individual toes using the given crease patterns!

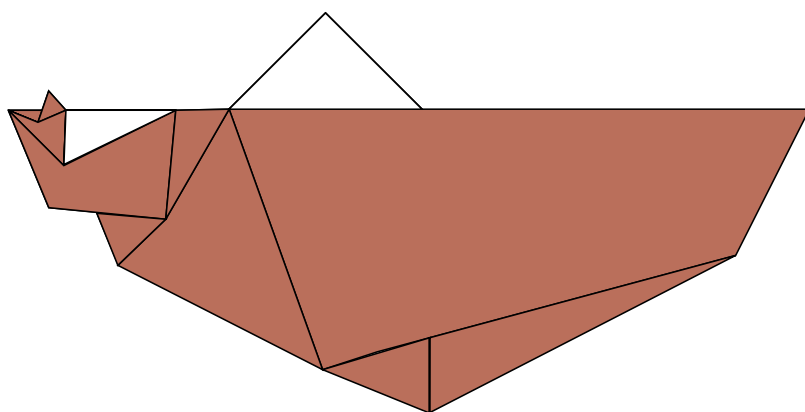
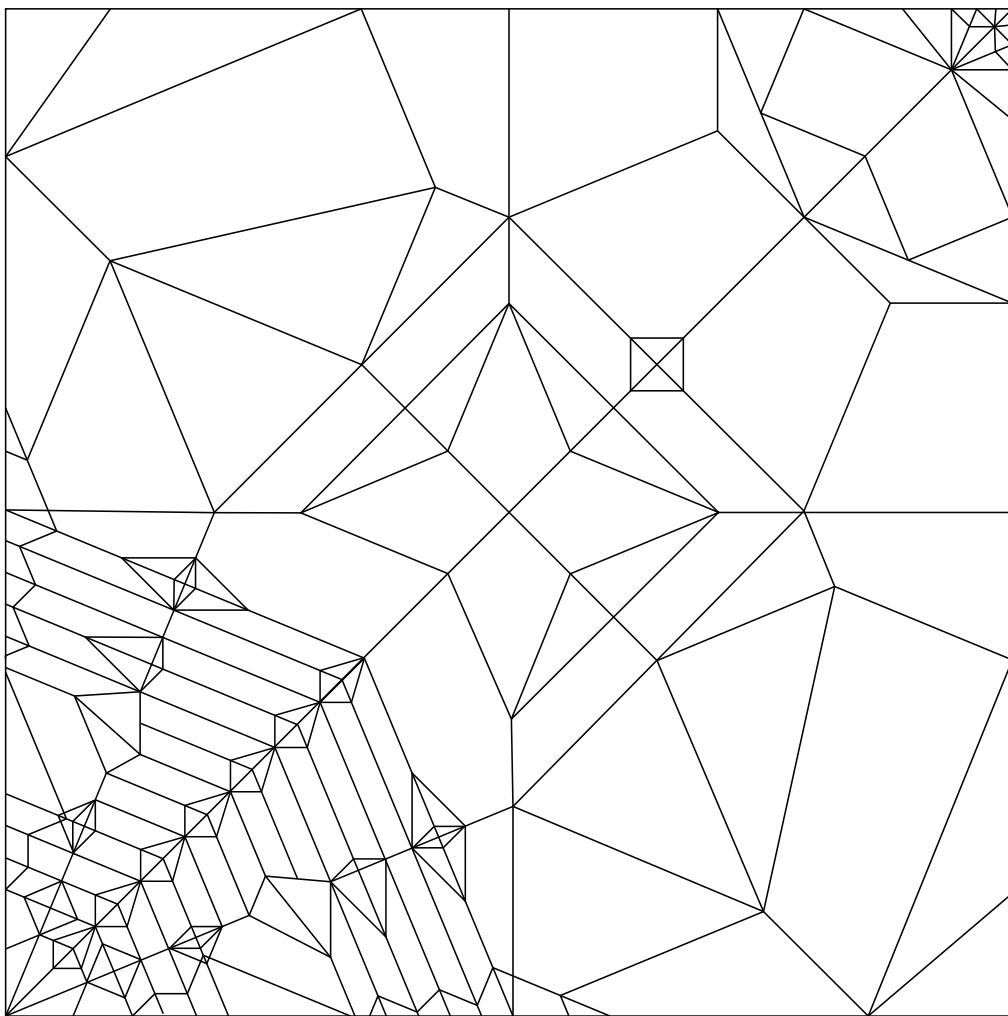
AND

B. Increase the number of spikes detailing the tail by a grid increase.

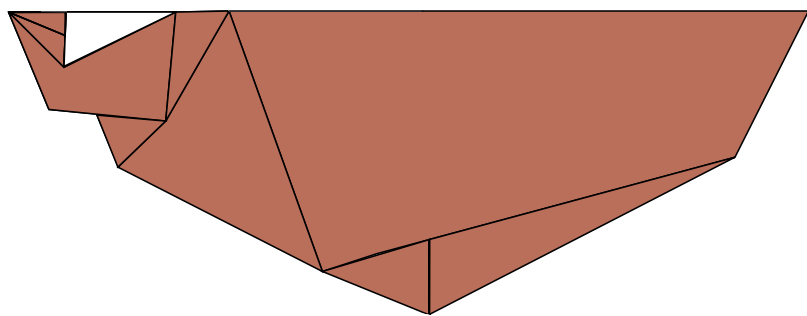
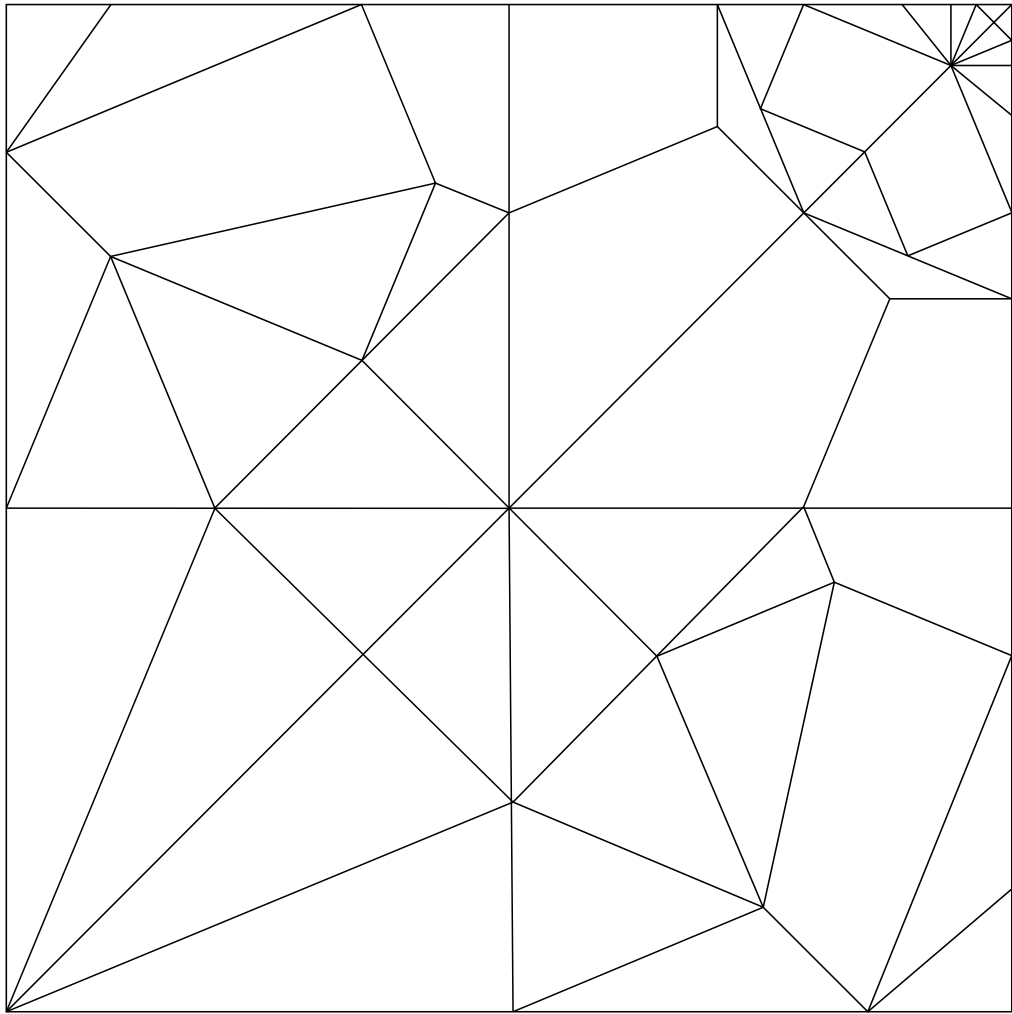
- Note:
- 16 grid = 5 spikes
 - 32 grid = 11 spikes
 - 48 grid = 16- 17 spikes
 - 64 grid = 22 spikes
 - ⋮
 - ⋮



In order to reduce unwanted creases on the final piece, precrease only the required MVs on the selected grid and create guidelines through pinches.



The renewed crease pattern and its collapsed base.
This allows minimal creases on the final output, as well as freedom to shape.



Simple version, omitted spikes.