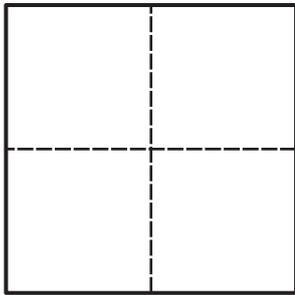


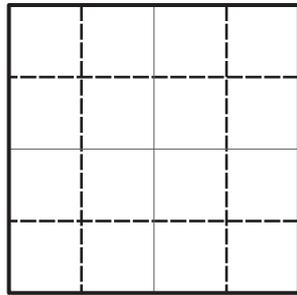
# Skeletal Octahedron

Created and diagrammed by Hubert Villeneuve - 2025

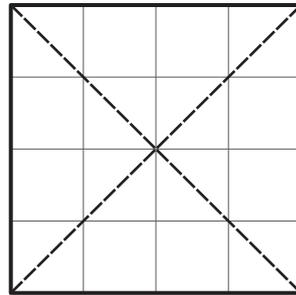
Recommended size: 20 x 20 cm



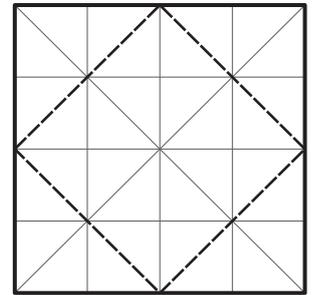
1. Begin with a square, color side down.



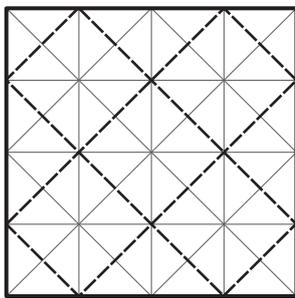
2.



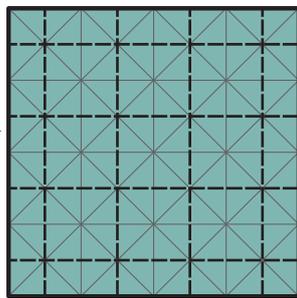
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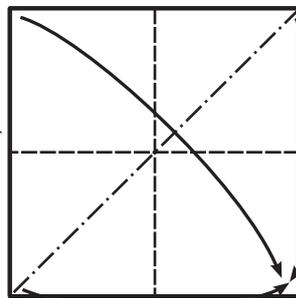
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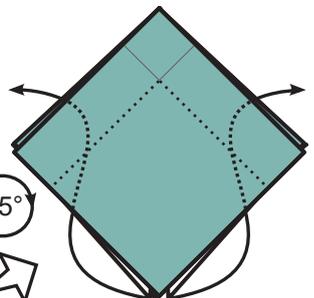
5.



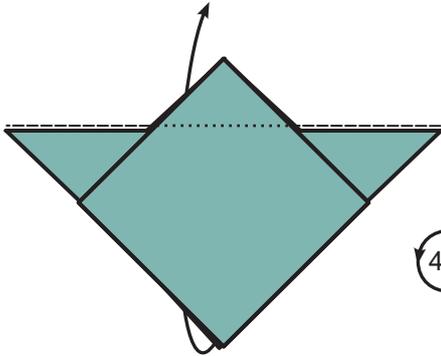
6.



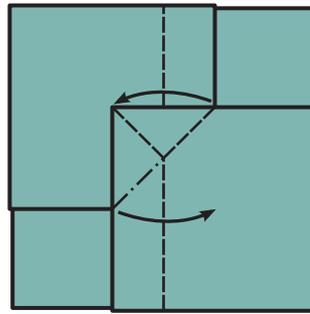
7. Preliminary base.



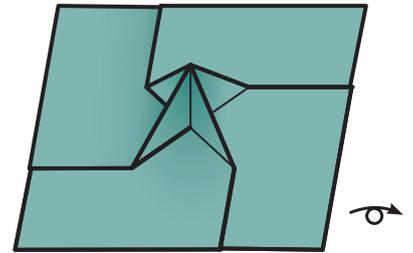
8. Inside reverse fold.



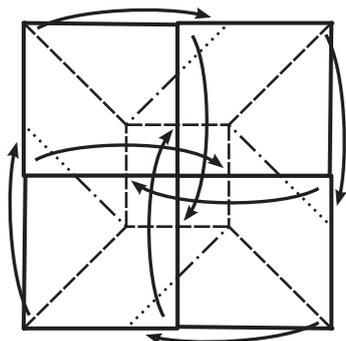
9.



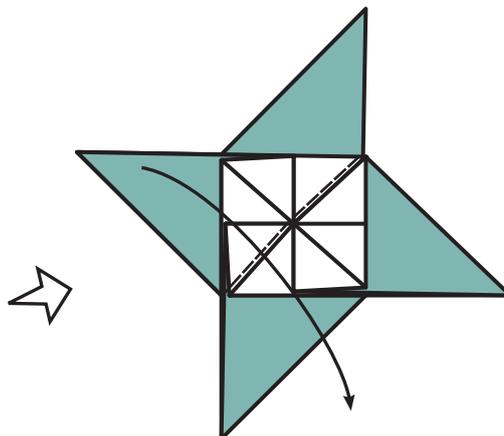
10. Swivel fold two pleats, which will bring the center flap upwards. The model will not lie flat anymore.



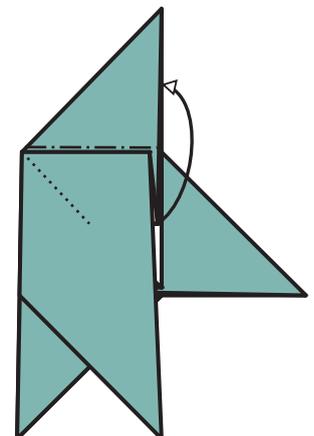
11. 3D view.



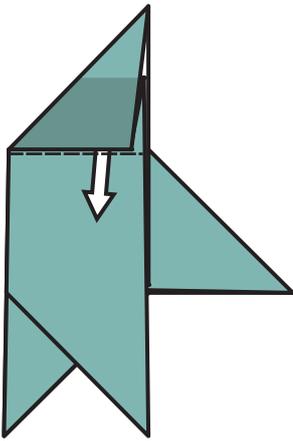
12. Swivel fold all corners similarly to a pinwheel.



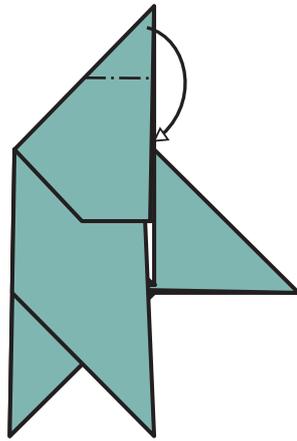
13.



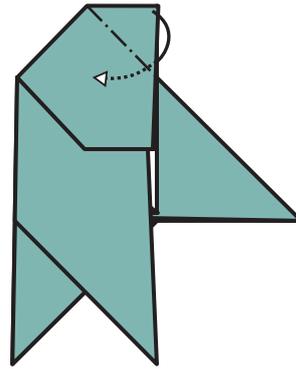
14. Swivel fold the hidden pleat inside the model.



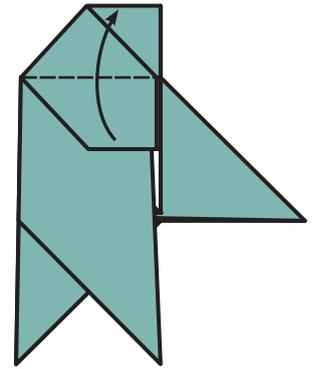
15. Pull the hidden pleat out (closed sink).



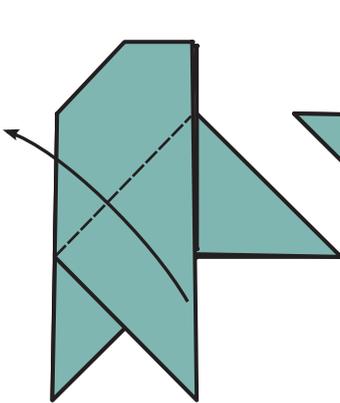
16. Inside reverse fold.



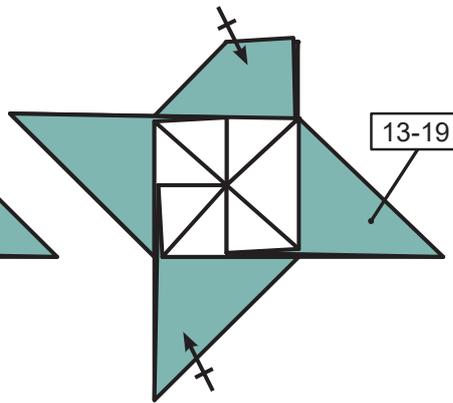
17. Inside reverse fold the top flap.



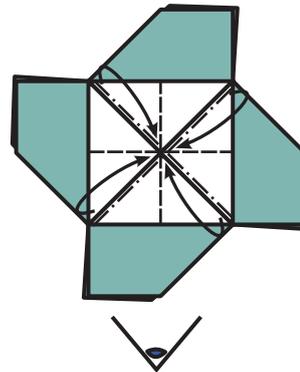
18.



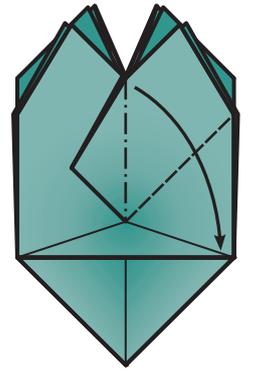
19. Unfold to step 13.



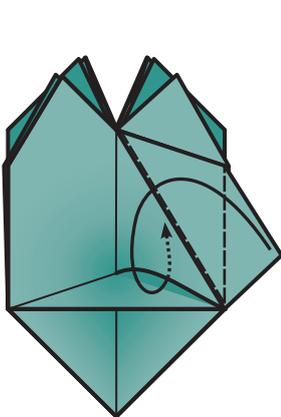
20. Repeat steps 13-19 on the other three flaps.



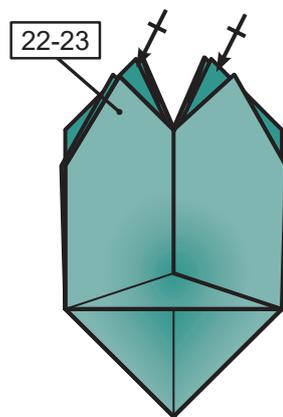
21. Bring the flaps up to the center, similarly to a preliminary base.



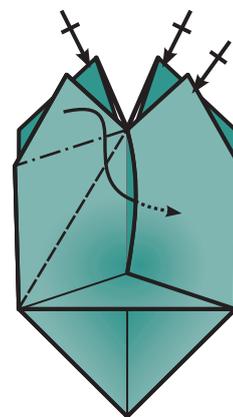
22. Swivel fold the front layer down.



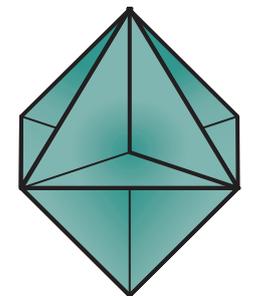
23. Tuck the flap inside the pocket.



24. Repeat steps 22-23 on the other flaps.



25. Tuck the flap inside the pocket. Repeat on the other flaps.



26. Finished skeletal octahedron.