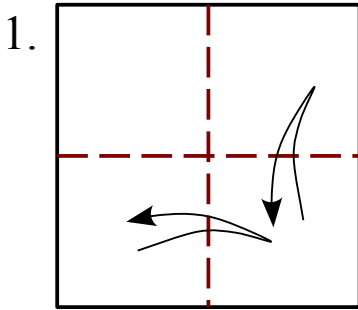
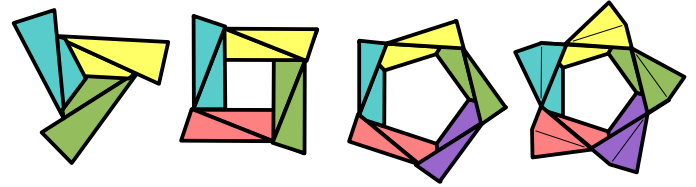


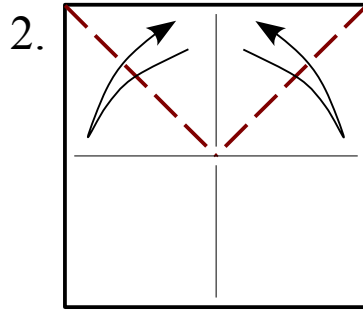
3-4-5 Unit

Recommended Paper: any 3" - 6" (7.5cm - 15cm) squares, but thicker is better for the pentagonal assembly.

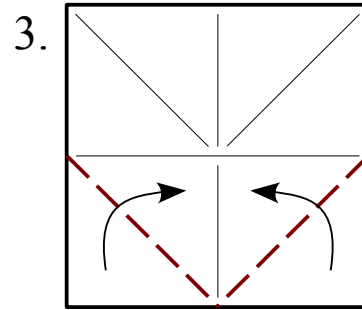
By Wensdy Whitehead



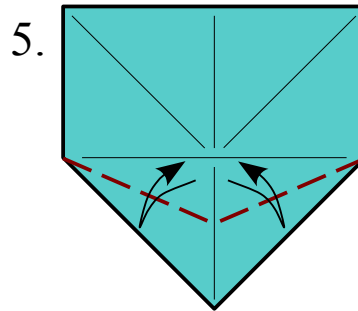
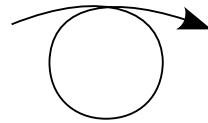
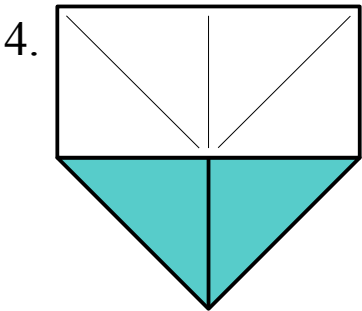
Pre-crease.



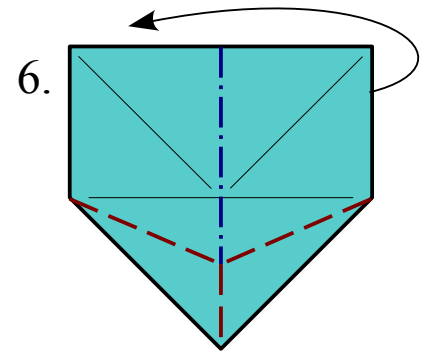
Pre-crease half of each diagonal.



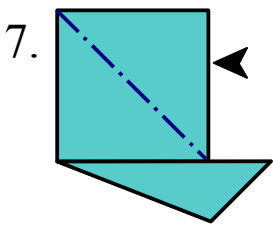
For the 3-piece spinning top only, change these to mountain folds to get a color-change in the center.



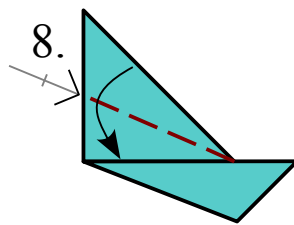
Pre-crease, bisecting the 45° angles (folded edge and crease line).



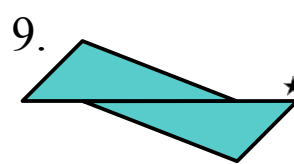
Collapse.



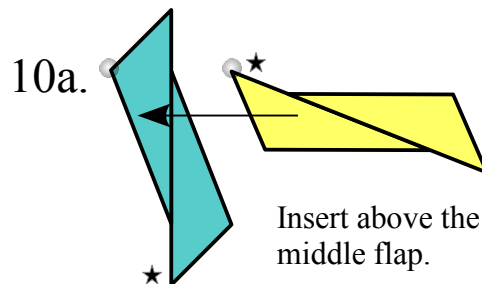
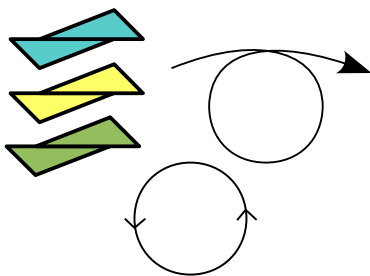
Inside-reverse fold.



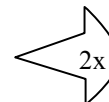
Repeat behind.

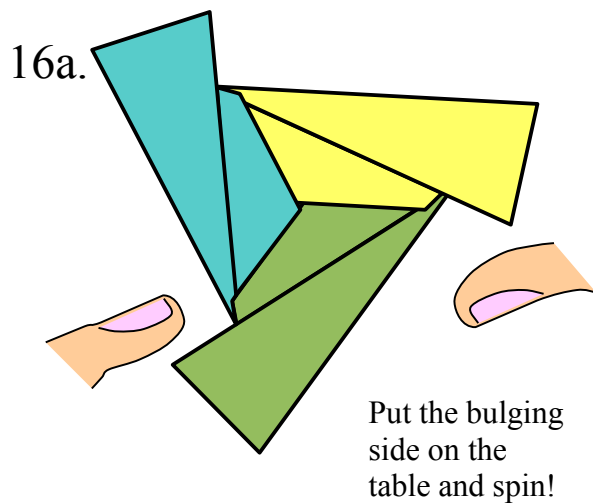
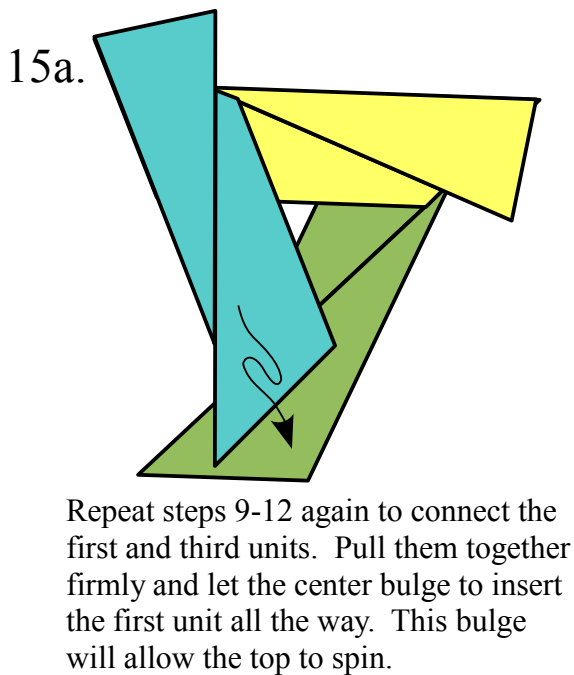
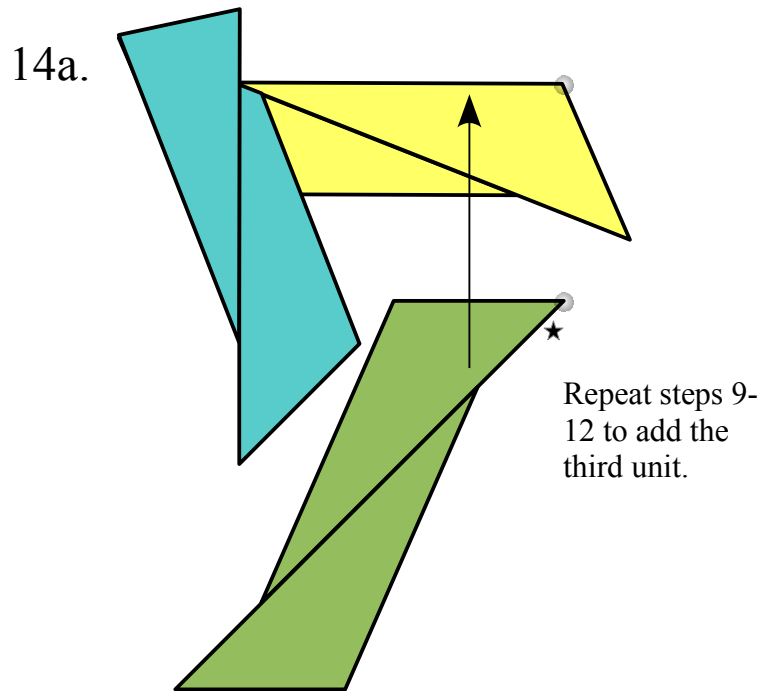
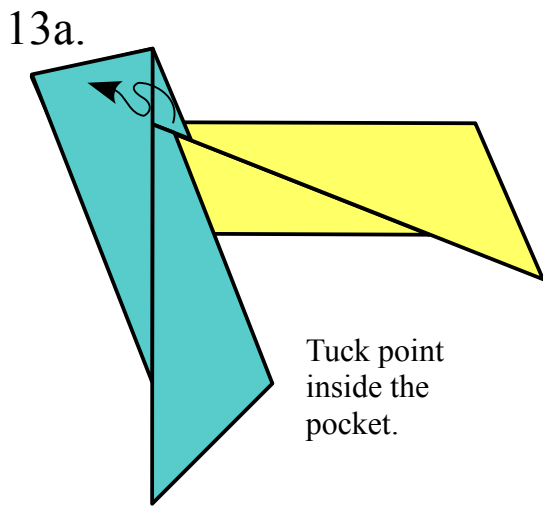
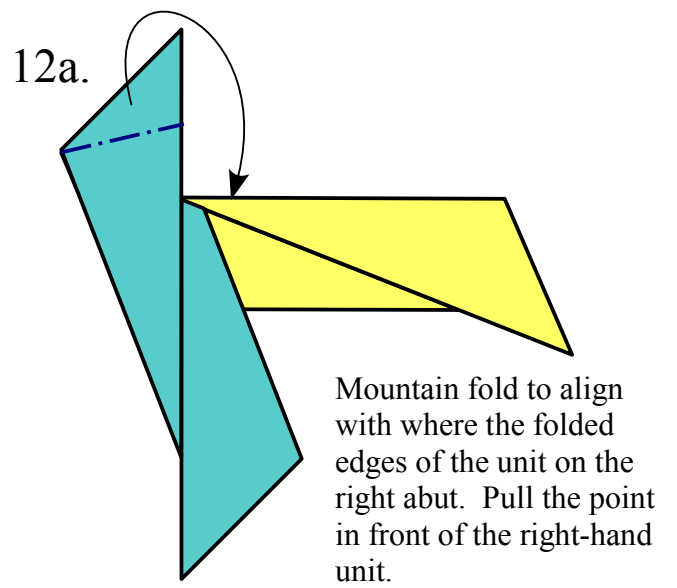
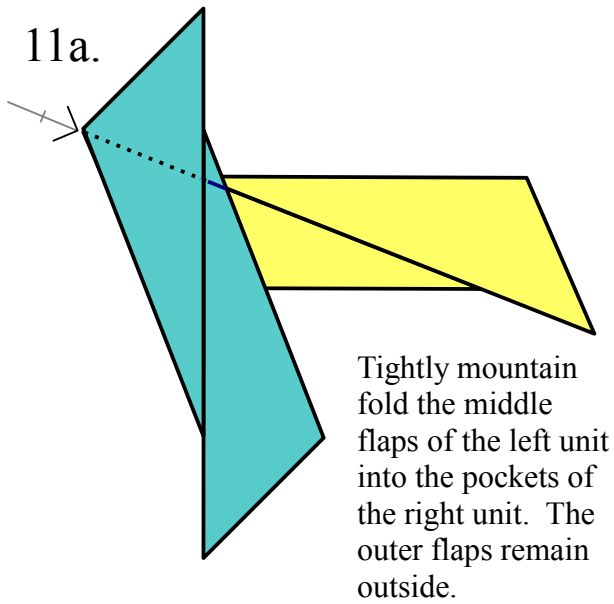


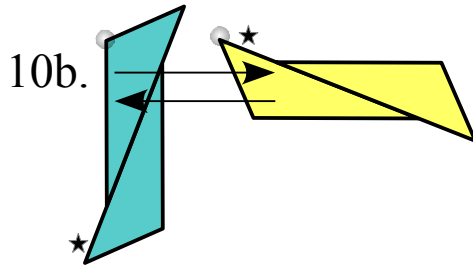
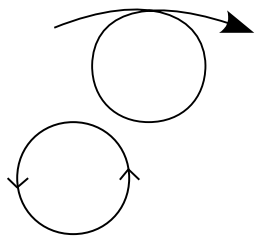
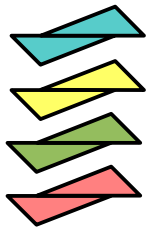
Finished unit. Fold 2, 3 or 4 more (total of 3, 4 or 5). The 3-unit option is a spinning top. The 4-unit version is a frame with a square opening a generous 1/4 the size of the original paper for each unit. It will hold a similar model from paper half the size. The 5-unit option makes a pentagon, but holds itself together more loosely.



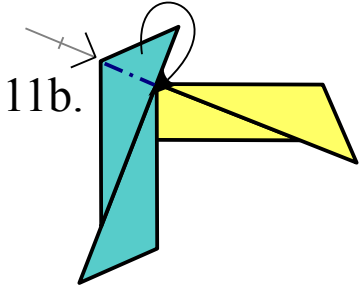
Insert above the middle flap.



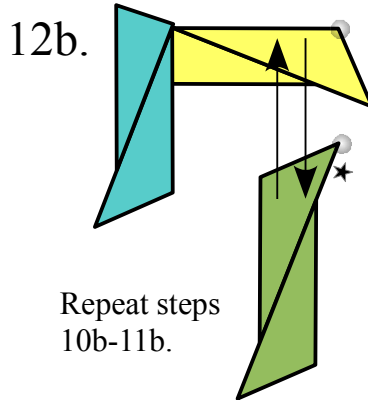




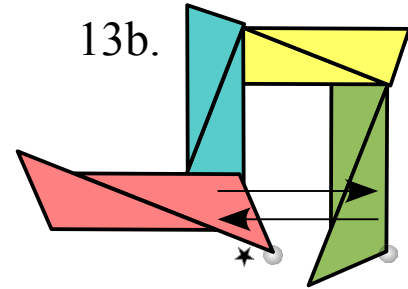
The right-hand unit goes into the middle of the left-hand unit while the middle flap of the left-hand unit goes into one of the pockets on the end of the right-hand unit.



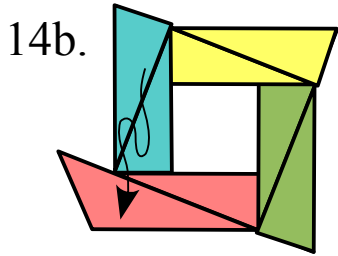
Tightly mountain fold into the right unit. Repeat behind.



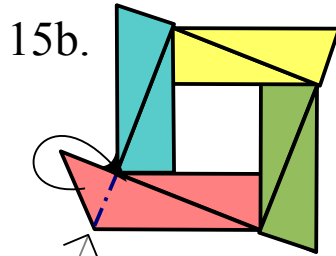
Repeat steps 10b-11b.



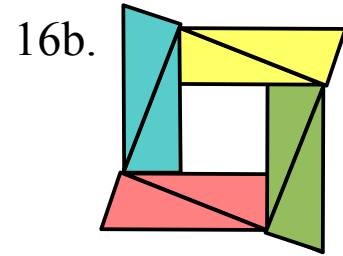
Repeat steps 10b-11b.



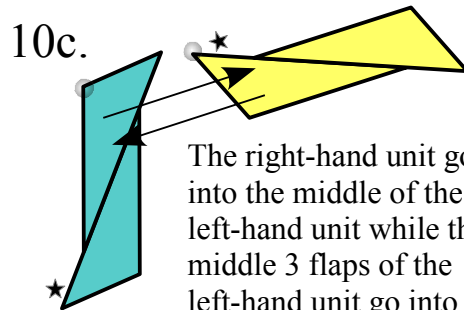
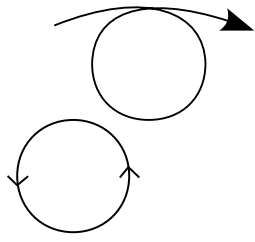
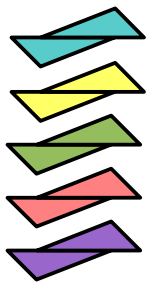
Insert the first unit into the fourth, so they are ready to lock like the other corners.



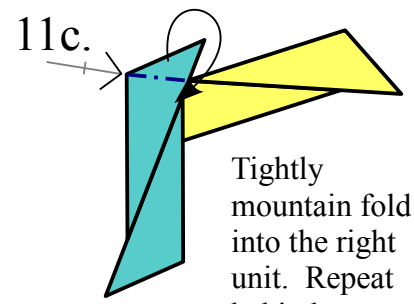
As in step 11b, tightly mountain fold into the first unit. Repeat behind.



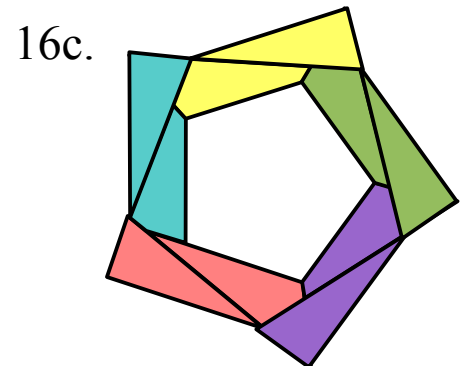
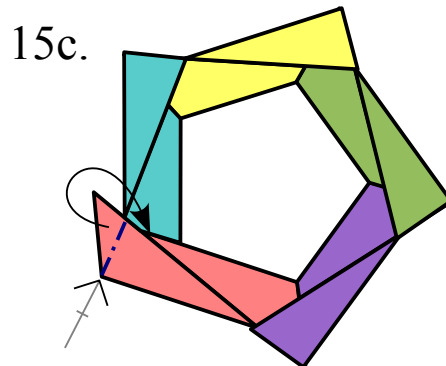
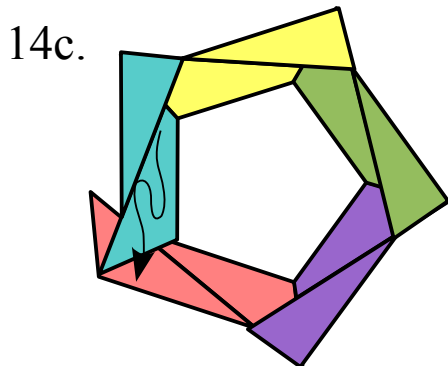
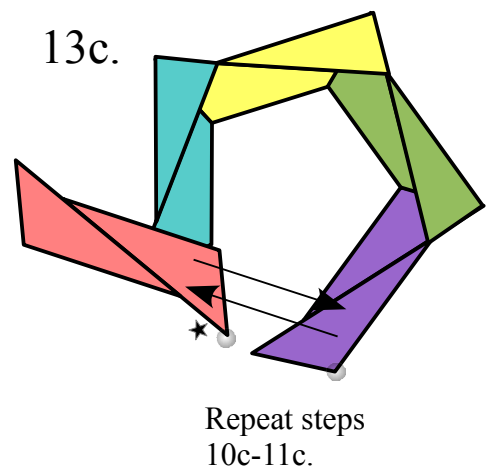
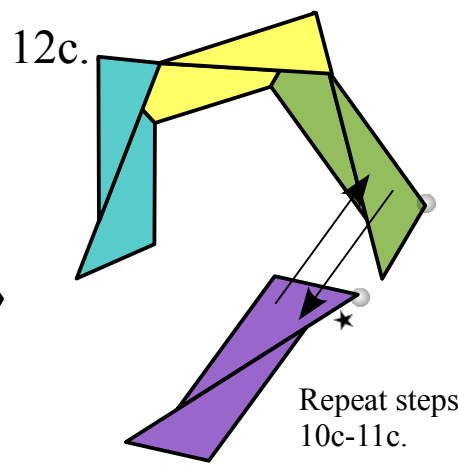
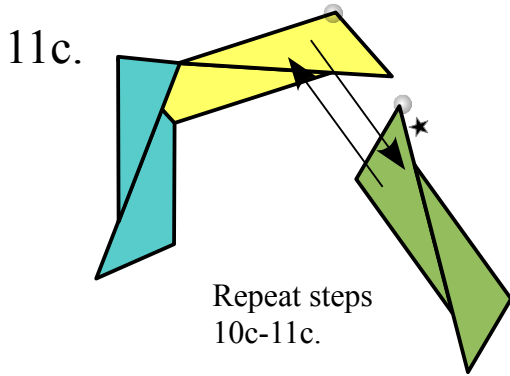
Done!



The right-hand unit goes into the middle of the left-hand unit while the middle 3 flaps of the left-hand unit go into the pockets on the end of the right-hand unit.

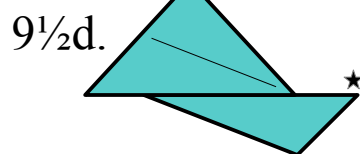
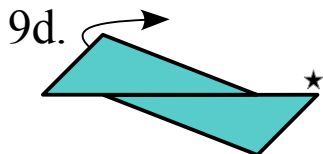


Tightly mountain fold into the right unit. Repeat behind.



Variation

In the pentagon assembly method, the middle flap plays no role, so it can be pulled out first without interfering with the assembly method.



Pull out the middle layer. Clever fingers can let it flip out while folding the previous step and avoid the visible crease line.

Fold 5 and assemble as in steps 10c-16c.

