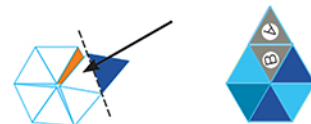
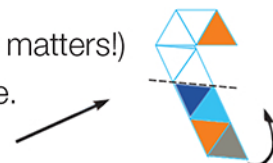


2017 National Math Festival: Trihexaflexagon Print & Play Puzzle

What you need: Scissors, glue, and this page printed out on a piece of 8.5"x11" (letter size) paper.

Instructions:

1. Cut out the shape out inside of the thick black outlines.
2. Fold the shape in half ("hot dog style") so that there is a single line of triangles on each side.
3. Use a glue stick or tape on the inside unprinted area to hold the puzzle together.
4. Orient the puzzle so that "A" and "B" are on the reverse side.
5. Fold at the **green star**. (Make sure to fold carefully on the lines - precision matters!)
6. Fold the puzzle as shown so that the left side goes BEHIND the right side.
7. Fold the bottom part of the strip as shown AWAY and UP.
8. Tuck the white face in front of the orange face - the front of the design should now have all white pieces showing, and one blue tab sticking out!
9. Fold the blue tab away from you. It has "A" on the back.
10. Glue or tape "A" to "B", and you have a trihexaflexagon!



Did it work? Show us your results!

Share a picture with [@natmathfestival](#) using the hashtag #wemath on Twitter or Instagram.

