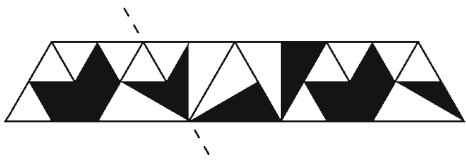
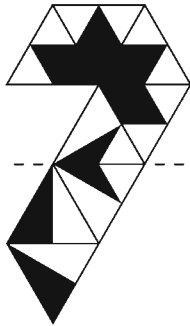


KALEIDOSCOPE TRI-HEXA-FLEXAGON

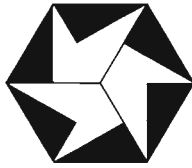
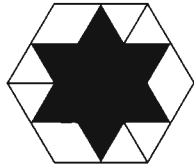
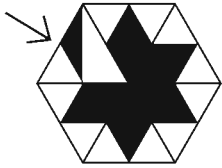
Cut out the strip at the right. Crease firmly both ways along all fold lines. Align as pictured below. Fold the right end forward along the broken line.



Fold the lower end forward along the broken line.



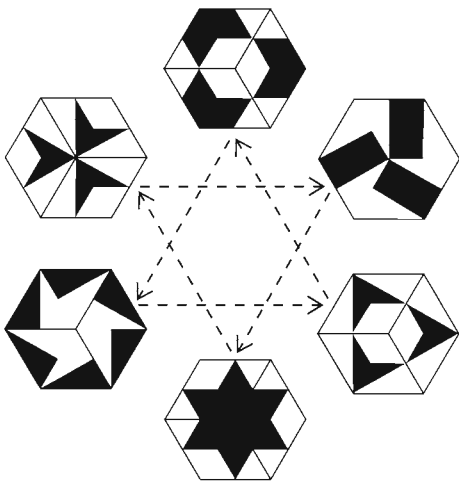
Slip the end triangle underneath completing the symmetrical pattern, then tape the ends of the strip together.



Front

Back

This tri-hexa-flexagon has six faces, each of which shows a different pattern. The challenge is to flex smoothly, in sequence, through all the faces. Use the "pinch flex" motion of the hexa-hexa-flexagon. The flexagon will cycle through two different sets of faces depending on which side is uppermost when you start.



You can flex between these two cycles without appearing to turn the flexagon over. Pull the corners marked A towards the front corner marked B and flatten the side triangles. You will find that the flexagon opens at the top, revealing a pattern from the other cycle. By combining this move with the pinch flex, you can flex quickly through all the faces and confuse any observer!

