



3-D

Hexaflexagon

1. Print out the template on stiff paper. For a larger hexaflexagon, enlarge this pattern in a copy machine.

2. Cut along the outside of the figure.

3. Fold along each line.

4. Carefully form the paper into a doughnut shape (some of the triangles are folded under an opposing triangle - marked with dots).

5. Glue or tape the figure together - match the dots to see which flap goes under which triangle. Tape (or glue) the middle sections first, then glue the end to the other end.

6. Now you can carefully "flex" the hexaflexagon, exposing the four sides.

NOTE: Make sure all the cuts and folds are exact (or the hexaflexagon will not flex).

