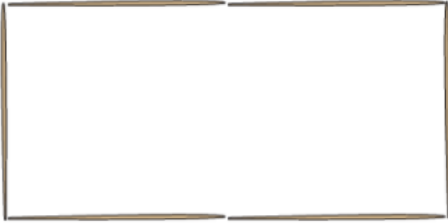


Toothpick Polygons

Supplies: 20 toothpicks and a pencil.

Directions: make and draw each shape. Draw to show a break in the line where one toothpick ends and another starts.



Use 6 toothpicks to make a rectangle.

Use 4 toothpicks to make a square. Rearrange them to make at least 2 different rhombuses .

Use 5 toothpicks to make a trapezoid.

Rearrange the toothpicks to make a parallelogram that is different from any you've made so far.

Make a pentagon, a hexagon and an octagon.

Rearrange the toothpicks to make 3 different shaped triangles.