

Wednesday 1st July 2020

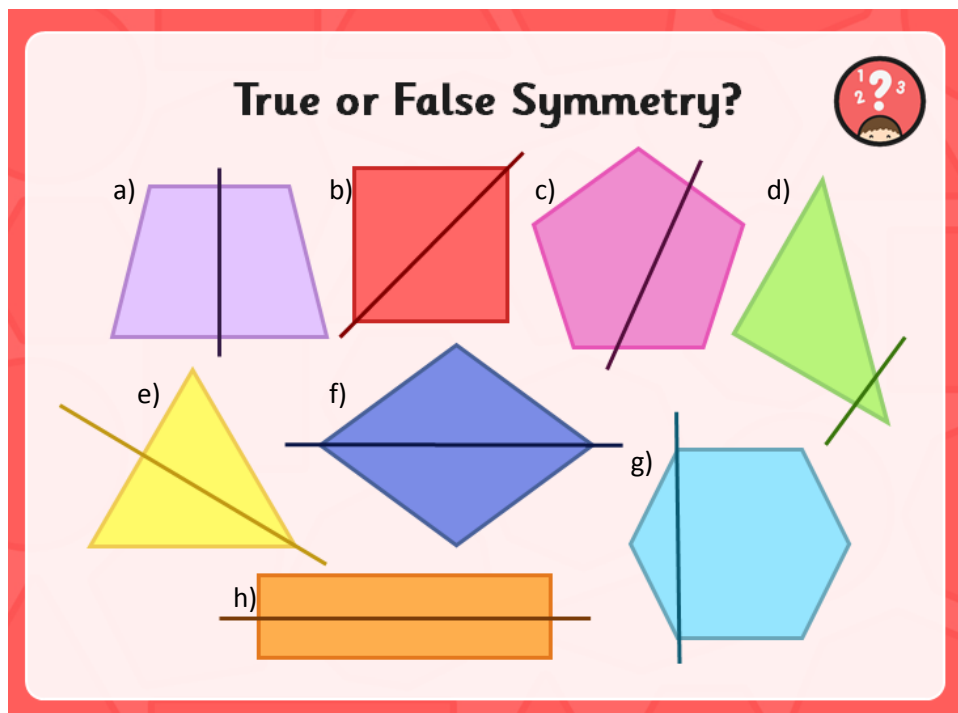
Lines of Symmetry

What is Symmetry? A shape has symmetry if a line (a mirror line) can be drawn through the centre of it, to show that one side of the shape is a reflection (exactly the same) as the other. A mirror or tracing paper would be useful but I don't expect you to access these.

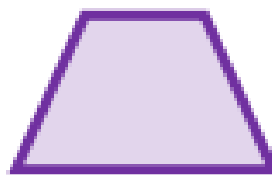
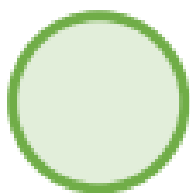
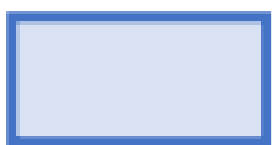
1. Look at these shapes. They each have a line drawn through them. You have to say whether it is a line of symmetry or not symmetry.

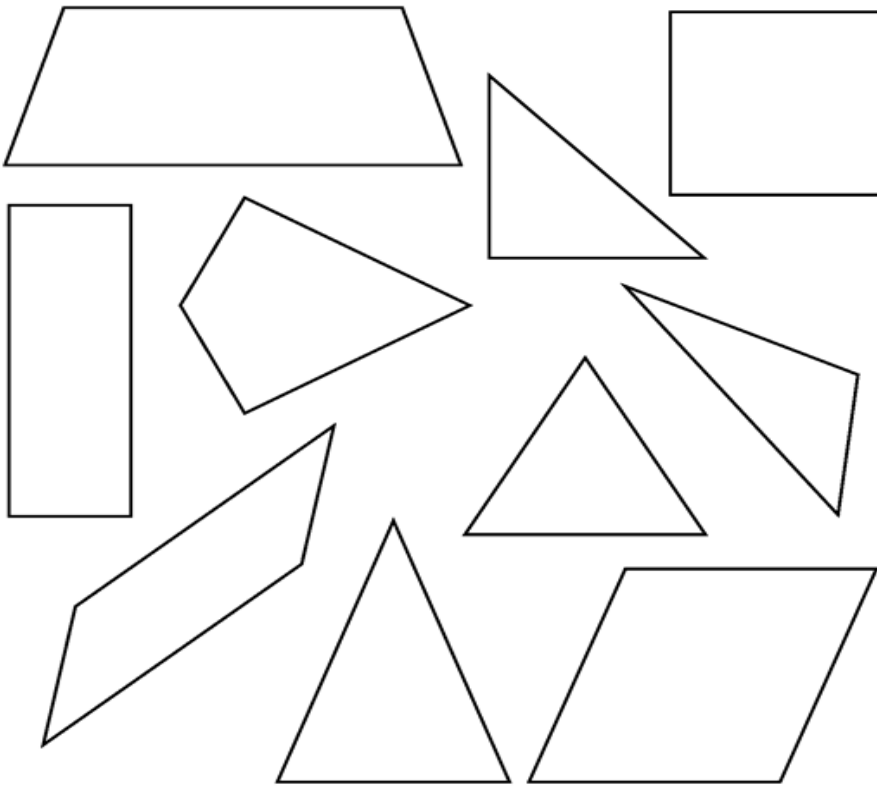
Do it like this:

a) Symmetry b)



2. **You will need** a pencil, a ruler, a pair of scissors, some plain paper and a glue stick.
 - a) Do your best to draw each of these shapes on plain paper.
 - b) Fold each shape in half if you can.
 - c) Use your ruler and draw on that 'fold' line so that the line of symmetry is clear.
 - d) Now stick them neatly in your book.





Draw 10 different shapes.
You can get ideas from the shapes here or draw around some small objects in your home, so long as there is a variety of shapes and sizes.

3. Draw a line of symmetry on each of the shapes you have drawn.

CHALLENGE:

How many symmetrical shapes can you make by colouring in a maximum of 6 squares?

