

EYFS (Nursery and Reception)

Patterns are everywhere! Look around your house and see what repeating patterns you can find, or make a repeating pattern using things in your house. Draw the repeating pattern and then describe it. How many patterns can you make?



KS1 (Year 1 & 2)



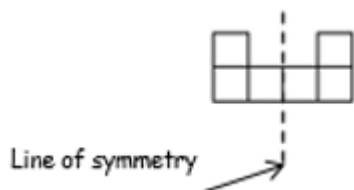
Lottie bought a lollipop. It cost 6p.

She paid for it exactly. Which coins did she use? There are 5 different ways to do it. Find as many as you can.

What if the lollipop cost 7p?

Lower KS2 (Year 3 & 4)

Polly placed 6 squares edge to edge like this to make a symmetrical shape.



She then moved the 6 squares to make another symmetrical shape.

What different symmetrical shapes can be made from 6 squares? Find as many different symmetrical shapes as you can. Draw each shape on squared paper (at the office) and mark the lines of symmetry.

Upper KS2 (Year 5 & 6)

Here are 3 identical rectangles. Part of each shape has been shaded. What fraction of the middle shape is shaded?

