

Max's Symmetry Hunt

Learning objective: To identify and draw lines of symmetry in 2D shapes.

Max the monkey is looking for patterns. A shape has symmetry if you can fold it in half so both sides match perfectly. Look at the shapes below. Use your ruler to draw a line of symmetry where the shape matches on both sides.

Max the monkey loves to find symmetry. He looks at a square. He can draw a line down the middle. Both sides are the same! He looks at a circle. He can draw many lines through the centre. Each side is a perfect match. If you fold a shape along a line of symmetry, the two halves look like a mirror image.

Word bank: Symmetry · Line · Match · Fold · Shape

1. Look at a square. Draw a line of symmetry on the square below. How many lines of symmetry can you find? (2 marks)

2. Complete the sentence: If I fold a shape along a line of symmetry, the two sides must _____ perfectly. (1 mark)

3. Max has a rectangle. Does it have a line of symmetry? Yes or No? (1 mark)

4. Draw a simple shape that has exactly one line of symmetry. (2 marks)

Draw: Draw a butterfly. Use a pencil to draw a dotted line down the middle of the butterfly to show its line of symmetry.



Extension challenge: Can you find an object in your classroom that has a line of symmetry? Write the name of the object below.