

Max the Monkey's Symmetry Hunt

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

Max the Monkey is looking for balance! A shape is symmetrical if you can draw a line down the middle and both sides are exactly the same. Look at the shapes below. Use a ruler to draw a line of symmetry through the middle of each shape where it is possible. If a shape does not have a line of symmetry, write 'No' next to it.

Word bank: Symmetry · Line · Match · Shape · Mirror · Balance

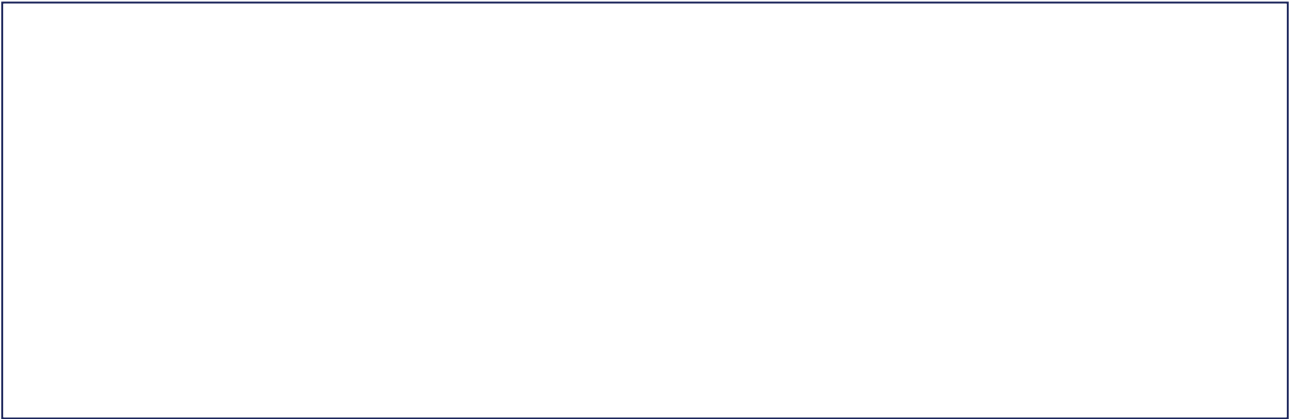
1. 1. Look at a square. Draw a line of symmetry from the top to the bottom. Does the left side match the right side? (2 marks)

2. 2. Look at a triangle with three equal sides. Draw a line from the top point to the bottom edge. Is this a line of symmetry? (2 marks)

3. 3. Look at a circle. Can you draw a line through the centre? How many lines of symmetry can you find? (2 marks)

4. 4. Think of a letter like 'A'. If you draw a line down the middle, is it symmetrical? (2 marks)

Draw: Draw a simple butterfly on the left side of the page. Use your pencil to finish the other side so that your butterfly is perfectly symmetrical. Give it the same patterns on both wings!



Extension challenge: Can you find three objects in your classroom that have a line of symmetry? Write their names down and explain why they are symmetrical.