

KS1 Maths Quiz - Year 2 Shapes - Properties of 2D Shapes (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Maths and Numeracy for children aged 6 and 7 in year 2. Specifically this quiz is aimed at the section dealing with identifying and describing the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.

In KS1 children are taught to identify some of the properties of 2-dimensional shapes. Year 2 children begin to understand that some shapes have lines of symmetry. They will begin to explore this for themselves, perhaps by folding a shape exactly in half - the fold line then shows one line of symmetry.

This quiz will help children to identify the property of symmetry in a variety of 2-dimensional shapes.

1. How many lines of symmetry can you see in this shape?



- 1
- 2
- 4
- 5

2. How many lines of symmetry does this shape have?



- 2
- 4
- 0
- 4

3. How many lines of symmetry does a square have?



- 7
- 4
- 8
- 2

4. How many lines of symmetry does this triangle have?



- 2
- 6
- 4
- 3

5. How many lines of symmetry can you find in this shape?



- 1
- 3
- 4
- 2

6. What do you think is special about a circle's lines of symmetry?



- It doesn't have any
- It only has one
- It has four
- Its lines of symmetry go on for ever

7. How many lines of symmetry does this triangle have?



- 3
- 9
- 4
- 1

8. How many lines of symmetry can you find in this shape?



- 2
- 1
- 4
- 5

9. How many lines of symmetry does this rectangle have?



- 2
- 4
- 6
- 8

10. How many lines of symmetry does this shape have?



- 2
- 6
- 5
- 4

KS1 Maths Quiz - Year 2 Shapes - Properties of 2D Shapes (Answers)

1. How many lines of symmetry can you see in this shape?



- 1
- 2
- 4
- 5

There is only one place where this shape could be folded exactly in half

2. How many lines of symmetry does this shape have?



- 2
- 4
- 0
- 4

The shape can't be folded in half exactly at all

3. How many lines of symmetry does a square have?



- 7
- 4
- 8
- 2

From corner to corner, through the middle vertically and horizontally

4. How many lines of symmetry does this triangle have?



- 2
- 6
- 4
- 3

From each point to its opposite straight side

5. How many lines of symmetry can you find in this shape?



- 1
- 3
- 4
- 2

The shape could be folded exactly in half from left to right or top to bottom

6. What do you think is special about a circle's lines of symmetry?



- It doesn't have any
- It only has one
- It has four
- Its lines of symmetry go on for ever

Circles have infinite lines of symmetry – you can fold them exactly in half all the way around!

7. How many lines of symmetry does this triangle have?



- 3
- 9
- 4
- 1

Only equilateral triangles have three lines of symmetry

8. How many lines of symmetry can you find in this shape?



- 2
- 1
- 4
- 5

There is only one place this shape could be folded exactly in half – right down the middle

9. How many lines of symmetry does this rectangle have?



- 2
- 4
- 6
- 8

This shape doesn't have lines of symmetry from corner to corner like the square

10. How many lines of symmetry does this shape have?



- 2
- 6
- 5
- 4

Try to picture where you could fold the shape exactly in half