

Sheet 12: Properties of 2-D Shapes

Worked example:

Look at a square: How many sides, right angles, and lines of symmetry does it have?

Answer: A square has 4 sides, 4 right angles, and 4 lines of symmetry.

- **Max the monkey is counting properties. Write the number of sides and lines of symmetry for these shapes:**

Rectangle Equilateral Triangle Regular Pentagon Regular Hexagon

- **Zara the zebra is looking for patterns. Fill in the missing words: A shape with all sides equal and all angles equal is called a _____ shape.**

regular

- **How many right angles are in a rectangle?**

Answer:

- **Does a circle have a line of symmetry? If so, how many?**

Answer:

- **If a triangle has three sides of different lengths, how many lines of symmetry does it usually have?**

Answer:

Self-check: Check your answers by sketching the shapes and drawing the lines of symmetry with a ruler to see if they match perfectly.

Ready for next: Once you can confidently identify the properties of these shapes, you are ready to calculate the area of rectangles!