

Geometry Assessment

Learning objective: To assess understanding of basic geometry concepts such as 2D shapes, angles, and symmetry.

Answer the questions below. Show all your working where necessary. Use a ruler for drawing where required. Total: /25

Max the monkey has been learning about different 2D shapes and their properties. Today, he is going to use his knowledge to draw and answer some questions about these shapes.

Word bank: square · triangle · circle · obtuse · acute · right-angled · parallel · perpendicular · symmetry

1. Draw a square and a triangle. What is the difference in the number of sides? (2 marks)

2. Draw a right-angled triangle. Where is the right angle located? (2 marks)

3. Draw a circle. How many lines of symmetry does it have? (2 marks)

4. Draw two parallel lines. What do they look like? (2 marks)

5. Draw a shape with one obtuse angle and one right angle. What is the name of this shape? (2 marks)

6. Explain what it means for a shape to have perpendicular lines. Draw an example. (3 marks)

Draw: Draw the shapes described in the questions and label them appropriately.



Extension challenge: Total: /25