

Max's Shape Investigation

Learning objective: To identify, describe, and classify 2D shapes based on their properties, including lines of symmetry and angles.

Max the monkey has found some shapes in the forest! Help him sort them out. Look at each shape carefully. Count the sides and corners. Check if it has a line of symmetry. Use the word bank to help you write your answers.

Word bank: Square · Rectangle · Triangle · Pentagon · Hexagon · Sides · Corners · Symmetry · Right angle · Equal

1. Shape Name: What is the name of this shape? How many sides and corners does it have? (2 marks)

2. Describing the shape: Are the sides all the same length? Does it have any right angles? (2 marks)

3. Symmetry: Can you draw a line of symmetry through the shape? Explain why it is symmetrical. (2 marks)

4. Real-life link: Can you name one object you see at home or in class that is this shape? (1 mark)

Extension challenge: Can you find a shape with more than four sides? Draw it in your book and label the number of sides and corners it has.