

Max's Shape Safari

Learning objective: To recognise and name common 2D and 3D shapes, and describe their properties.

Max the monkey is looking for shapes in the jungle. Help him complete his maths mission by answering the questions below.

Word bank: circle · square · rectangle · triangle · cube · sphere · cuboid · pyramid · sides · corners · faces

1. Max finds a flat, square leaf. How many sides and how many corners does a square have? (2 marks)

2. Look at these shapes: a circle, a triangle, and a rectangle. Which shape has no corners at all? (1 mark)

3. Max is holding a block that looks like a dice. What is the name of this 3D shape? (1 mark)

4. A cuboid has 6 flat faces. Can you name one object you might find in a classroom that is shaped like a cuboid? (1 mark)

5. Zara the zebra draws a pattern. She draws a triangle, then a square, then a triangle, then a square. What shape comes next in her pattern? (1 mark)

Draw: Draw a picture of a robot using only 2D shapes like circles, squares, rectangles, and triangles. Label the shapes you have used.



Extension challenge: Max has a box full of 3D shapes. He has a sphere, a cube, and a pyramid. Can you explain to a partner why the sphere can roll but the cube cannot?