

Max's Shape-Hunting Adventure

Learning objective: To identify and describe 2D and 3D shapes, including their properties such as vertices, sides, edges, and faces.

Max the monkey is exploring the jungle to find objects that match specific shapes. Look at the items in the list below. Decide if the item is a 2D shape or a 3D shape and write it in the correct column. Then, answer the questions about how many sides or faces these shapes have.

Word bank: Circle · Square · Triangle · Rectangle · Cube · Sphere · Pyramid · Cylinder

1. Max finds a flat piece of paper shaped like a square. How many sides does a square have? (1 mark)

2. Max finds a ball that is a sphere. Does a sphere have any flat faces? Explain your answer. (2 marks)

3. A triangle has 3 sides. Can you name a 3D shape that has a triangle on one of its faces? (1 mark)

4. Look at a cylinder. How many circular faces does it have? (1 mark)

5. Sort these shapes into 2D or 3D: Rectangle, Cube, Pyramid, Circle. (2 marks)

Draw: Draw a picture of a robot using only 3D shapes. Label the shapes you used, such as 'cube head' or 'cylinder arms'.



Extension challenge: Go on a shape hunt around your classroom or home. Can you find five objects that are 3D shapes? Write down the name of the object and the 3D shape it represents.