

Max's Shape Safari

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

Help Max the monkey identify the shapes he found in the jungle! Read the descriptions and answer the questions below.

Max the monkey is exploring the forest. He has spotted many interesting objects. He sees a flat, round lily pad that looks like a circle. He finds a piece of fruit that is shaped like a sphere. He also finds a wooden box that is a cube, and a leaf that has three straight sides, making it a triangle. Max knows that 2D shapes are flat, and 3D shapes are solid objects.

Word bank: rectangle · circle · triangle · cube · sphere · pyramid · side · vertex

1. Max finds a leaf with three straight sides. What is the name of this 2D shape? (1 mark)

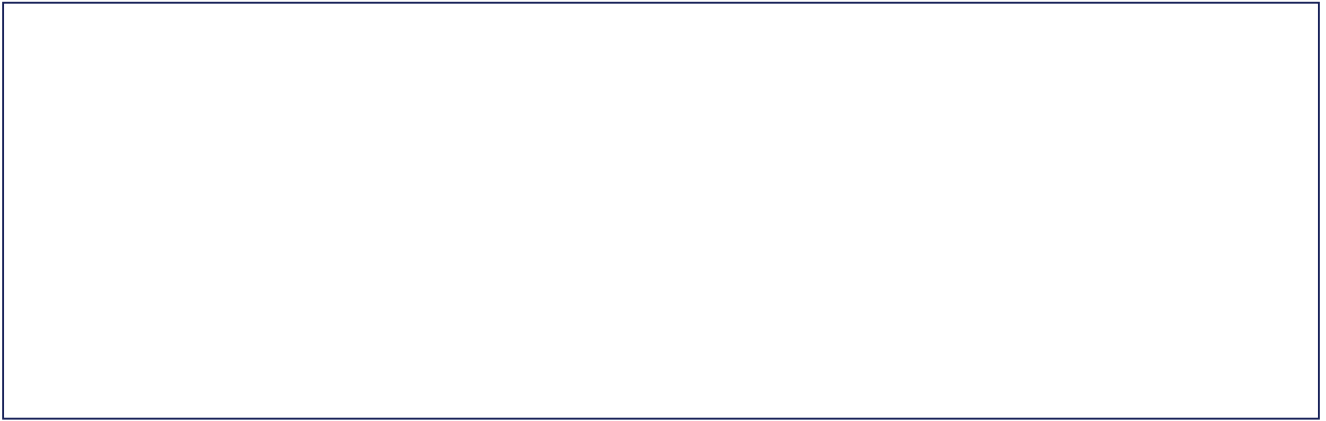
2. Max has a box shaped like a cube. How many faces does a cube have? (1 mark)

3. Look at a circle and a square. How are they different? Mention their sides. (2 marks)

4. Max finds a ball. Is it a 2D shape or a 3D shape? Name the shape. (2 marks)

5. If Max puts 3 apples into his cube-shaped box, and each apple costs £1, how much money does he spend in total? (2 marks)

Draw: Draw a 2D triangle next to a 3D pyramid. Use your pencil to label the 'side' of the triangle and the 'vertex' (corner) of the pyramid.



Extension challenge: Go on a shape hunt around your classroom or home. Can you find one object that is a cuboid and one object that is a cylinder? Write down what you found.