

Max the Monkey's Geometric Garden

Learning objective: To identify, name, and describe the properties of 2D shapes (sides, vertices, and lines of symmetry).

Max the Monkey has been planting shapes in his garden! Look at the list of shapes below and match them to the descriptions by filling in the blanks. Use the word bank to help you identify the 2D shapes.

Word bank: Circle · Square · Rectangle · Triangle · Pentagon · Hexagon

1. 1. I have 3 straight sides and 3 vertices. What am I? Answer: _____ (2 marks)

2. 2. I have 4 sides of equal length and 4 right angles. What am I? Answer: _____ (2 marks)

3. 3. I have 6 sides and 6 vertices. I am a _____. (2 marks)

4. 4. Look at a rectangle. How many lines of symmetry does it have? Explain your reasoning. (2 marks)

5. 5. Max says: 'A circle has one curved side and zero vertices.' Is Max correct? Explain why. (2 marks)

Draw: Draw a picture of a robot using only 2D shapes. Label each shape you have used (e.g., pointing to a square head).



Extension challenge: Find three objects in your classroom or home that are shaped like a cylinder. Can you describe how the flat face of a cylinder is different from a circle?