

Max the Monkey's Shape Safari

Learning objective: To identify, describe, and classify 2D and 3D shapes, including lines of symmetry and angles.

Hello! I am Max. I love shapes. Let's solve these math puzzles together. Use the word bank to help you. Read each question carefully.

Answer Key: 1. B, 2. True, 3. False, 4. 4, 5. True, 6. Right angle, 7. 6, 8. True, 9. 3, 10. False.

Word bank: Right angle · Symmetry · Parallel · Polygon · Vertex · Face · Edge · Triangle

1. 1. What do we call a shape with straight sides like a square or triangle? A) Sphere B) Polygon* C) Cone D) Circle (1 mark)

2. 2. True or False: A square has 4 equal sides. (1 mark)

3. 3. True or False: A circle has 3 corners. (1 mark)

4. 4. How many sides does a rectangle have? (1 mark)

5. 5. True or False: A line of symmetry means both sides look the same. (1 mark)

6. 6. What is the name of the 90-degree angle found in a square corner? (Hint: See word bank) (1 mark)

7. 7. How many faces does a cube have? (1 mark)

8. 8. True or False: Parallel lines are lines that never touch. (1 mark)

9. 9. How many sides does a triangle have? (1 mark)

10. 10. True or False: A sphere is a apartment 2D shape. (1 mark)

Draw: Draw a square and draw one line of symmetry down the middle of it.



Extension challenge: Can you find three things in your room that are shaped like a cylinder? Tell Max what they are!