

Max the Monkey's Shape Adventure

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

Help Max the Monkey solve his shape puzzles! Read each question carefully and write your answers clearly. Good luck!

Answer Key: 1. B, 2. True, 3. False, 4. A, 5. 6, 6. C, 7. 0, 8. True, 9. B, 10. Cube. Max says: Well done, you are a shape superstar!

Word bank: Vertex · Edge · Face · Sphere · Cube · Cylinder · Pyramid · Side

1. 1. Which shape has 3 sides and 3 vertices? A) Square B) Triangle* C) Circle D) Pentagon (1 mark)

2. 2. True or False: A cube has 12 edges. (1 mark)

3. 3. True or False: A sphere has a flat face. (1 mark)

4. 4. How many vertices does a rectangle have? A) 4* B) 3 C) 6 D) 8 (1 mark)

5. 5. A cube has how many faces? (1 mark)

6. 6. Which of these is a 3D shape? A) Square B) Triangle C) Cylinder* D) Hexagon (1 mark)

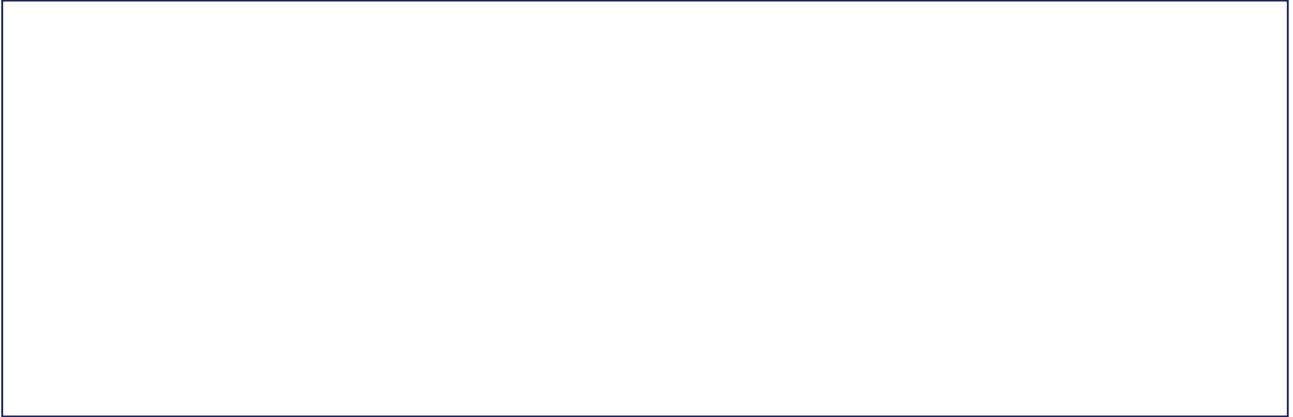
7. 7. How many curved edges does a square have? (1 mark)

8. 8. True or False: A pentagon has 5 sides. (1 mark)

9. 9. Which shape has a circular base and one point at the top? A) Cube B) Cone* C) Sphere D) Cuboid (1 mark)

10. 10. What is the name of a 3D shape where every face is a square? (1 mark)

Draw: Draw a robot using only 2D shapes (like squares, triangles, and circles). Label your shapes for Max!



Extension challenge: Find three objects in your classroom or home that are 3D shapes. Write down the name of the object and the name of the shape it looks like (e.g., a tin of beans looks like a cylinder).