

Max the Monkey's Geometry Jungle Quiz

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

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

Answer Key: 1. A (3), 2. True, 3. False (it has 6 faces), 4. Circle, 5. C (Pentagon), 6. True, 7. 0, 8. B (4), 9. True, 10. Cube. Each correct answer is worth 1 mark.

Word bank: Vertex · Edge · Face · Symmetry · Pentagon · Cube · Sphere · Cylinder

1. 1. How many vertices (corners) does a triangle have? A) 3* B) 4 C) 5 D) 6 (1 mark)

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

3. 3. True or False: A cube has 4 flat faces. (1 mark)

4. 4. Which 2D shape has no corners at all? (1 mark)

5. 5. Which shape has exactly 5 sides? A) Square B) Triangle C) Pentagon* D) Hexagon (1 mark)

6. 6. True or False: A rectangle has 4 right angles. (1 mark)

7. 7. How many straight edges does a sphere have? (1 mark)

8. 8. How many lines of symmetry does a square have? A) 2 B) 4* C) 1 D) 0 (1 mark)

9. 9. True or False: A cylinder has two circular faces. (1 mark)

10. 10. Max has a 3D shape with 6 square faces. What is it? (1 mark)

Draw: Draw a house using only 2D shapes. Label the triangle, the rectangle, and the square you used in your picture.



Extension challenge: Max has found a shape with 6 faces, 12 edges, and 8 vertices. Can you write a short poem about this shape and why Max likes it?