



Identifying 2D & 3D Shapes & Attributes

Name: _____

Date: _____

Grade: Grade 1

Part A: Multiple Choice

Circle the best answer for each question.

1. Which 3D shape has 6 faces, 12 edges, and 8 vertices?

- A) Sphere
- B) Cone
- C) Cube
- D) Cylinder

2. How many edges does a sphere have?

- A) 1
- B) 2
- C) 4
- D) 0

3. Which 2D shape has no straight sides?

- A) Triangle
- B) Square
- C) Circle
- D) Rectangle

4. A cone has 1 vertex and how many flat faces?

- A) 0
- B) 1
- C) 2
- D) 3

Part B: Fill in the Blank

Write the correct answer on each line.

1. A cube has 8 vertices and _____ edges.
2. A _____ has 1 curved surface and 2 flat circles.
3. A 2D shape has length and width but no _____.
4. A cone has _____ curved surface.
5. The flat surfaces on a 3D shape are called _____.

Part A: Multiple Choice

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1. Which 3D shape has 6 faces, 12 edges, and 8 vertices?

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- C) **Circle**
- D) Rectangle

4. A cone has 1 vertex and how many flat faces?

- A) 0
- B) **1**
- C) 2
- D) 3

Part B: Fill in the Blank

Write the correct answer on each line.

1. A cube has 8 vertices and 12 edges.
2. A cylinder has 1 curved surface and 2 flat circles.
3. A 2D shape has length and width but no depth.
4. A cone has 1 curved surface.
5. The flat surfaces on a 3D shape are called faces.