



2D and 3D Shapes

Name: _____

Date: _____

Grade: Grade 1

Part A: Multiple Choice

Circle the letter of the best answer.

1. Which 3D shape has NO flat faces at all?

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

2. How many vertices does a rectangular prism have?

- A) 4
- B) 6
- C) 8
- D) 12

3. Which 2D shape has the most sides?

- A) Pentagon
- B) Rectangle
- C) Hexagon
- D) Trapezoid

4. A shape has 1 flat circle face and 1 point.

What is it?

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

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A cube has _____ more edges than a rectangle has sides.
2. A cylinder has _____ edges and _____ vertices.
3. Both a square and a _____ have 4 sides, but only a square has 4 equal sides.
4. A hexagon has _____ more sides than a square.
5. A rectangular prism has _____ edges and _____ vertices.

Part A: Multiple Choice

Circle the letter of the best answer.

1. Which 3D shape has NO flat faces at all?

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

2. How many vertices does a rectangular prism have?

- A) 4
- B) 6
- C) 8
- D) 12

3. Which 2D shape has the most sides?

- A) Pentagon
- B) Rectangle
- C) Hexagon
- D) Trapezoid

4. A shape has 1 flat circle face and 1 point. What is it?

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

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A cube has 8 more edges than a rectangle has sides.
2. A cylinder has 0 edges and 0 vertices.
3. Both a square and a rectangle have 4 sides, but only a square has 4 equal sides.
4. A hexagon has 2 more sides than a square.
5. A rectangular prism has 12 edges and 8 vertices.