



2D and 3D Shapes

Name: _____

Date: _____

Grade: Grade 2

Part A: Multiple Choice

Circle the best answer for each question.

1. Which shapes can roll?

- A) cube and rectangular prism
- B) sphere and cylinder
- C) triangle and square
- D) cone and cube

2. A soccer ball is most like which 3D shape?

- A) cube
- B) cylinder
- C) sphere
- D) cone

3. Which shape has NO vertices and NO edges?

- A) cone
- B) cylinder
- C) cube
- D) sphere

4. How many vertices does a triangle have?

- A) 2
- B) 3
- C) 4
- D) 5

Part B: Fill in the Blank

Write the correct answer on each line.

1. A cube has _____ faces that are all squares.
2. A _____ has 2 flat circular faces and 1 curved surface.
3. A rectangular prism has _____ vertices.
4. A 2D shape is _____ while a 3D shape is solid.
5. An octagon has _____ sides.

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3. Which shape has NO vertices and NO edges?

- A) cone
- B) cylinder
- C) cube
- D) sphere

4. How many vertices does a triangle have?

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- B) 3
- C) 4
- D) 5

Part B: Fill in the Blank

Write the correct answer on each line.

1. A cube has 6 faces that are all squares.
2. A cylinder has 2 flat circular faces and 1 curved surface.
3. A rectangular prism has 8 vertices.
4. A 2D shape is flat while a 3D shape is solid.
5. An octagon has 8 sides.