



2D and 3D Shapes

Name: _____

Date: _____

Grade: Grade 2

Part A: Multiple Choice

Circle the best answer for each question.

1. Which 2D shape has the most sides: pentagon, hexagon, or triangle?

- A) triangle
- B) pentagon
- C) hexagon
- D) they all have the same

2. How many faces does a square pyramid have in all?

- A) 4
- B) 5
- C) 6
- D) 8

3. Which 3D shape has 2 flat circular faces and 0 vertices?

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

4. A cereal box is most like which 3D shape?

- A) cube
- B) rectangular prism
- C) cylinder
- D) triangular prism

Part B: Fill in the Blank

Write the correct answer on each line.

1. A hexagon has _____ more sides than a triangle.
2. A cube and a rectangular prism both have _____ faces.
3. A 2D shape has length and width but no _____.
4. A square has _____ equal sides and a rectangle has 2 pairs of equal sides.
5. A _____ has 5 faces, 8 edges, and 5 vertices.

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1. Which 2D shape has the most sides: pentagon, hexagon, or triangle?

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- B) pentagon
- C) **hexagon**
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- B) sphere
- C) **cylinder**
- D) cube

4. A cereal box is most like which 3D shape?

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- B) **rectangular prism**
- C) cylinder
- D) triangular prism

Part B: Fill in the Blank

Write the correct answer on each line.

1. A hexagon has 3 more sides than a triangle.
2. A cube and a rectangular prism both have 6 faces.
3. A 2D shape has length and width but no depth.
4. A square has 4 equal sides and a rectangle has 2 pairs of equal sides.
5. A square pyramid has 5 faces, 8 edges, and 5 vertices.