

Grade 1 · 2D and 3D Shapes · Quiz

Common Core 1.G.A.1, 1.G.A.2 · mathovore.fr

Name: _____ Date: ____/____/____ Score: _____

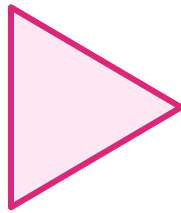
Try these 10 questions about 2D shapes, 3D shapes, and putting shapes together. Pick the one best answer for each question. Read each explanation to learn from your mistakes.

Grade 1 Common Core: **1.G.A.1 · 1.G.A.2**

Questions

Question 1

What is the name of this shape?



A shape.

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

Question 2

Which shape has no straight sides and no corners?

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

Question 3

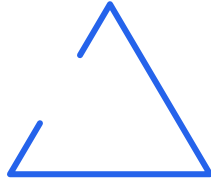
A shape has 3 sides and 3 corners. What shape is it?

- A. Square
- B. Triangle

- C. Rectangle
- D. Circle

Question 4

Is this shape a triangle?



A shape with a gap.

- A. No, it is not closed.
- B. Yes, it has 3 sides.
- C. No, it has 4 sides.
- D. Yes, it is small.

Question 5

Which fact does NOT help decide if a shape is a square?

- A. The shape is red.
- B. It has 4 equal sides.
- C. It has 4 square corners.
- D. It is closed with straight sides.

Question 6

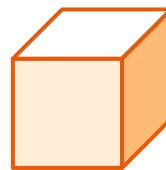
Which solid is the cylinder?



A



B



C

Solids A, B and C.

- A. A
- B. C
- C. None of them
- D. B

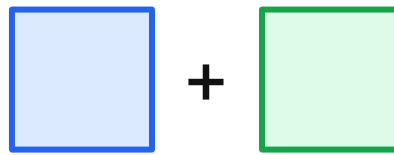
Question 7

Which 3D shape looks like a can of beans?

- A. Cube
- B. Cylinder
- C. Cone
- D. Square

Question 8

Two squares of the same size are put side by side. What shape do they make?



2 squares

Two squares.

- A. Triangle
- B. Circle
- C. Rectangle
- D. Cone

Question 9

Maya cuts a square from one corner to the opposite corner. What two shapes does she get?

- A. 2 rectangles
- B. 2 triangles
- C. 2 squares
- D. 4 triangles

Question 10

Jamal stacks 6 cubes. Then he adds 3 more cubes. How many cubes are in the tower?

- A. 3
- B. 8
- C. 9
- D. 10

Answer key

1. **C** – The shape has 3 straight sides and 3 corners, so it is a triangle. Turning it does not change its name.
2. **D** – A circle is round. It has no straight sides and no corners.
3. **B** – A closed shape with 3 straight sides and 3 corners is a triangle.
4. **A** – A triangle must be closed. This shape has a gap, so it is open and not a triangle.
5. **A** – Color is not a defining attribute. Sides and corners are.
6. **D** – A cylinder looks like a can with two flat circles. That is solid B.
7. **B** – A can has two flat circles and a curved side. That is a cylinder.
8. **C** – Two squares side by side make a shape with 4 sides and 4 square corners that is longer than it is tall: a rectangle.
9. **B** – A cut from corner to corner splits a square into 2 triangles.
10. **C** – $6+3=9$. Count on 3 from 6: 7, 8, 9.

Remember:

- A triangle has 3 straight sides and 3 corners and is closed.
- A square and a rectangle each have 4 sides and 4 square corners.
- Color, size, and turn are not defining attributes.
- A cube, a cylinder, and a cone are 3D shapes.
- Shapes can be put together to make a new shape.