

Grade 1 - 2D and 3D Shapes - Test

Common Core 1.G.A.1, 1.G.A.2 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This **shapes test** for 1st Grade covers 2d and 3d shapes (Common Core 1.G.A.1, 1.G.A.2), with a free PDF to print.

This test has 8 short questions and is worth 20 points. Take about 30 minutes. Look at each picture with care. Write the answer in the space. Count sides and corners when you are not sure.

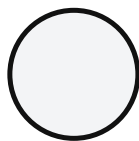
Time and points

About this test

- Grade: Grade 1
- Chapter: 2D and 3D Shapes
- Standards: 1.G.A.1, 1.G.A.2
- Time: 30 minutes
- Total: 20 points

Shapes test: questions

Question 1 - Find the shape [2 pts]



A



B



C

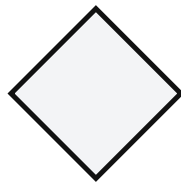


D

Shapes A, B, C, and D.

- Which shape has no corners? Write the letter. (1 point)
- Which shape has 3 sides? Write the letter. (1 point)

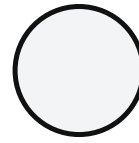
Question 2 - Name each shape [3 pts]



1



2



3

Shapes 1, 2, and 3.

Write the name of each shape.

- a. Shape 1 (1 point)
- b. Shape 2 (1 point)
- c. Shape 3 (1 point)

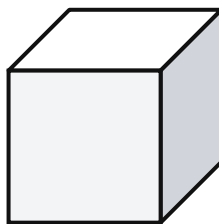
Question 3 - Mia's idea [2 pts]

Mia says a small triangle and a big triangle are two different shapes because their sizes are different. Is Mia right? Write yes or no. Then explain.

Question 4 - Name each solid [3 pts]



1



2



3

Solids 1, 2, and 3.

Write the name of each 3D shape.

- a. Shape 1 (1 point)
- b. Shape 2 (1 point)
- c. Shape 3 (1 point)

Question 5 - Flat faces [3 pts]

- a. How many flat faces does a cube have? *(1 point)*
- b. Which 3D shape has 1 flat face and 1 point? *(1 point)*
- c. Which 3D shape has 2 flat circles and a curved side? *(1 point)*

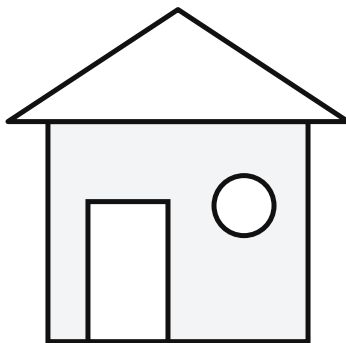
Question 6 - Row of squares [3 pts]



Three squares in a row make one new shape.

- a. How many small squares are in the picture? *(1 point)*
- b. How many corners does the whole new shape have? *(1 point)*
- c. Write the name of the whole new shape. *(1 point)*

Question 7 - House picture [2 pts]



A house built from four shapes.

- a. Write the name of the shape used for the roof. *(1 point)*
- b. Write the name of the shape used for the window. *(1 point)*

Question 8 - Mystery shape [2 pts]

A shape has 4 corners. It has 4 sides, and all the sides are the same length.

- a. Write the name of the shape. *(1 point)*
- b. Does the color of the shape change its name? Write yes or no. *(1 point)*

Key facts behind this shapes test

Key facts

- A triangle has 3 sides and 3 corners.
- A square has 4 sides that are all the same length. A rectangle has 4 sides and 4 corners.
- Color, size, and turning do not change the name of a shape.
- A cube has 6 flat faces. A cylinder has 2. A cone has 1.
- Two shapes can be put together to make a new shape.

How to use this shapes test

Time yourself: the test is designed for an average student in 45 minutes. Answer the questions you are sure of first, then come back to the longer ones and check your units.