

Grade 2 · Shapes and Equal Shares · Test

Common Core 2.G.A.1, 2.G.A.2, 2.G.A.3 · mathovore.fr

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

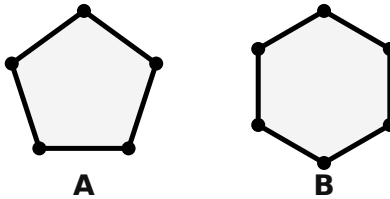
This 45-minute test covers shapes and equal shares for Grade 2 (2.G.A.1, 2.G.A.2, 2.G.A.3). There are 9 questions worth 20 points in all. Look carefully at each picture, show your work, and write your answers in full.

Test information

- **Grade:** Grade 2
- **Chapter:** Shapes and Equal Shares
- **Common Core:** 2.G.A.1, 2.G.A.2, 2.G.A.3
- **Time:** 45 minutes
- **Total:** 20 points (Question 1: 2 pts; Question 2: 2 pts; Question 3: 2 pts; Question 4: 2 pts; Question 5: 2 pts; Question 6: 3 pts; Question 7: 2 pts; Question 8: 3 pts; Question 9: 2 pts)

Question 1: Name the shapes (2 points)

Write the name of each shape.

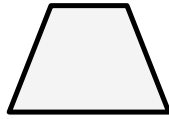


Shapes A and B.

- Shape A (1 point)
- Shape B (1 point)

Question 2: Sides and vertices (2 points)

Look at shape C.



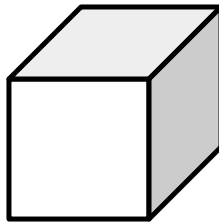
C

Shape C.

- a. How many sides and how many vertices does shape C have? (1 point)
- b. Write the name for any shape with this many sides. (1 point)

Question 3: A cube (2 points)

Look at the cube.

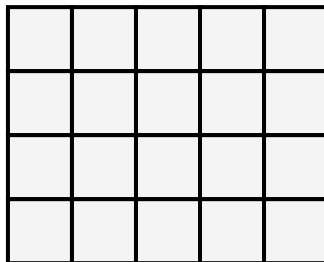


A cube.

- a. How many faces does a cube have? (1 point)
- b. What shape is each face? (1 point)

Question 4: Rows and columns (2 points)

Look at the rectangle of squares.



A rectangle of squares.

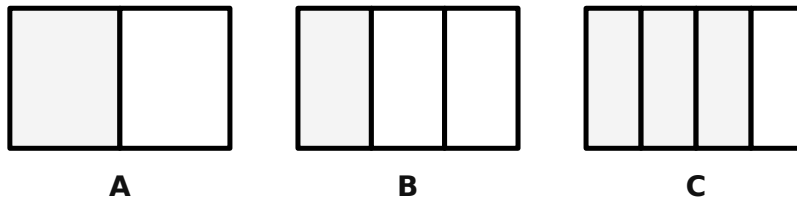
- a. How many rows and how many columns does it have? (1 point)
- b. Write an addition sentence and the total number of squares. (1 point)

Question 5: Draw a rectangle (2 points)

Draw a rectangle that is split into 2 rows and 4 columns of equal squares. How many squares are in the rectangle?

Question 6: Name the shaded part (3 points)

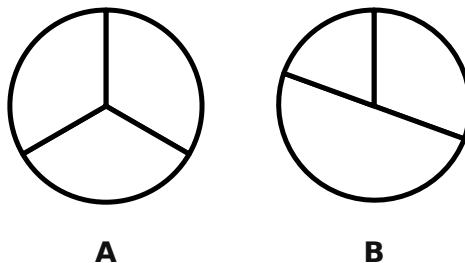
Write the part that is shaded in each picture. Use the words half, third, or fourth.



Rectangles A, B, and C.

Question 7: Equal shares (2 points)

One of these circles is cut into 3 equal shares. Write the letter of that circle and explain how you know.



Circles A and B.

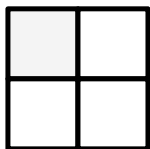
Question 8: Banana bread (3 points)

Noah cuts a loaf of banana bread into 3 equal slices. He gives 1 slice to Ava.

- What part of the loaf did Ava get? (1 point)
- How many thirds of the loaf does Noah still have? (1 point)
- How many thirds make the whole loaf? (1 point)

Question 9: Different shapes (2 points)

Aisha cuts two same-size squares into fourths, as shown. Does one fourth of square A have the same size as one fourth of square B? Explain.



A



B

Squares A and B.