

Grade 2 · Shapes and Equal Shares · Quiz

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

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

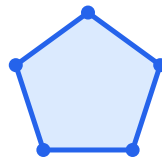
Try this 10-question quiz on Grade 2 shapes and equal shares. Choose one answer for each question. You will name polygons, count faces of a cube, find the total in rows and columns, and name halves, thirds, and fourths.

Grade 2 Common Core: 2.G.A.1 · 2.G.A.2 · 2.G.A.3

Questions

Question 1

What is the name of this shape?



shape

A shape with straight sides.

- A. hexagon
- B. triangle
- C. pentagon
- D. quadrilateral

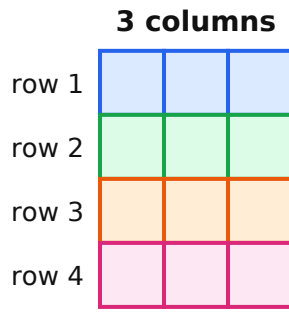
Question 2

How many sides does a hexagon have?

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

Question 3

How many squares are in this rectangle?



4 rows and 3 columns.

- A. 7
- B. 12
- C. 9
- D. 16

Question 4

What part of the circle is shaded?



A circle cut into equal shares.

- A. one half
- B. one fourth
- C. one third
- D. three thirds

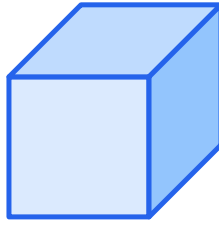
Question 5

Which shape is a quadrilateral?

- A. rectangle
- B. triangle
- C. pentagon
- D. hexagon

Question 6

How many faces does a cube have?



A cube.

- A. 6
- B. 4
- C. 8
- D. 12

Question 7

How many fourths make one whole?

- A. 2
- B. 4
- C. 3
- D. 6

Question 8

A rectangle is cut into 2 equal shares. What is each share called?

- A. one third
- B. one half
- C. one fourth
- D. one whole

Question 9

Ava cuts a pie into 3 equal slices and eats 1 slice. How many thirds are left?

- A. one third
- B. three thirds
- C. one half
- D. two thirds

Question 10

A rectangle has 5 rows with 2 squares in each row. Which addition sentence gives the total?

- A. $2+2+2+2=8$
- B. $5+5+5=15$
- C. $2+5=7$
- D. $2+2+2+2+2=10$

Answer key

1. **C** – Count 5 sides, so it is a pentagon. A hexagon has 6 sides.
2. **A** – A hexagon has 6 sides. A pentagon, with 5 sides, is the most common mix-up.
3. **B** – Add 3 four times: $3 + 3 + 3 + 3 = 12$. Adding the rows and columns ($4 + 3 = 7$) is a common mistake.
4. **C** – The circle has 3 equal shares and 1 is shaded, so one third is shaded.
5. **A** – A quadrilateral has 4 sides. A rectangle has 4 sides.
6. **A** – A cube has 6 square faces: top, bottom, front, back, left, and right.
7. **B** – Four fourths make a whole. Two halves and three thirds also make a whole.
8. **B** – Two equal shares are halves, so each share is one half.
9. **D** – $3 - 1 = 2$, so 2 thirds are left. Three thirds would be the whole pie.
10. **D** – Add 2 once for each of the 5 rows. Using only 4 twos or adding $2 + 5$ does not match the rows.

Remember:

- A triangle has 3 sides, a quadrilateral 4, a pentagon 5, and a hexagon 6.
- A cube has 6 faces, and every face is a square.
- To count squares in a rectangle, add the number in one row once for each row.
- Halves, thirds, and fourths are 2, 3, and 4 equal shares of a whole.
- Equal shares can have different shapes and still be the same size.