

Grade 2 · Shapes and Equal Shares · Test Answer Key

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

Use this answer key to score the Grade 2 shapes and equal shares test. Each solution is worked out, and each scoring note says how the points are given. The test is worth 20 points in all. Give partial credit when a student shows correct thinking.

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

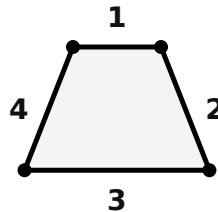
Question 1: Name the shapes (2 points)

- a. Shape A has 5 sides: **pentagon**.
- b. Shape B has 6 sides: **hexagon**.

Scoring: 1 point for each correct name.

Question 2: Sides and vertices (2 points)

- a. Shape C has **4 sides and 4 vertices**.
- b. A shape with 4 sides is a **quadrilateral**.



The 4 sides of shape C, numbered.

Scoring: 1 point for 4 sides and 4 vertices (both needed). 1 point for quadrilateral.

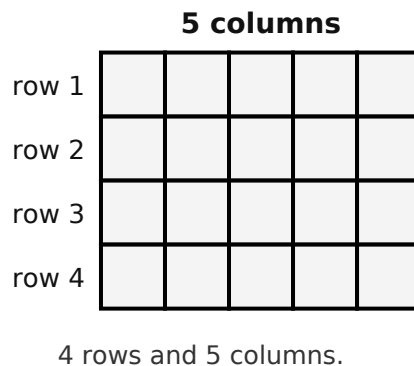
Question 3: A cube (2 points)

- a. A cube has **6 faces**.
- b. Each face is a **square**.

Scoring: 1 point for 6 faces. 1 point for square.

Question 4: Rows and columns (2 points)

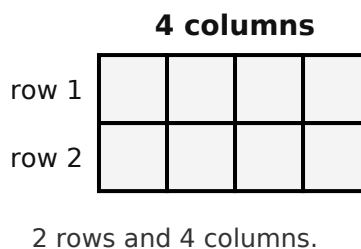
- a. There are **4 rows and 5 columns**.
- b. Each row has 5 squares: $5+5+5+5=20$. There are **20 squares**.



Scoring: 1 point for 4 rows and 5 columns. 1 point for the addition sentence with the total of 20.

Question 5: Draw a rectangle (2 points)

Draw 2 rows with 4 squares in each row.



$4+4=8$. There are **8 squares**.

Scoring: 1 point for a correct drawing (2 rows, 4 columns, equal squares). 1 point for the total of 8.

Question 6: Name the shaded part (3 points)

- a. A has 2 equal shares and 1 is shaded: **one half**.
- b. B has 3 equal shares and 1 is shaded: **one third**.
- c. C has 4 equal shares and 3 are shaded: **three fourths**.

Scoring: 1 point for each correct answer.

Question 7: Equal shares (2 points)

Circle A. Its 3 parts are the same size. In circle B the parts are different sizes, so they are not thirds.

Scoring: 1 point for circle A. 1 point for explaining that the parts must be the same size.

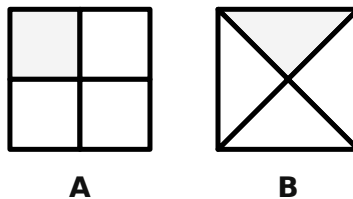
Question 8: Banana bread (3 points)

- a. Ava got **one third** of the loaf.
- b. $3-1=2$. Noah has **2 thirds** left.
- c. **3 thirds** make the whole loaf.

Scoring: 1 point for each correct part.

Question 9: Different shapes (2 points)

Yes. Both squares are the same size and both are cut into 4 equal shares, so each fourth is the same size. The shapes can look different.



One fourth of each square is shaded.

Scoring: 1 point for yes. 1 point for explaining that both are 1 of 4 equal shares of the same whole.

Total
20 points