

Grade 1 · Halves and Fourths · Quiz

Common Core 1.G.A.3 · mathovore.fr

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

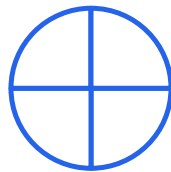
Try this 10-question quiz on halves and fourths. Each question has four answers, and only one is right. Look at each picture first, then pick your answer. Check your score at the end.

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

Questions

Question 1

How many equal shares does the circle have?



A circle cut into 4 equal shares.

- A. 2
- B. 3
- C. 4
- D. 8

Question 2

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



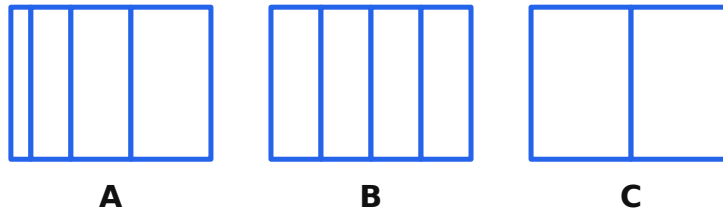
A rectangle cut into 2 equal shares.

- A. a whole
- B. a half
- C. a fourth

D. a double

Question 3

Which shape shows fourths?



Shape A has 4 unequal parts, shape B has 4 equal parts, shape C has 2 equal parts.

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

Question 4

What is another name for a fourth?

- A. a half
- B. a whole
- C. a double
- D. a quarter

Question 5

How many halves make 1 whole?

- A. 1
- B. 3
- C. 4
- D. 2

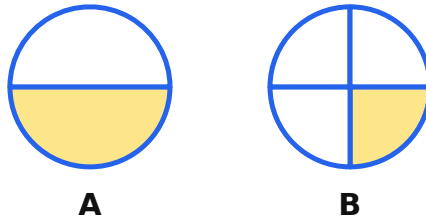
Question 6

How many fourths make 1 whole?

- A. 2
- B. 4
- C. 3
- D. 8

Question 7

The circles are the same size. Which circle has the smaller colored share?



Circle A is cut in halves, circle B in fourths. One share is colored in each.

- A. Circle A
- B. They are the same
- C. Circle B
- D. Cannot tell

Question 8

A pizza is cut into 4 equal slices. Noah eats 1 slice. How many fourths are left?

- A. 3 fourths
- B. 1 fourth
- C. 2 fourths
- D. 4 fourths

Question 9

How many fourths are colored?



A rectangle cut into 4 equal shares, 3 colored.

- A. 1
- B. 2
- C. 4
- D. 3

Question 10

Liam cuts a rectangle into 2 pieces. One piece is bigger. Are the pieces halves?

- A. No, the pieces are not equal
- B. Yes, there are 2 pieces
- C. Yes, one is bigger
- D. No, halves need 4 pieces

Answer key

1. **C** - The two lines make 4 shares that are the same size. Count each share once.
2. **B** - 2 equal shares are halves. A fourth needs 4 equal shares.
3. **B** - Fourths are 4 equal shares. Shape A has 4 parts but they are not equal. Shape C has only 2.
4. **D** - A fourth and a quarter are the same share: 1 of 4 equal shares.
5. **D** - A whole cut into halves has 2 shares. $1+1=2$.
6. **B** - A whole cut into fourths has 4 shares, so 4 fourths make 1 whole.
7. **C** - Circle B has 4 shares, and more shares means smaller shares.
8. **A** - $4-1=3$. The common mistake is to say 1 because 1 slice was eaten.
9. **D** - Count the colored shares: 3. The other share is not colored.
10. **A** - Halves are 2 equal shares. Pieces of different sizes are not halves.

Remember:

- Equal shares are the same size.
- 2 equal shares are called halves.
- 4 equal shares are called fourths or quarters.
- 2 halves make 1 whole, and 4 fourths make 1 whole.
- More equal shares means each share is smaller.