

Grade 1 · Halves and Fourths · Worksheet

Answer Key

Common Core 1.G.A.3 · mathovore.fr

Here are the full answers for the halves and fourths worksheet. Each answer shows the steps and the final answer in bold. Read each step with the student, and use the pictures to check the equal shares.

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

Problem 1: Count the equal shares

The line cuts the rectangle into 2 pieces that match.

There are **2 equal shares**.

Problem 2: Which shapes show halves?

A is cut into 2 equal shares. C is cut into 2 equal shares. B has one share bigger than the other.

Halves: **A and C**.

Problem 3: Name the share

2 equal shares are halves.

Each share is a **half**.

Problem 4: Which shapes show fourths?

A has 4 equal shares. C has 4 equal shares. B has 4 shares, but they are different sizes.

Fourths: **A and C**.

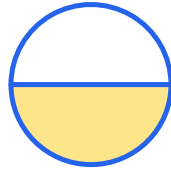
Problem 5: Two names for a fourth

A fourth is the same as a quarter.

Another name: **quarter**.

Problem 6: Shade one half

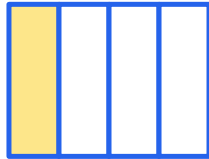
The circle has 2 equal shares. Half means 1 of the 2 shares. Color one share.



One half is colored.

Problem 7: Shade one quarter

The rectangle has 4 equal shares. A quarter is 1 of the 4 shares. Color one share.



One quarter is colored.

Problem 8: How many are shaded?

Colored: 3 fourths. Not colored: 1 fourth. Check: $3+1=4$.

3 fourths are colored and 1 fourth is not.

Problem 9: Two halves

A whole cut in halves has 2 shares. $1+1=2$.

2 halves make 1 whole.

Problem 10: Four fourths

A whole cut in fourths has 4 shares. $1+1+1+1=4$.

4 fourths make 1 whole.

Problem 11: Two ways to cut

In A, the 2 shares match. In B, the 2 shares match too.

Yes. Both rectangles show halves, even though the cuts look different.

Problem 12: Is it a half?

The 2 parts are not the same size. The colored part is smaller.

No. Half needs 2 equal shares.

Problem 13: Halves or fourths: which is smaller?

Circle B has 4 shares, so each share is smaller. Circle A has only 2 shares, so each share is bigger.

The smaller share is in **circle B**.

Problem 14: Cut into fourths

The square has 4 parts and all 4 are the same size.

Yes, it is cut into fourths.

Problem 15: Unequal pieces

The circle has 4 parts, but they are not all the same size.

No. Fourths must be equal shares.

Problem 16: Shade two fourths

Color any 2 shares.



Two fourths are colored.

$4 - 2 = 2$. **2 fourths are not shaded.**

Problem 17: Sandwich halves

She starts with 2 halves. She eats 1. $2 - 1 = 1$.

1 half is left.

Problem 18: Pizza slices

The pizza has 4 fourths. Jamal eats 1. $4-1=3$.

3 fourths are left.

Problem 19: Share a cracker

2 friends need 2 equal shares.

2 shares. Each share is a **half**.

Problem 20: Four friends

4 friends need 4 equal shares.

4 shares. Each share is a **fourth** (a quarter).

Problem 21: Whose share is bigger?

Halves are 2 shares. Fourths are 4 shares. More shares means smaller shares.

Aisha has the bigger share.

Problem 22: Eat the whole pizza

$2+2=4$. They ate 4 fourths together.

4 fourths make the whole pizza. **No pizza is left.**

Problem 23: The flag

$4-3=1$ part is not red.

One of 4 equal parts is a quarter. **1 part, a quarter.**