

Grade 1 - Halves and Fourths - Answer Key

Common Core 1.G.A.3 · maths-pdf.fr/en/

This **halves fourths answers** for 1st Grade covers halves and fourths (Common Core 1.G.A.3), with a free PDF to print.

Every problem has a short worked answer with the final answer in bold. Pictures show where to shade or draw. Check each answer, then talk about why equal shares matter. A half has 2 shares and a fourth has 4 shares.

Grade 1 · Common Core State Standards: **1.G.A.3**

Halves fourths answers: exercises 1 to 10

Exercise 1 - Count the shares

Count each share one by one: 1, 2, 3, 4.

The circle has **4 equal shares**.

Exercise 2 - Name each part

A whole folded into 2 parts of the same size has two halves.

Each part is **a half**.

Exercise 3 - Another name

A fourth is 1 of 4 equal shares. The other word for it is quarter.

quarter

Exercise 4 - Shade a half

The rectangle has 2 equal shares. Color 1 of them.

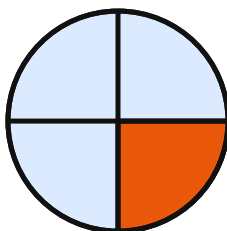


One half is colored.

1 of the 2 equal shares is shaded. Either share works.

Exercise 5 - Shade a fourth

The circle has 4 equal shares. Color 1 of them.



One fourth is colored.

1 of the 4 equal shares is shaded.

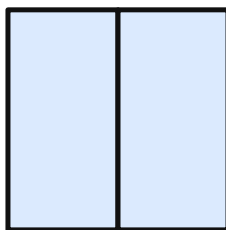
Exercise 6 - Equal or not equal

The left part is much smaller than the right part. The shares are not the same size.

No, they are not halves.

Exercise 7 - Draw halves

Draw a line from the middle of the top to the middle of the bottom. Both parts are the same size.



A line down the middle makes halves.

A line across the middle works too.

Exercise 8 - Halves in a whole

One whole cut into 2 equal shares gives 2 halves.

2 halves

Exercise 9 - Fourths in a whole

One whole cut into 4 equal shares gives 4 fourths.

4 fourths

Exercise 10 - Corner to corner

The two triangles match exactly, so the shares are equal. There are 2 of them.

Yes, each triangle is a half.

Exercises 11 and up

Exercise 11 - Name the shaded share

The circle has 4 equal shares and 1 is shaded.

The shaded share is **one fourth**, or one quarter.

Exercise 12 - Smaller share

Circle A has 2 shares. Circle B has 4 shares, so its shares are cut smaller.

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

Exercise 13 - Find the fourths

Shape A has 4 strips of the same size. Shape B has 4 parts, but they are not the same size. Shape C has 4 parts of the same size.

Fourths are in **A and C**.

Exercise 14 - Two cuts, four shares

Each square has 4 equal shares.

Yes, both squares are cut into fourths.

Exercise 15 - True or false

The same pizza cut into 4 shares has smaller shares than when it is cut into 2 shares.

False

Exercise 16 - Two ways to cut halves

Each line goes through the center, so each circle has 2 equal shares.

Yes, both circles are cut into halves.

Exercise 17 - Maya's pancake

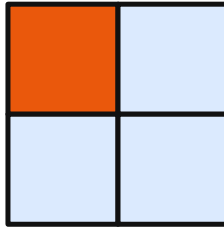
A pancake cut into 2 equal shares has halves. She ate 1 share.

She ate **half of the pancake**.

Exercise 18 - Quilt square

a. 1 of 4 equal shares is blue. That is **one fourth** (one quarter).

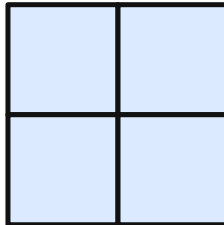
b. $4-1=3$. **3 shares** are not blue.



1 colored share and 3 white shares.

Exercise 19 - Sandwich cuts

Each of the 2 shares becomes 2 shares: $2+2=4$.



The sandwich now has 4 equal shares.

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

Exercise 20 - Pizza night

a. Each slice is 1 of 4 equal shares. Each friend gets **a fourth** (a quarter) of the pizza.

b. $4-4=0$. **0 slices** are left.

Exercise 21 - Bigger piece

A half is bigger than a fourth of the same whole.

Ethan ate more pie.

Exercise 22 - Garden beds

a. Peas grow in 1 of 4 equal beds: **one fourth** (one quarter).

- b. $4-3=1$. **1 bed** is empty.
c. **4 fourths** make the whole garden.

Key facts behind this halves fourths answers

Key facts

- Equal shares are exactly the same size.
- A whole cut into 2 equal shares has 2 halves.
- A whole cut into 4 equal shares has 4 fourths, also called quarters.
- Fourth and quarter are two names for the same share.
- More equal shares means smaller shares, so a fourth is smaller than a half.

How to use this halves fourths answers

Cover each solution, solve the exercise again, then uncover it and compare every line. If your answer differs, find the first step that changed and redo the exercise from there.

Download the halves fourths answers as a PDF with the button below and keep it with your notes.