

Grade 1 - Halves and Fourths - Worksheet

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

Name: _____ Class: _____ Date: ____/____/____

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

This free Grade 1 worksheet has 22 problems on halves and fourths (Common Core 1.G.A.3). Students count equal shares, shade one half or one fourth, and tell equal cuts from unequal cuts.

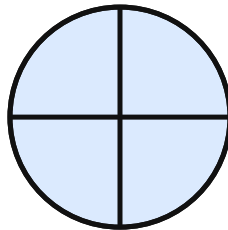
The problems start with easy counting and naming. The last six are short word problems about pancakes, pizza, quilts, and gardens.

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

Halves fourths worksheet: exercises 1 to 10

Exercise 1 - Count the shares

Count the equal shares in the circle. How many shares are there?



A circle cut into equal shares.

Exercise 2 - Name each part

Mei folds a paper napkin so it has 2 parts of the same size. What word names each part?

Exercise 3 - Another name

Write another name for a fourth.

Exercise 4 - Shade a half

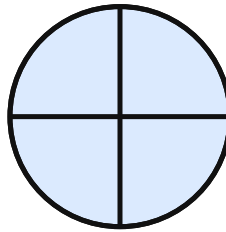
Shade one half of the rectangle.



Color one of the 2 equal shares.

Exercise 5 - Shade a fourth

Shade one fourth of the circle.



Color one of the 4 equal shares.

Exercise 6 - Equal or not equal

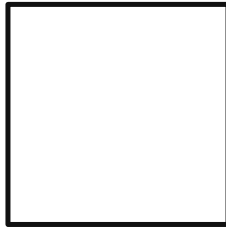
Is the rectangle cut into halves? Write yes or no.



A rectangle cut into 2 parts.

Exercise 7 - Draw halves

Draw one line to cut the square into halves.



Cut this square into 2 equal shares.

Exercise 8 - Halves in a whole

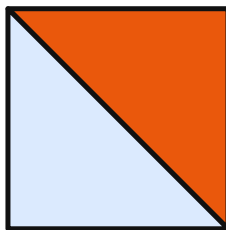
How many halves make one whole?

Exercise 9 - Fourths in a whole

How many fourths make one whole?

Exercise 10 - Corner to corner

A square is cut from corner to corner into 2 triangles that are the same size. Are the 2 parts halves? Write yes or no.

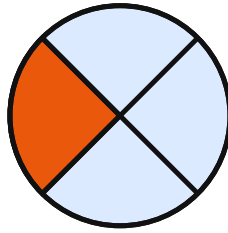


Two triangles of the same size.

Exercises 11 and up

Exercise 11 - Name the shaded share

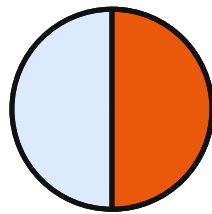
What is the shaded share called? Use the word fourth or quarter.



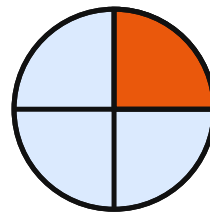
One share is colored.

Exercise 12 - Smaller share

The two circles are the same size. Which shaded share is smaller, in Circle A or in Circle B?



Circle A

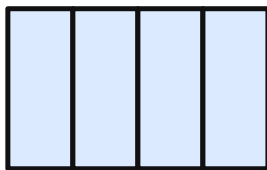


Circle B

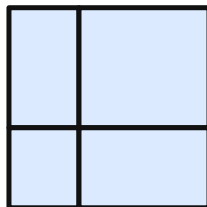
Two circles of the same size.

Exercise 13 - Find the fourths

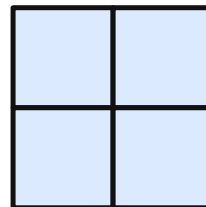
Which shapes are cut into fourths? Write the letters.



A



B

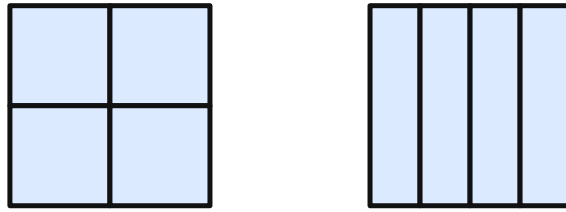


C

Three shapes cut into 4 parts.

Exercise 14 - Two cuts, four shares

Both squares are cut into 4 parts of the same size. Are both squares cut into fourths? Write yes or no.



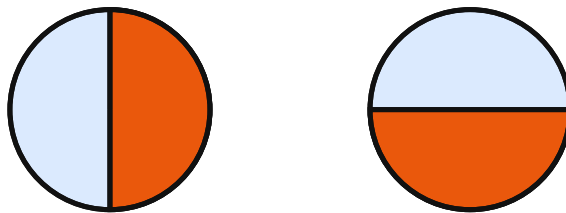
Two ways to cut a square.

Exercise 15 - True or false

Write true or false. A fourth of a pizza is bigger than a half of the same pizza.

Exercise 16 - Two ways to cut halves

Both circles are the same size. Are both circles cut into halves? Write yes or no.



Circle 1

Circle 2

Two circles, two cuts.

Exercise 17 - Maya's pancake

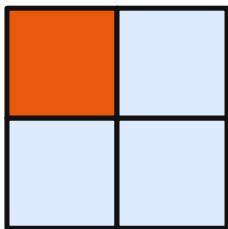
Maya cuts a pancake into 2 equal shares and eats 1 share. What part of the pancake did she eat?

Exercise 18 - Quilt square

Jamal's quilt square is cut into 4 equal shares. He colors 1 share blue.

a. What part of the quilt square is blue?

b. How many shares are not blue? Write an equation.



Jamal colors 1 share.

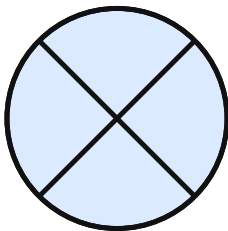
Exercise 19 - Sandwich cuts

Priya cuts a sandwich into 2 equal shares. Then she cuts each share into 2 equal shares. How many shares does she have now? What is each share called?

Exercise 20 - Pizza night

Diego cuts a pizza into 4 equal slices. Four friends each take 1 slice.

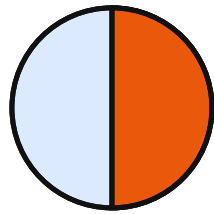
- a. What part of the pizza does each friend get?
- b. How many slices are left? Write an equation.



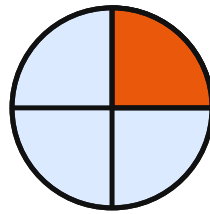
Diego cuts the pizza.

Exercise 21 - Bigger piece

Ethan eats half of a pie. Aisha eats a fourth of an identical pie. Who ate more pie?



Ethan



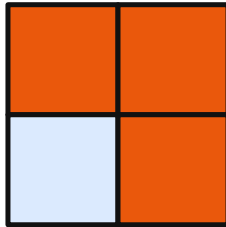
Aisha

The two pies are the same size.

Exercise 22 - Garden beds

Noah's square garden is split into 4 equal beds. He plants carrots in 1 bed, beans in 1 bed, and peas in 1 bed.

- What part of the garden has peas?
- How many beds are still empty?
- How many fourths make the whole garden?



Three beds are planted.

Key facts behind this halves fourths worksheet

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 worksheet

Work through the exercises in order: they go from simple to challenging. Write every step on paper, then compare with the solutions page and redo any exercise you missed the next day.

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