

Grade 1 - Halves and Fourths - Test

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

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

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

This 20-point test checks halves and fourths of circles and rectangles (Common Core 1.G.A.3). Read each question, write or draw your answers, and use a pencil. You have 30 minutes.

Time and points

About this test

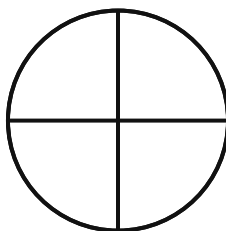
- Grade: Grade 1
- Chapter: Halves and Fourths
- Standards: 1.G.A.3
- Time: 30 minutes
- Total: 20 points

Halves fourths test: questions

Question 1 - Count and name [2 pts]

Look at the circle.

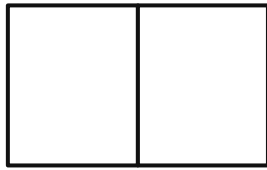
- How many equal shares does the circle have? (1 point)
- What is each share called? (1 point)



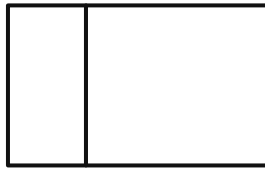
A circle cut into equal shares.

Question 2 - Halves or not [2 pts]

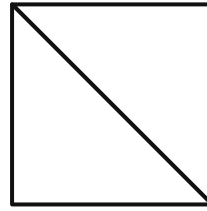
Which shapes are cut into halves? Write the letters.



A



B

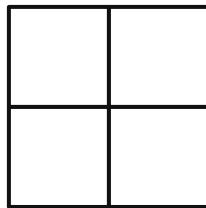


C

Three shapes cut into 2 parts.

Question 3 - Shade and draw [3 pts]

- Shade one fourth of Shape 1. (1 point)
- Draw one line to cut Shape 2 into halves. (1 point)
- How many fourths make one whole? (1 point)



Shape 1



Shape 2

Use the two shapes.

Question 4 - Fill in the words [2 pts]

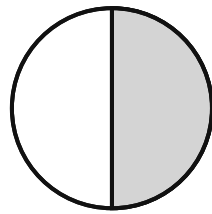
- A whole cut into 2 equal shares has two _____. (1 point)
- Another word for fourth is _____. (1 point)

Question 5 - Compare shares [3 pts]

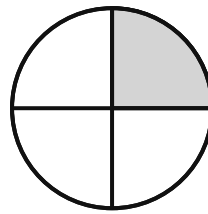
The circles are the same size.

- What is the shaded share in Circle A called? (1 point)

- b. What is the shaded share in Circle B called? (1 point)
 c. Which shaded share is smaller? (1 point)



Circle A

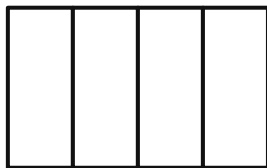


Circle B

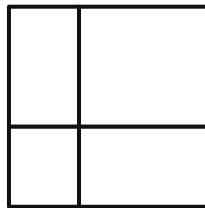
Two circles of the same size.

Question 6 - Find the fourths [3 pts]

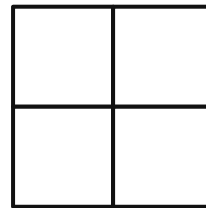
- a. Which shapes are cut into fourths? Write the letters. (2 points)
 b. Tell why one shape is not cut into fourths. (1 point)



A



B



C

Three shapes cut into 4 parts.

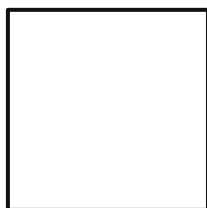
Question 7 - Cookie problem [3 pts]

Sofia cuts a round cookie into 4 equal pieces. She gives 1 piece to Liam.

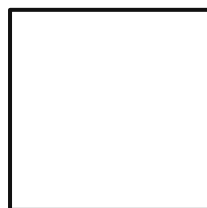
- a. What part of the cookie did Liam get? (1 point)
 b. How many pieces are left? Write an equation. (1 point)
 c. Sofia could have cut the cookie into 2 equal pieces. Would Liam's piece be bigger or smaller? (1 point)

Question 8 - Draw fourths [2 pts]

Draw lines to cut each square into fourths. Use a different cut for each square.



Square 1



Square 2

Cut each square into 4 equal shares.

Key facts behind this halves fourths test

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 test

Time yourself: the test is designed for an average student in 45 minutes. Answer the questions you are sure of first, then come back to the longer ones and check your units.