

Grade 1 - Halves and Fourths - Test Answer Key

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

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

This answer key gives the full solution and the scoring for each question of the halves and fourths test. Add the points to reach a score out of 20. For drawings, accept any cut that makes equal shares.

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

Halves fourths test answers: worked solutions

Question 1 - Count and name [2 pts]

- a. **4 equal shares**
- b. Each share is **a fourth** (also accept quarter).

Scoring: 1 point for 4. 1 point for fourth or quarter.

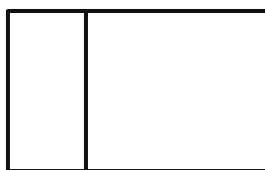
Question 2 - Halves or not [2 pts]

A has 2 parts of the same size. B has a small part and a big part. C has 2 matching triangles.

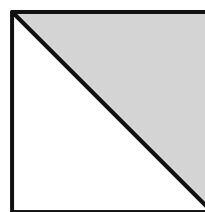
A and C



A
halves



B
not equal



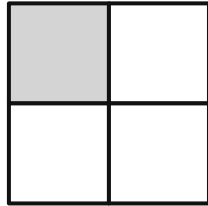
C
halves

A and C are halves.

Scoring: 1 point for each correct letter. Take away 1 point if B is written, but keep the score at 0 or more.

Question 3 - Shade and draw [3 pts]

- a. Any 1 of the 4 equal parts is shaded.
- b. One line down the middle or across the middle.
- c. **4 fourths**



Shape 1



Shape 2

One possible answer.

Scoring: 1 point for exactly one fourth shaded. 1 point for a line that makes 2 equal parts. 1 point for 4.

Question 4 - Fill in the words [2 pts]

- a. **halves**
- b. **quarter**

Scoring: 1 point for each correct word.

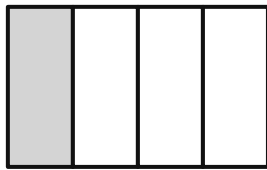
Question 5 - Compare shares [3 pts]

- a. **a half**
- b. **a fourth** (or quarter)
- c. The share in **Circle B** is smaller because the circle has more shares.

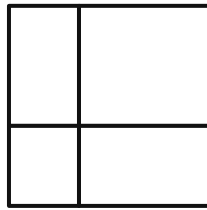
Scoring: 1 point for each part.

Question 6 - Find the fourths [3 pts]

- a. **A and C**
- b. Shape B has 4 parts, but the parts are not the same size.

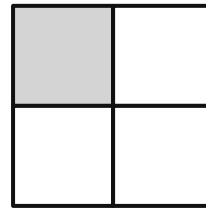


A



B

not equal



C

Equal parts in A and C.

Scoring: 1 point for each correct letter in part a. 1 point for saying the parts are not equal in size in part b.

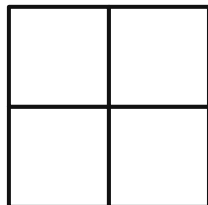
Question 7 - Cookie problem [3 pts]

- a fourth** (a quarter) of the cookie
- $4-1=3$, so **3 pieces** are left.
- Bigger**. A half is bigger than a fourth.

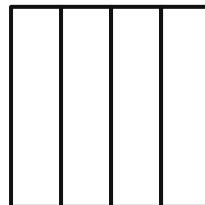
Scoring: 1 point for each part. In part b, give the point for 3 pieces with a correct equation.

Question 8 - Draw fourths [2 pts]

One square can be cut with a cross to make 4 squares. The other can be cut with 3 lines to make 4 strips.



Square 1



Square 2

Two ways to make fourths.

Scoring: 1 point for each square cut into 4 equal parts. The two cuts must be different.

Total score

Total

20 points

Key facts behind this halves fourths test answers
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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 answers
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Score your test with the point values shown for each question. Then read the worked solution of every question where you lost points and note the method to review.