

Y2 Fractions

KS1 Y2 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

A pizza is cut into 4 equal slices. What fraction is one slice?

Step 1 · There are 4 equal parts

Quarters

Step 2 · One of the 4 parts

$\frac{1}{4}$

Answer: One quarter, $\frac{1}{4}$

Check: 4 quarters make the whole pizza ✓

2. Now try one with the steps

Find $\frac{1}{2}$ of 8.

Step 1 · Halving means 2 equal groups

Step 2 · Share them out

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. A cake is cut into 2 equal pieces. What fraction is one piece?

2. A sandwich is cut into 3 equal pieces. What fraction is one piece?

3. How many quarters make a whole?

4. Find $\frac{1}{2}$ of 10.

5. Find $\frac{1}{2}$ of 18.

6. Find $\frac{1}{4}$ of 8.

7. Find $\frac{1}{3}$ of 9.

8. Find $\frac{1}{3}$ of 15.

9. Find $\frac{1}{4}$ of 20.

10. A rope is 12 m long. Find $\frac{1}{3}$ of its length in metres.

11. Which is bigger: $\frac{1}{2}$ or $\frac{1}{4}$ of the same pizza?

12. Complete: $\frac{1}{2}$ of 14 = ____

13. Leah has 16 stickers. She gives $\frac{1}{4}$ of them to her brother. How many does she give away?

14. A shape is cut into 3 parts, but they are different sizes. Is one part $\frac{1}{3}$? Write yes or no.

4. Before you hand it in

Thinking $\frac{1}{3}$ is bigger than $\frac{1}{2}$ because 3 is bigger than 2.

Picture the same cake cut into 2 and into 3. A half slice is bigger.

Calling any piece a third, even when the pieces are different sizes.

Check the parts are the same size before you name the fraction.

Finding $\frac{1}{4}$ of 12 by taking away 4.

Share 12 into 4 groups: 3 in each. So $\frac{1}{4}$ of 12 = 3.

Thinking a half must be split straight down the middle.

Any cut that makes 2 equal parts gives halves, such diagonal cut across a square.