

Y2 Three Quarters and Equivalence

KS1 Y2 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

A square is cut into 4 equal parts. 3 are shaded. What fraction is shaded?

Step 1 · 4 equal parts means quarters

The bottom number is 4

Step 2 · 3 parts are shaded

The top number is 3

Answer: $\frac{3}{4}$ (three quarters)

Check: $\frac{1}{4}$ is not shaded. The shaded and unshaded parts make the whole ✓

2. Now try one with the steps

Show that $\frac{2}{4}$ is the same as $\frac{1}{2}$.

Step 1 · Shade 2 of 4 equal parts of a bar

Step 2 · The shaded part covers half the bar

Answer:

3. Practice

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

1. A pizza has 4 equal slices. 3 are eaten. What fraction is eaten?

2. A bar has 4 equal pieces. 2 are shaded. Write the fraction shaded.

3. $\frac{2}{4}$ is the same fraction with only 2 parts?

4. If $\frac{3}{4}$ of a cake is eaten, what fraction is left?

5. How many quarters make one half?

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

7. Find $\frac{3}{4}$ of 8.

8. Find $\frac{2}{4}$ of 8.

9. Find $\frac{3}{4}$ of 16.

10. Find $\frac{3}{4}$ of 20.

11. A ribbon is 40 cm long. Find $\frac{3}{4}$ of its length.

12. Write $<$, $>$ or $=$: $\frac{2}{4}$ $\bigcirc$ $\frac{1}{2}$

13. Which is more: $\frac{1}{4}$ or $\frac{3}{4}$ of the same pizza?

14. Chloe has 12 sweets. She eats $\frac{3}{4}$ of them. How many sweets are left?

4. Before you hand it in

Thinking $\frac{3}{4}$ means 3 parts out of 3.

$\frac{3}{4}$ means the whole is cut into 4 equal parts and we have 3 of them.

Thinking $\frac{2}{4}$ is bigger than $\frac{1}{2}$ because the numbers are bigger.

Shade $\frac{2}{4}$ and $\frac{1}{2}$ on two bars of the same size. They cover the same amount.

Finding $\frac{3}{4}$ of 12 as 3 (only finding one quarter).

Find $\frac{1}{4}$ first (3), then take 3 lots of it: 9.

Finding $\frac{3}{4}$ of 12 by sharing into 3 groups.

Share into 4 groups, then count 3 of them.