

Y4 Adding Subtracting Fractions

KS2 Y4 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

$2/7 + 3/7$

Step 1 · The denominators are the same

We are adding sevenths

Step 2 · 2 sevenths + 3 sevenths

5 sevenths

Answer: $2/7 + 3/7 = 5/7$

Check: The denominator stays 7. Only the numerators are added ✓

2. Now try one with the steps

$9/10 - 4/10$

Step 1 · Same denominator

Step 2 · 9 tenths – 4 tenths

Answer:

3. Practice

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

1. $1/5 + 2/5$

2. $3/8 + 4/8$

3. $5/6 - 2/6$

4. $7/10 - 3/10$

5. $4/12 + 5/12$

6. $6/9 - 6/9$

7. $2/7 + 2/7 + 2/7$

8. Fill the gap: $3/10 + \square/10 = 10/10$

9. $1 - 4/9$

10. Fill the gap: $11/12 - \square/12 = 5/12$

11. Kai drank $2/8$ of a bottle of water in the morning and $3/8$ in the afternoon. How much has he drunk altogether?

12. Ruby has 1 whole pizza. She eats $3/6$ of it. How much is left?

13. $3/5 + 4/5 = 7/5$. How many whole ones and how many fifths is that?

14. A path is 1 km long. Ben walks $3/10$ of it, then another $4/10$. What fraction of the path is left?

4. Before you hand it in

$1/5 + 2/5 = 3/10$.

The denominator names the size of the parts. Fifths + fifths are still fifths: $1/5 + 2/5 = 3/5$.

$1 - 3/8 = 2/8$.

Write 1 as $8/8$ first. $8/8 - 3/8 = 5/8$.

$7/10 - 3/10 = 4/10$.

Only the numerators change: 7 tenths – 3 tenths = 4 tenths = $4/10$.

Thinking $4/5 + 3/5$ cannot be done because the answer is more than 1.

$7/5$ is fine: it is 1 whole and $2/5$. Draw two bars to see it.