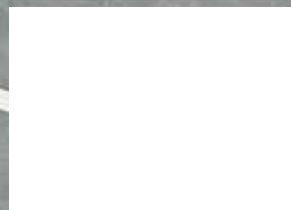


Maths Mastery

Year 4

Add and Subtract Fractions

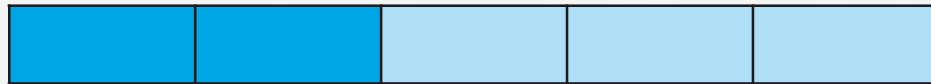


Add Fractions with the Same Denominator

Alfie is explaining to Fatima how to add fractions with the same denominator.

Here are 2 fractions represented by shaded rectangles. Explain to a partner how to add the fractions. The partner should repeat the explanation back to the first person, then suggest any improvements to the explanation.

$$\frac{2}{5}$$

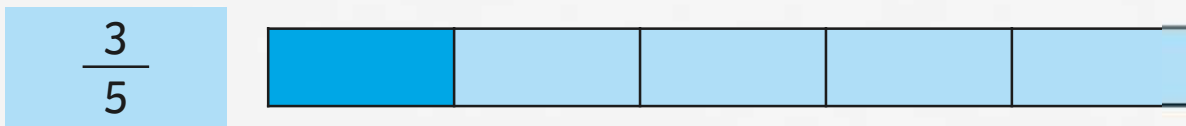
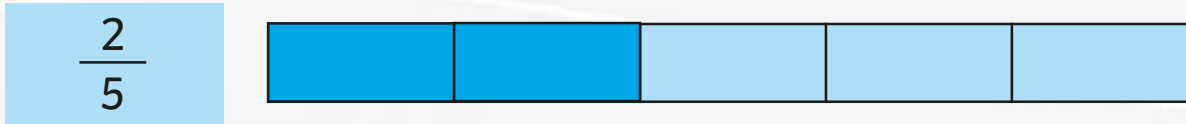


$$\frac{1}{5}$$

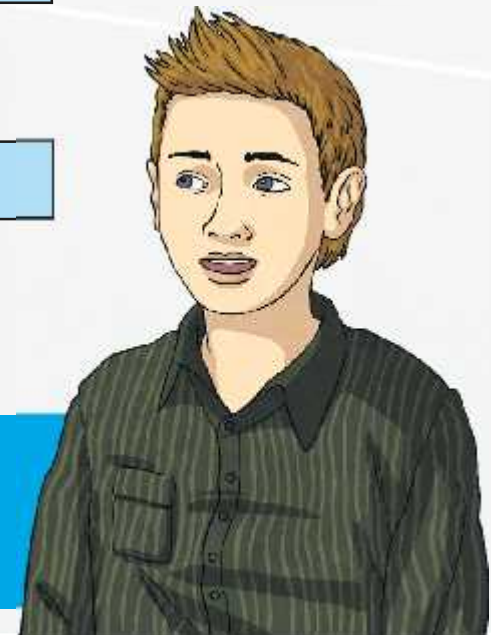


Add Fractions with the Same Denominator **Answer**

$\frac{2}{5} + \frac{1}{5}$ can be shown by combining the 2 diagrams.



1. Choose a fraction bar.
2. Combine the 2 diagrams to show $\frac{3}{5}$ shaded.



Subtract Fractions with the Same Denominator

Fatima is explaining to Laura how to subtract fractions with the same denominator.

Here is a fraction represented by shaded rectangles.

Write an explanation of $\frac{4}{5} - \frac{3}{5}$ using the diagram. Compare your explanation with a partner and make any necessary improvements.



$$\frac{4}{5}$$



Subtract Fractions with the Same Denominator **Answer**

$\frac{4}{5} - \frac{3}{5}$ can be shown by taking away $\frac{3}{5}$ of the rectangle - which is 3 shaded parts.



$$\frac{4}{5} - \frac{3}{5} = \frac{1}{5}$$

