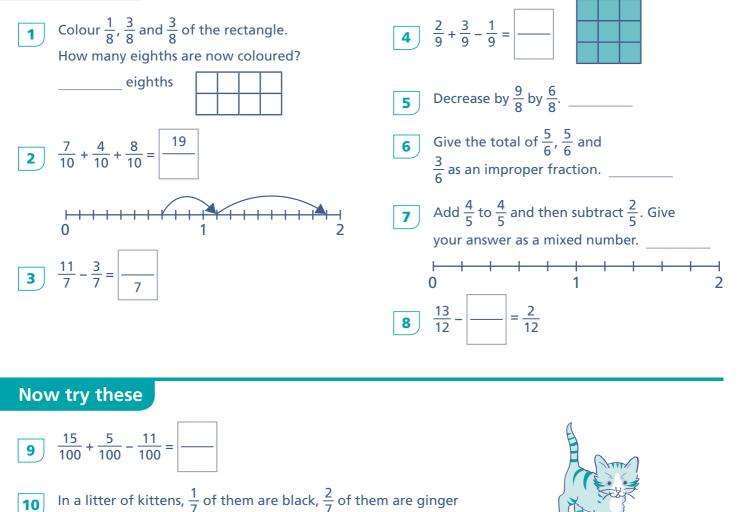
Key point

When adding or subtracting fractions, if the denominators are the same, **add or subtract the numerators only**. Use the same denominator. Some answers may be greater than 1. Such answers can be given as an **improper fraction** or a **mixed number**.

improper	mixed
fraction	number
denominator $\longrightarrow \frac{3}{10} + \frac{6}{10} + \frac{4}{10} = \frac{13}{10} =$	$1\frac{3}{10}$ 0 1 2
$\frac{11}{10} - \frac{6}{10} + \frac{2}{10} = \frac{7}{10}$ Look carefully at the sign	ns to see if you must add or subtract each fraction.

Get started



10 In a litter of kittens, $\frac{1}{7}$ of them are black, $\frac{1}{7}$ of them are ginger and the rest are brown. What fraction of the kittens are brown? ____

11 Find the values of *a* and *b*. $\frac{22}{10} - \frac{3}{10} = \frac{a}{10} = 1\frac{b}{10}$ $a = _$ $b = _$

12 Give the sum of five-sixths, two-sixths and ten-sixths as a mixed number.

13 Write the answer as a mixed number. $\frac{4}{12} + \frac{9}{12} - \frac{4}{12} + \frac{10}{12} = ---$

