



Equivalent fractions

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

 $\frac{1}{2}$

HOW TO ANSWER TODAY

- **Lowest terms.** Divide top and bottom by the same number until you can't go any further.
 $12/18 \div 6 \rightarrow 2/3$
- **Equivalent fractions.** Whatever you multiply (or divide) the bottom by, do the same to the top.
 $2/5 = ?/15$. Bottom $\times 3$, so top $\times 3 \rightarrow 6/15$



★ STRETCH PROBLEMS

- 1 5th class are lining up at the door before going to the yard. 18 of the 24 pupils have remembered their hi-vis vests for the walk. Write the fraction $18/24$ in its lowest terms.

Simplify $18/24$ to lowest terms.

- 2 On a sponsored cycle, Tadhg plans to complete 28 laps of the cycle path in Phoenix Park. He has finished $3/4$ of his laps so far. Fill in the missing number to show how many laps he has cycled:

 $3/4 = ?/28$.

- 3 In 5th class, $11/12$ of the pupils volunteered for the school-bag rota for the term. The teacher writes the same fraction with 60 as the denominator on the chart. Fill in the missing number:

 $11/12 = ?/60$. $\frac{1}{2}$  $\frac{1}{2}$ 