

Equivalent fractions

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

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** .