

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.

$$12/18 \div 6 \rightarrow 2/3$$

 STRETCH PROBLEMS

- 1** Mr Ó Briain prints **30** maths worksheets in the photocopier room for 5th class tomorrow. **27** of the **30** worksheets are stapled and ready to go. Write the fraction **27/30** in its lowest terms.

Simplify $\frac{27}{30}$ to lowest terms.

- 2 At the school athletics sports day, 3 of the 6 sprint races were won by 5th class. What is the fraction $\frac{3}{6}$ in its lowest terms?

Simplify $\frac{3}{6}$ to lowest terms.

- 3 Saoirse invites friends to a sleepover and lays out 20 biscuits on a tray. By bedtime, 15 of the 20 biscuits have been eaten. Write the fraction $\frac{15}{20}$ in its lowest terms.

Simplify $\frac{15}{20}$ to lowest terms.

- 4 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 $\frac{18}{24}$ in its lowest terms.

Simplify $\frac{18}{24}$ to lowest terms.

- 5 5th class travel by coach to the Burren in Clare. 55 of the 60 seats on the coach are filled. Simplify the fraction of seats filled to its lowest terms.