

Equivalent fractions and simplest form

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

- After the club hurling match at the local pitch, **24** of the **30** sliotars were still fit to use. Simplify the fraction **24/30** to its lowest terms.
- For Halloween, Saoirse's family cut a barmbrack into **60** small pieces. The children take **18** of the pieces to share with neighbours. Simplify the fraction **18/60** to its lowest terms.
- Saoirse has **40** raisins in her lunchbox on Tuesday. She eats **25** of them at break time. Simplify the fraction **25/40** to its lowest terms.
- Aoife is at Camogie training under the floodlights. She lands **2** of her **4** practice free shots on target. Simplify **2/4** to lowest terms.
- Saoirse is packing sandwiches for the 6th class picnic. **14** of the **21** sandwiches are cheese. What is **14/21** in its simplest form?
 Simplify 14/21 to lowest terms.



$$\frac{1}{2}$$



$$\frac{1}{2}$$

NUMBER



$$\frac{1}{2}$$

