

Adding and subtracting mixed numbers

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

HOW TO ANSWER TODAY

- **Different-bottom fractions.** Bottoms different → make them the same first (common denominator). Then add or subtract the tops.

★ STRETCH PROBLEMS

- 1 5th class baked trays of fudge for the Christmas hamper raffle. They started with $4 \frac{3}{4}$ trays of fudge in the staffroom fridge, and sold $2 \frac{7}{16}$ trays at the raffle stall on Friday. How many trays of fudge are left?
- 2 Mr O'Sullivan uses $\frac{3}{4}$ of one box of photocopier paper for the maths worksheets, then $\frac{3}{5}$ of a second box for the English worksheets. How many boxes of paper has he used altogether?
- 3 5th class rehearse their assembly piece for $4 \frac{4}{5}$ hours in the first week and $2 \frac{3}{5}$ hours in the second week. How many hours have they rehearsed in total?
- 4 Before a yard game, Oisín tosses a coin to see who fills the water jugs first. He pours $4 \frac{2}{5}$ litres into the jug, then his team uses $1 \frac{2}{5}$ litres during the match. How many litres are left in the jug?
- 5 Saoirse's granny bakes two barmbracks for Halloween. The family eats $\frac{2}{5}$ of the first barmbrack on Saturday and $\frac{1}{6}$ of the second barmbrack on Sunday morning. How much barmbrack have they eaten in total?



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



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

NUMBER



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

