

Adding and subtracting fractions with the same denominator

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

HOW TO ANSWER TODAY

- **Same-bottom fractions.** Bottoms already match → add or subtract the tops. Write the answer in lowest terms.

$$3/5 + 1/5 = 4/5 \quad 5/8 - 3/8 = 2/8 = 1/4$$

STRETCH PROBLEMS

- 1 Saoirse's nan bakes two barmbracks for the Halloween weekend, each cut into 7 equal slices. On Saturday the family eats $4/7$ of the first brack, and on Sunday they eat $4/7$ of the second brack. How much barmbrack have they eaten in total?
- 2 Cian has cycled $7/8$ of a lap around the local cycle path on his sponsored cycle. His friend Tadhg has cycled $2/8$ of a lap so far. How much further around the lap is Cian than Tadhg?
- 3 On Monday morning, Mr Ó Briain pours $8/9$ of a litre of milk into one jug for the 5th class breakfast club, then pours another $4/9$ of a litre into a second jug. How many litres of milk has he poured in total?