

Adding and subtracting fractions with unlike denominators

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 Fionn has $\frac{4}{6}$ of a jug of squash left after break. He pours out $\frac{2}{10}$ of a jug for his little sister. How much squash is left in the jug?
- 2 On the 6th class school tour to the Cliffs of Moher, Aoife packs two bottles of juice for the picnic. She drinks $\frac{4}{6}$ of the first bottle and $\frac{7}{10}$ of the second bottle. How much juice does she drink in total?
- 3 Saoirse fills $\frac{3}{5}$ of one lunch tray with sandwiches and $\frac{4}{6}$ of a second tray with juice cartons in the school canteen. How much tray space has she filled in total?
- 4 Saoirse packs for the school tour. She fills $\frac{1}{3}$ of one bag with books and $\frac{3}{4}$ of another bag with PE kit. How much bag space has she filled in total?
- 5 Cian brings a bottle of water to the club hurling match at the local pitch. He drinks $\frac{1}{5}$ of it before the throw-in and $\frac{4}{6}$ of it during the second half. What fraction of the bottle does he drink in total?



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



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

NUMBER



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

