

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 Fionn collected $5 \frac{1}{6}$ bags of autumn leaves for the 6th class art lesson. He used $4 \frac{1}{3}$ bags to make collages. How many bags of leaves does he have left?
- 2 Tadhg helps at the Cumann na mBunscol blitz at the county grounds. He spends $5 \frac{1}{4}$ hours on Saturday and $2 \frac{7}{12}$ hours on Sunday. How many hours does he help in total?
- 3 Saoirse and Eoin are cousins meeting at granny's house for Sunday dinner. Saoirse eats $\frac{1}{6}$ of the apple tart and Eoin eats $\frac{4}{10}$ of it. How much of the apple tart have they eaten in total?
- 4 Aoife has $2 \frac{1}{2}$ litres of apple juice left from the class picnic. She pours out $1 \frac{5}{6}$ litres to share with her friends. How much apple juice is left?
- 5 The 6th class line up at the classroom door before going to the yard. Their line stretches $4 \frac{1}{2}$ metres along the corridor. After $1 \frac{1}{2}$ metres of the line peel off for the library, how many metres long is the remaining line?



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



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

NUMBER



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

