

Ratio: the basic idea

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

HOW TO ANSWER TODAY

- **Share in a ratio.** Add the ratio parts. Divide the total by that number to find ONE part. Multiply each ratio number by it.

★ STRETCH PROBLEMS

- 1 Cara's school raises €90 at their Cumann na mBunscol blitz cake stall. The money is shared between the hurlers, the camogie players and the Gaelic footballers in the ratio 1:2:3. How much does each group receive?
- 2 5th class have €120 to spend on decorations for World Book Day. They split the money between bunting, posters and book covers in the ratio 2:3:5. How much do they spend on each?
- 3 5th class raise €100 at the school bake sale to put towards their class trip. They share the money between buns, brownies and rocky road in the ratio 2:3:5 to plan next week's bake. How much money goes to each item?
- 4 Cian, Aoife, Liam and Saoirse have saved €221 between them for new GAA jerseys. They share the money in the ratio 2:3:5:7. How much does each of them get?
- 5 5th class raise €90 at the bake sale tray during break. They agree to share the money between the GAA club, the school garden and the book fund in the ratio 2:3:5. How much does each group get?