

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.

Share €90 in 2:3 → 5 parts, $€90 \div 5 = €18$ per part → €36 and €54

STRETCH PROBLEMS

- 1 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?
- 2 Cian, Saoirse and Tadhg share out **35** library books to carry back to the classroom in the ratio **1:2:4**. How many books does each child carry?
- 3 Saoirse is hosting a sleepover and lays out **72** biscuits on two trays for the snack table. She splits the biscuits between the chocolate tray and the plain tray in the ratio **1:5**. How many biscuits are on each tray?
 Share 72 in the ratio 1:5.