

Introducing ratio as comparison of quantities

MODULE 4 · RATIO AND PROPORTION 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 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 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 €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?
- 4 5th class sell 54 raffle tickets for the Christmas hamper. The tickets are split between boys and girls in the ratio 1:5. How many tickets does each group sell?
- 5 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?



$\frac{1}{2}$



$\frac{1}{2}$

NUMBER



$\frac{1}{2}$

