# Sharing a quantity in a given ratio

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.
  Share €90 in 2:3 → 5 parts, €90 ÷ 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. 5th class bake **70** buns for the cake sale to raise money for the Junior Infants' new playground. They split the buns between the school hall stall and the yard stall in the ratio **2:5**. How many buns go to each stall?
   > Share 70 in the ratio 2:5.

3. 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?

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?
   > Share 54 in the ratio 1:5.