

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.

STRETCH PROBLEMS

- 1 6th class raise €80 from lunchtime soccer matches in the schoolyard. They share the money between three local causes in the ratio 1:3:4. How much does each cause receive?
- 2 The 6th class bake sale raised €80. The money is shared between the library fund, the sports fund and the garden fund in the ratio 2:3:5. How much does each fund receive?
- 3 The 6th class school tour fund has €12 left to share this week. The money is split between the bus, lunches and entrance fees in the ratio 1:2:3. How much does each part get?
- 4 Niamh, Cian and Saoirse stop at the corner shop on the way home from school with €78 to share. They split the money in the ratio 1:2:3. How much does each of them get?
- 5 Niamh, Aoife, Saoirse and Caoimhe raise €187 for new Camogie kit after a training session under the floodlights. They share the money in the ratio 2:3:5:7. How much does each girl receive?



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



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

NUMBER



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

