

Finding a half, a third and a quarter of a quantity

MODULE 3 · FRACTIONS AND FIRST DECIMALS NUMBER

HOW TO ANSWER TODAY

- **Fraction of a quantity.** Divide the quantity by the bottom number (denominator). Multiply by the top number (numerator).

 STRETCH PROBLEMS

- 1** **95** pupils from 3rd and 4th class are on a coach trip to the Burren in Clare. **$\frac{3}{5}$** of the pupils bring a packed lunch from home. How many pupils bring a packed lunch?

What is $\frac{3}{5}$ of 95?

- 2 Aoife has a packet of 80 biscuits to share at her sleepover. She gives $\frac{1}{10}$ of the biscuits to her little brother before her friends arrive. How many biscuits does her brother get?

What is $\frac{1}{10}$ of 80?

- 3 Aoife brings 48 biscuits to her sleepover with her cousins. The friends eat $\frac{2}{3}$ of the biscuits before bedtime. How many biscuits do they eat?

What is $\frac{2}{3}$ of 48?

● INVESTIGATE

Fractions of our class

Count how many pupils are in your class today. Work out **one half**, **one quarter** and (if you can) **one third** of that number. What will you do if the number does not share equally? Show your working.