

Fraction word problems in real-life contexts

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

HOW TO ANSWER TODAY

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

$$3/5 \text{ of } 20 \rightarrow 20 \div 5 = 4, \times 3 = 12$$

 STRETCH PROBLEMS

- 1 5th class are making 95 sandwiches for their school picnic at the Cliffs of Moher. $\frac{3}{5}$ of the sandwiches are ham and cheese. How many ham and cheese sandwiches are there?

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

- 2** **48** pupils from 5th class travel to the Burren in Clare on a coach trip. **$\frac{2}{3}$** of the pupils bring a packed lunch from home. How many pupils bring a packed lunch?

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

- 3 The school canteen has 39 cartons of milk in the fridge at the start of lunch. By the end of the lunch break, $\frac{2}{3}$ of the cartons have been sold. How many cartons have been sold?

What is $\frac{2}{3}$ of 39?