

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).

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

 STRETCH PROBLEMS

- 1 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?

- 2** **160** pupils from 5th class set off on a coach trip to the Burren in Clare. By lunchtime, **7/10** of the pupils have filled in their nature worksheets. How many pupils have filled in their worksheets?

What is $\frac{7}{10}$ of 160?