

Fraction of a quantity

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 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 5th class have 80 library books to bring back to the school library across the term. On the school-bag rota, Tadhg agrees to carry $\frac{1}{10}$ of the books in his schoolbag this week. How many books does Tadhg carry?

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

- 3** **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?