

Finding a 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).

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

STRETCH PROBLEMS

- 1 Caoimhe's 6th class are decorating the classroom for World Book Day. They have **60** stickers for the display wall and use **$3/4$** of them. How many stickers do they use?

What is $3/4$ of 60?

- 2 Cara opens a packet of **24** biscuits at break time. She shares **$3/4$** of the packet with her friends. How many biscuits does she share?

What is $3/4$ of 24?

- 3 Saoirse has **60** stickers ready for the class noticeboard. She uses **$5/12$** of them on the homework chart. How many stickers does she put on the homework chart?

What is $5/12$ of 60?

- 4 Cian is tracking the bird-feeder at the classroom window. The feeder holds **192** seeds at the start of the week, and by Friday the birds have taken **$7/12$** of them. How many seeds have the birds taken?

What is $7/12$ of 192?

- 5 Niamh brings **33** biscuits to the sleepover. Her friends eat **$2/3$** of the biscuits. How many biscuits do they eat?

What is $2/3$ of 33?



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



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

NUMBER



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

