

Finding a non-unit fraction 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 On the school nature walk through the local park, 4th class spot **35** birds in total. **$\frac{3}{5}$** of the birds are robins. How many robins do they spot?
What is $\frac{3}{5}$ of 35?
- 2 Fionn plans to cycle **66** laps of the cycle path on the sponsored cycle. By lunchtime he has finished **$\frac{5}{6}$** of the laps. How many laps has Fionn cycled so far?
What is $\frac{5}{6}$ of 66?
- 3 **192** tickets are sold for the club hurling match at the local pitch. **$\frac{7}{12}$** of the tickets are for the covered stand. How many stand tickets are sold?
What is $\frac{7}{12}$ of 192?
- 4 For the class picnic, Aoife's group makes **120** sandwiches. They wrap **$\frac{3}{5}$** of the sandwiches in tinfoil to keep them fresh. How many sandwiches do they wrap in tinfoil?
What is $\frac{3}{5}$ of 120?
- 5 In the school polytunnel, 3rd and 4th class have **95** seed pots to fill in spring. They fill **$\frac{3}{5}$** of the pots on the first afternoon. How many pots do they fill?
What is $\frac{3}{5}$ of 95?

● INVESTIGATE

Fraction feast for the class

A school bake sale has 24 plain scones and 36 fruit scones. Work out **one half**, **one third** and **three quarters** of each tray. If your class eats two thirds of the plain and three quarters of the fruit, how many of each are left? Show how you found each amount.



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



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

NUMBER



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

