

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).

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 There are **132** pupils in 5th and 6th class altogether at the school in Galway. On Monday morning the teachers note that **$\frac{7}{12}$** of the pupils have signed up for the Cumann na mBunscol blitz on Friday. How many pupils have signed up?
What is $\frac{7}{12}$ of 132?
- 3 **120** pupils take part in the after-school Camogie training session under the floodlights. **$\frac{3}{5}$** of the pupils are from 5th class and the rest are from 6th class. How many pupils are from 5th class?
What is $\frac{3}{5}$ of 120?
- 4 There are **66** stickers ready for the class noticeboard. Cian pins up **$\frac{5}{6}$** of them for the homework chart. How many stickers does he pin up?
What is $\frac{5}{6}$ of 66?
- 5 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?



$\frac{1}{2}$



$\frac{1}{2}$

NUMBER



$\frac{1}{2}$

