

Converting fractions to decimals

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

HOW TO ANSWER TODAY

- **Fraction · decimal · %.** Divide top by bottom to get a decimal. Multiply a decimal by 100 to get a percent. Write fractions in lowest terms.

$$1/4 = 0.25 = 25\% \quad 0.6 = 60\% = 3/5$$



STRETCH PROBLEMS

- 1 On the school tour to the Cliffs of Moher, **75%** of 5th class bring a packed lunch from home. Write **75%** as a fraction in its lowest terms and as a decimal.
- 2 In Mr Byrne's 5th class library, **0.75** of the books borrowed last week were returned by Friday. Write **0.75** as a fraction in its lowest terms and as a percentage.
- 3 In 5th class, **3/5** of the pupils have a turn carrying the GAA kit bag back from training each week. Write **3/5** as a decimal and as a percentage.
- 4 5th class are watching the bird feeder at the classroom window during nature week. Out of the visits Niamh tallies on Monday, **75%** are by goldfinches. Write **75%** as a fraction in its lowest terms and as a decimal.
- 5 At granny's Sunday dinner, Saoirse notices that **20%** of the cousins around the table chose mashed potato instead of roast. Write **20%** as a fraction in its lowest terms and as a decimal.



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



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

NUMBER



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

