

Converting decimals to fractions

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 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.
- 3 On the coach trip to the Burren, **3/5** of the 5th class pupils choose to bring a packed lunch from home. Write this fraction as a decimal and as a percentage.