

Decimals and fractions – they're the same thing

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 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.
- 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 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.
- 4 Saoirse and her 5th class collect autumn leaves for an art lesson in the school garden. Of all the leaves gathered, 0.75 of them are golden brown. Express 0.75 as a fraction in lowest terms and as a percentage.
- 5 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.