

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 Fionn takes part in the relay at the school athletics sports day. He runs **0.375** of the full course. Express **0.375** as a fraction in lowest terms and as a percentage.
- 2 Méabh's family bake a barmbrack for Halloween weekend. After supper, **9/10** of the loaf is still left. Express **9/10** as a decimal and as a percentage.
- 3 At granny's house for Sunday dinner, the cousins notice that **0.6** of the apple tart is still left on the plate. Express **0.6** as a fraction in lowest terms and as a percentage.
- 4 Saoirse's class is sharing out a packet of biscuits at break time. **25%** of the packet is kept for the yard later. Express **25%** as a fraction in lowest terms and as a decimal.
- 5 Saoirse's 6th class are decorating the classroom noticeboard for World Book Day. They have covered **90%** of the board with colourful book posters. Express **90%** as a fraction in lowest terms and as a decimal.



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



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

NUMBER



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

