

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.

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

 STRETCH PROBLEMS

- 1** 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.

- 2 On the coach trip to the Burren, $\frac{3}{5}$ of the 5th class pupils choose to bring a packed lunch from home. Write this fraction as a decimal and as a percentage.