

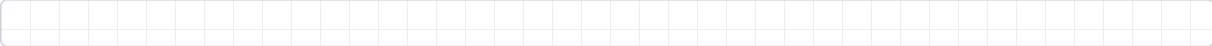
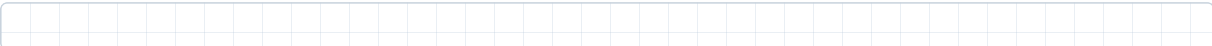
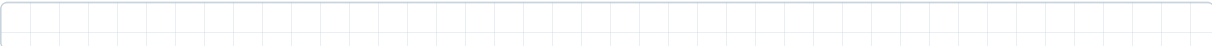
Fraction-decimal-percentage equivalence mastery

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

HOW TO ANSWER TODAY

- **Percent of a quantity.** Find 10% first ($\div 10$) and build up, or find 1% ($\div 100$) and multiply.
20% of 50 $\rightarrow$ 10% of 50 = 5, $\times 2 = 10$

STRETCH PROBLEMS

- 1 Mr Ó Briain's 5th class are lining up at the door before going out to the yard. He shows a 10×10 grid on the whiteboard and asks the class to shade 17% of it. How many of the 100 small squares should be shaded?

- 2 The SuperValu near Niamh's school has 280 loaves of bread delivered on Monday morning. By lunchtime, 75% of the loaves have been sold. How many loaves have been sold?

- 3 Cian and his sister Saoirse get €960 between them for minding their grandad's garden over the summer. They agree to split the money fairly, so Saoirse takes 50% of the €960. How much does Saoirse get?

- 4 Síle bakes a Halloween barmbrack and decorates the top with a 10×10 grid of raisins and sultanas. She uses raisins on 64 of the 100 squares and sultanas on the rest. What percent of the grid is covered in raisins?

On a 10×10 grid, 64 of the 100 small squares are shaded. What percent is shaded?

