

Frequency tables and grouped data

MODULE 9 · DATA AND CHANCE DATA & CHANCE

HOW TO ANSWER TODAY

- **Tally marks.** Tally marks come in gates of 5. Count gates $\times 5$, then add the singles.

★ STRETCH PROBLEMS

- 1 In 6th class the pupils recorded reading scores from a term of weekly tests in a frequency table. The table has 3 rows with these counts: 4, 11 and 9. What is the total number of responses across all rows?
- 2 Cian's 6th class complete a survey on weekly pocket money and make a frequency table with 3 rows showing counts of 7, 2 and 13. What is the total number of responses across all rows?
- 3 Cian and his classmates timed how fast water trickles through soil samples in a science investigation. They recorded the results in a frequency table with 3 rows showing counts of 3, 17 and 21. What is the total number of responses across all rows?
- 4 Aoife's 6th class measured the heights of the pupils and put the results in a frequency table with 3 rows. The counts in the rows are 8, 2 and 6. What is the total number of responses across all rows?
- 5 Mr Ó Briain keeps a frequency table of reading-test scores for 6th class across the term. 19 pupils scored in the lowest band, 13 in the middle band, and 16 in the top band. How many pupil scores are recorded in the table altogether?