

Big investigation: how tall is the school?

MODULE 9 · MATHEMATICAL MODELING AND END-OF-YEAR REVIEW

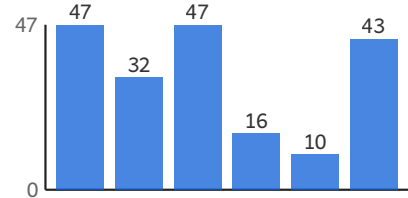
REVIEW

HOW TO ANSWER TODAY

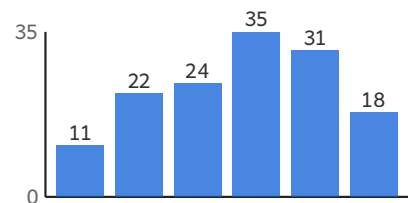
- **Mean (average).** Add ALL the numbers. Divide by HOW MANY there are.

★ STRETCH PROBLEMS

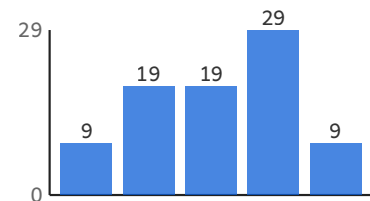
- 1 Cian, Aoife, Tadhg, Saoirse, Liam and Róisín timed their journeys to school one morning. Their times in minutes were **47**, **32**, **47**, **16**, **10** and **43**. What is the mean journey time?



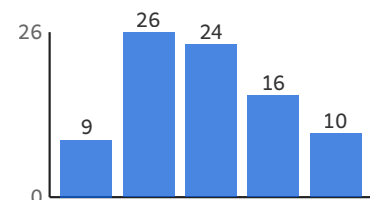
- 2 The pupils in 5th class scored **11**, **22**, **24**, **35**, **31** and **18** points in a Gaelic football skills test. What is the mean score?



- 3 In a 5th class science investigation, Tadhg measures how many seconds water takes to trickle through five soil samples. His times are **9**, **19**, **19**, **29** and **9 seconds**. What is the mean trickle time across the five samples?



- 4 The school weather chart logged the rainfall on five rainy days last fortnight as **9 mm**, **26 mm**, **24 mm**, **16 mm** and **10 mm**. What is the mean rainfall across those five days?



- 5 Oisín counts the books borrowed from the 5th class library corner each day this week. The daily totals are **23**, **11**, **22**, **16** and **18** books. What is the mean number of books borrowed per day?

