

The mean as a measure of centre

MODULE 9 · DATA AND CHANCE DATA & CHANCE

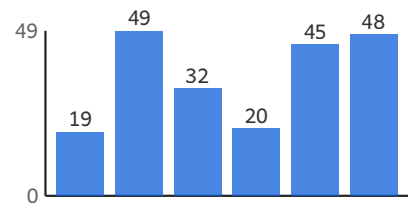
HOW TO ANSWER TODAY

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

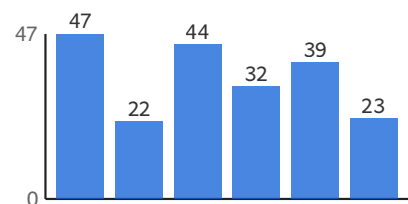
Mean of 2, 5, 6, 9 $\rightarrow (2+5+6+9) \div 4 = 22 \div 4 = 5.5$

STRETCH PROBLEMS

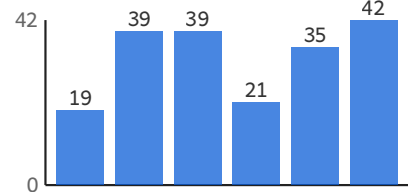
- 1 Cian records his scores out of 50 on six weekly spelling tests in 5th class. His scores are 19, 49, 32, 20, 45 and 48. What is the mean score across the six tests?



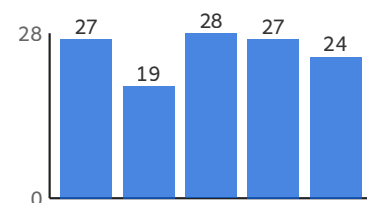
- 2 5th class tracked the rainfall on the school weather chart for six days in October. The readings in millimetres were 47, 22, 44, 32, 39 and 23. What is the mean rainfall across these six days?



- 3 Six pupils in 5th class track their pocket money in euro across the half-term. The amounts saved are €19, €39, €39, €21, €35 and €42. What is the mean amount saved?



- 4 Saoirse counts how many pupils cycle to school each day for a class survey. Over five days the numbers are 27, 19, 28, 27 and 24. What is the mean number of pupils who cycle each day?



- 5 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?

