

End-of-year review – data, chance and algebra; maths-journal reflection

MODULE 10 · ALGEBRA — PATTERNS, RULES AND NUMBER SENTENCES

ALGEBRA

HOW TO ANSWER TODAY

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

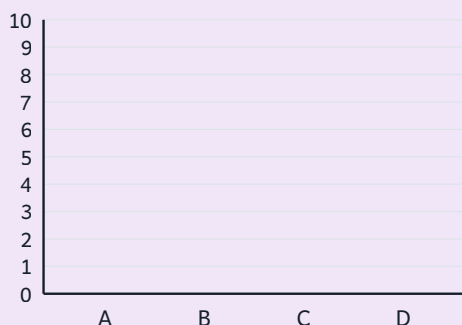
Mean of 2, 5, 6, 9 → $(2+5+6+9) \div 4 = 22 \div 4 = 5.5$

- **Chance words.** Choose from: impossible · unlikely · even · likely · certain.

Sun rising tomorrow → certain · Coin landing heads → even

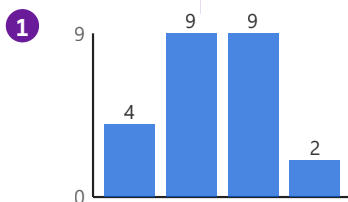
TRY IT ON THE LINE

Draw the bars for the class data, then read the chart.



1. Draw a bar for each category to the right height.
2. Label the scale clearly (in 1s or 2s).
3. Answer: which is most? which is least? how many more?

PRACTICE



Cian tallies the colours of cars at the school gate at home time. He counts **4** red cars, **9** silver cars, **9** black cars and **2** blue cars. What is the mean number of cars per colour?

- 2 At the Cumann na mBunscol blitz, 3rd class are counting how many supporters arrive at the county grounds each ten minutes. The first four counts are **5**, **15**, **25**, **35**. If the pattern continues, how many supporters arrive in the next ten minutes?

What comes next in the sequence: 5, 15, 25, 35, ____?