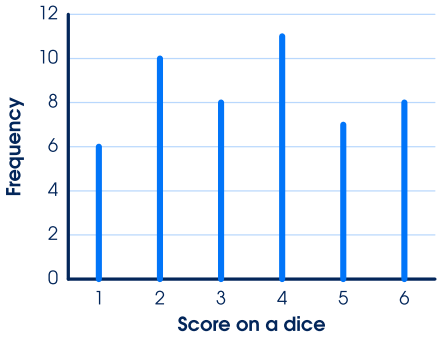
GCSE FOUNDATION · REVISION MAT 2

Vertical line charts

1 The vertical line chart shows the number of score on a dice.



(a) Write down the mode.

(b) How many results are shown altogether?

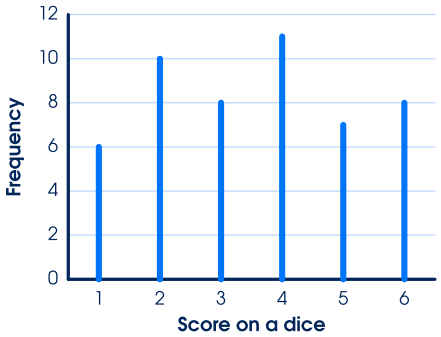
2 The table shows some data.

Value	1	2	3	4	5	6
Frequency	8	9	9	8	8	8

Draw a vertical line chart for the data.

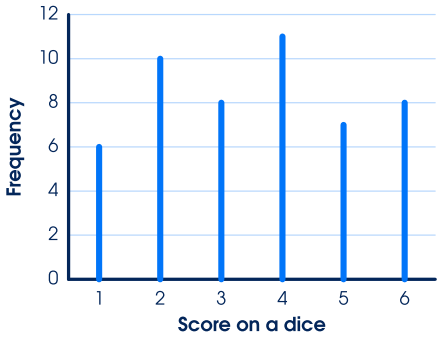
3 Explain why a vertical line chart is suitable for discrete data, such as the number of goals scored.

4 The vertical line chart shows the number of score on a dice.



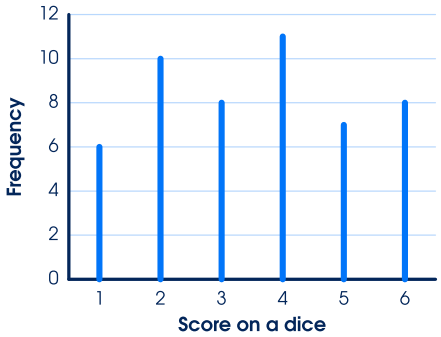
Show that the median is 4.

5 The vertical line chart shows the number of score on a dice.



Work out the mean.

6 Class A's results are shown in the chart. Class B has a mean of 3.46.

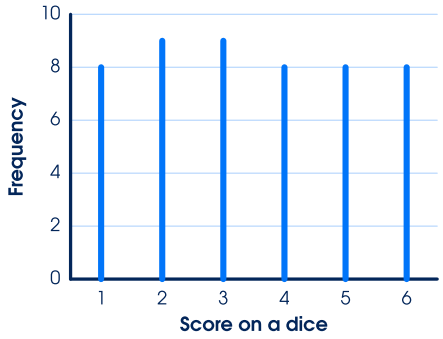


Which class has the higher mean? Show your working.

1 (a) **4**

(b) 6 + 10 + 8 + 11 + 7 + 8 = **50**

2



3 Discrete data can only take certain values (like 0, 1, 2).

A line at each value shows there are no values in between.

ANSWERS · REVISION MAT 2

Vertical line charts

4 50 values, so the median is the 25.5th value.

Counting up the frequencies, it is **4** ✓

5 1×6 + 2×10 + 3×8 + 4×11 + 5×7 + 6×8 = 177

177 ÷ 50 = **3.54**

6 Class A mean = 3.54

Class A has the higher mean.