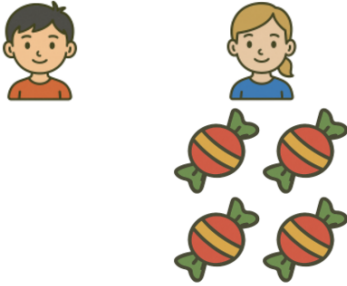


Calculate mean, median, mode, and range

- 1 What is the MEAN (average) number of candies per kid?



0

4

A 1	B 3	C 2
D 7	E 5	F 0

- 2 Find the mean of the numbers (4, 6, 4, 2) using the formula

$$\frac{4 + 6 + 2}{3}$$

A 6	B 6	C 2
D 7	E 5	F 8

- 3 What is the median of this data set?
46, 33, 93, 63, 71, 68, 44, 39

A 41.5	B 69.5
C 55.5	D 54.5

- 4 Find the median of these numbers

6, 9, 5

A 1	B 2	C 3
D 6	E 10	F 8

- 5 Choose the formula or guide for the median of these numbers

7, 4, 11, 14, 4

A $\underline{4} \ 4 \ 7 \ 11 \ \underline{14}$ $14 - 4$	B $\underline{4} \ \underline{4} \ 7 \ 11 \ 14$ <i>two 4s</i>
C $\begin{array}{ccccc} 4 & 4 & 7 & 11 & 14 \\ \rightarrow & \rightarrow & & \leftarrow & \leftarrow \end{array}$	D $\frac{7 + 4 + 11 + 14 + 4}{5}$

- 6 How would you calculate this measurement?

The average of a set of numbers

☐ Add up all the numbers and divide by how many numbers there are

☐ Put the numbers in order and choose the middle one

☐ Count how many of each number there are and choose the one that is most common

☐ Subtract the smallest number from the biggest number



Calculate mean, median, mode, and range

7 Find the measurement that this definition describes

The middle number of a set of numbers when ranked in order

A Mean	B Mode
C Median	D Range

8 Find the approach that you would use to calculate this measurement

Range

- A Count how many of each number there are and choose the one that is most common
- B Put the numbers in order and choose the middle one
- C Subtract the smallest number from the biggest number
- D Add up all the numbers and divide by how many numbers there are

9 What is the third quartile (Q3) of this data set?
72, 86, 47, 17, 24, 11, 25, 54, 40, 16

A 35.5	B 17
C 32.5	D 54

10 What is the median of this data set?
39, 41, 50, 52, 5, 46, 35, 27, 69, 69

A 35	B 52
C 43.5	D 64

11 Find the mean of these numbers

6, 5, 8, 9

A 7	B 9	C 3
D 5	E 12	F 2

12 Find the mode of the numbers (9, 9, 6, 4, 2, 0) using the guide

0 2 4 9 9

two 9s

A 6	B 4	C 8
D 3	E 9	F 7