

Mean, Median, Mode and Range

Cheat sheet with steps, a memory rhyme and practice sets

Mean (the average)

Add all the numbers, then divide by how many numbers there are. 4, 8, 15, 16, 23, 42: $108 \div 6 = 18$.

Median (the middle)

Put the numbers in order. With an odd count, take the middle one. With an even count, average the two middle numbers.

Mode (the most)

The value that appears most often. A set can have one mode, several modes or no mode.

Range (the spread)

Largest number minus smallest number.

Memory rhyme

Hey diddle diddle, the median is the middle. You add and divide for the mean. The mode is the one that appears the most, and the range is the difference between.

Practice (answers: mean, median, mode, range)

Set	Numbers	Answers
A	3, 5, 5, 7, 10	6, 5, 5, 7
B	12, 4, 9, 4, 6	7, 6, 4, 8
C	20, 25, 30, 35	27.5, 27.5, none, 15
D	1, 2, 2, 3, 3, 9	3.33, 2.5, 2 and 3, 8