

Quiz: Central Tendency - Mean, Mode, Median

John consumes 1.5, 2.3, 2.2, 1.3, 1.4, 2.1 and 2 g of mint respectively in a week. How much sugar did he consume on an average in the week?

1. Find the mean.
2. Find the median.
3. Find the mode.

Prepare a frequency distribution with a class interval of 0.4 for the above data set.

4.

Sugar amount	Frequency

5. Find the modal interval.
6. What would be the average if he consumes 0.4 g more mint every day?
7. What would be the mode if he consumes 0.4 g more mint every day?
8. For what value of n will 7, 9 and n have the same mean (average) as that of 8 and 5?
9. On his first 5 English tests, John received the following scores: 80, 73, 84, 69 and 79. What test score must John earn on his sixth test so that his average (mean score) for all six tests will be 85?
10. A tally was made of the number of times each color paper was used in a craft class by a kindergarten class. Which measure of central tendency should the teacher use to determine which color paper is the favorite color paper of her class?

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%