

Quiz: Central Tendency and dispersion

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 the data set :{35, 42, 54, 96, 100, 112, 110}find the interquartile range.

9. If all of the data in a set were multiplied by 18, the variance of the new data set would be changed by a factor of _____.

10. If the five numbers {14, 15, 18, x, y} have a mean of 16 and a standard deviation of $\sqrt{2}$, find x and y given that $y > x$.

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%