Variance

The variance is the arithmetic average of the squared differences between each number and the mean of the collection of numbers. Sounds impressive, doesn't it? Remember, it's just arithmetic!

To find the variance,
1.   find the mean of the group.
2.   subtract the mean from every score.
3.   square each of those differences.
4.   add all those and divide by the number of scores.

$$\text{Variance} = \frac{1}{n}\sum_{i=1}^{n}\left(x_i - \bar{x}\right)^2$$

Find the variance of Carl's scores

Carl's scores were 65, 75, and 100.

$$\text{Variance} = \frac{1}{n}\sum_{i=1}^{n}\left(x_i - \bar{x}\right)^2$$