Standard Deviation

The most common measure statisticians use to describe the spread is called the standard deviation. To find the standard deviation, all you do is take the square root of the variance.

So, using Carl's scores, we found the mean was 80, his variance was 216.6. Now take the square root of that number.

$$\text{Standard Deviation} = \sqrt{variance}$$

$$\text{Standard Deviation} = \sqrt{216.6} = 14.7$$