**AP Psychology – Keefe Tech**

Unit 1 - Research Methods & Statistics

Inferential Stats - Measures of Variance – Standard Deviation

Note: You **can’t** use a calculator on the AP test…so students will not be asked to do calculations that aren’t basic mental math.

Standard Deviation = the “typical” difference between each score and the mean

Step 1 – Calculate the **MEAN** of your data set

Step 2 – **SUBTRACT** the MEAN from each data figure (Deviations)

Step 3 – **SQUARE** differences of each data figure

Step 4 – Calculate the **MEAN** of the differences (variance)

Step 5 – The **SQUARE ROOT** of the variance = Standard Deviation (σ)