

## **Variance v. Standard Deviation**

- Variance and Standard Deviation are both defined as...
- Formulas/symbols to know:
  - The formula to find variance is...
  - The formula to find standard deviation is...
  - The symbols depending on sample v. population:
- Calculator Trick
  - How to do it!
  - What are we looking for?
- Practice the concepts by solving the problems for both Variance and Standard Deviation by hand for a and b, but via calculator for c.
  - a. [10, 9, 2, 1, 4, 3, 5, 8, 10, 2, 7, 5]

b. [8, 7, 10, 8, 6, 1, 10, 8, 5, 3, 6, 6, 4, 8]

c. [42, 17, 20, 89, 23, 56, 78, 34, 91, 65, 65, 12]