

HW 3.2 Guide

1-2: These problems deal with the definitions of this section.

3-5: Compute the standard deviation and variance using StatCrunch.

6: Based on your knowledge of the standard deviation, determine which distribution has the higher standard deviation and state why.

7: Compute the standard deviation and apply the Empirical Rule.

8: Compute various measures of dispersion.

9: Use the Empirical Rule.

10: Compute standard deviation for two or more sets of data.

11: Based on the definitions and formulas for range and standard deviation.