

VI. Use this sample data when calculating the following statistics. Those not using statistics software may want to use the page 39 formulas.

Data: 4, 6, 3, 7, 6, 8, 17, 5

- A. Mean
- B. Median
- C. Mode
- D. Variance
- E. Standard deviation
- F. Use Chebyshev's rule to calculate the minimum proportion of items that will be within 3 standard deviations of the mean.
- G. T F Chebyshev's rule only applies to normally distributed data. (true or false)
- H. Calculate Pearson's coefficient of skewness.