Intro to Statistics

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_

Directions: Organize data into a Stem-and-Leaf plot. Find Mean, Median, Mode and Range of each set. Identify any outliers.

 1. {33, 41, 17, 25, 62} 2. {12, 27, 19, 38, 14, 15, 19, 27, 19, 14}

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1. Mean a. Mean

1. Median b. Median

1. Mode c. Mode

1. Range d. Range

1. Outlier(s)? e. Outlier(s)?

 3. {45, 32, 17, 65, 80, 55} 4. {95, 76, 88, 82, 73, 65, 76, 76, 84, 90}

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1. Mean a. Mean

1. Median b. Median

1. Mode c. Mode

1. Range d. Range

1. Outlier(s)? e. Outlier(s)?

Directions: Find the Median, Lower Quartile, Upper Quartile and the extremes of each data set.

 5. {5, 2, 16, 9, 13, 7, 10} 6. {23, 10, 13, 30, 26, 8, 25, 18}

1. Median: a. Median:

1. Lower Quartile (LQ): b. Lower Quartile (LQ):

1. Upper Quartile (UQ): c. Upper Quartile (UQ):

1. Extrema: d. Extrema:

7. {35, 60, 20, 80, 95, 15, 40, 85, 75} 8. {12, 13, 5, 8, 9, 20, 16, 14, 14, 6, 9, 12, 12}

1. Median: a. Median:

1. Lower Quartile (LQ): b. Lower Quartile (LQ):

1. Upper Quartile (UQ): c. Upper Quartile (UQ):

1. Extrema: d. Extrema: