

WORKSHEET 3-2

Stretch Algebra

Name _____

Block _____

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}

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- a. Mean
- b. Median
- c. Mode
- d. Range
- e. Outlier(s)?

2. {12, 27, 19, 38, 14, 15, 19, 27, 19, 14}

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- a. Mean
- b. Median
- c. Mode
- d. Range
- e. Outlier(s)?

3. {45, 32, 17, 65, 80, 55}

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- a. Mean
- b. Median
- c. Mode
- d. Range
- e. Outlier(s)?

4. {95, 76, 88, 82, 73, 65, 76, 76, 84, 90}

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- a. Mean
- b. Median
- c. Mode
- d. Range
- e. Outlier(s)?

Directions: Find the Median, Lower Quartile, Upper Quartile and the extremes of each data set. Then make a Box-and-Whisker plot of the data.

5. {5, 2, 16, 9, 13, 7, 10}

a. Median:

b. Lower Quartile (LQ):

c. Upper Quartile (UQ):

d. Extrema:

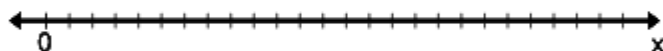
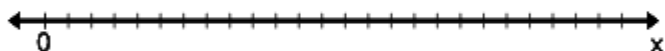
6. {23, 10, 13, 30, 26, 8, 25, 18}

a. Median:

b. Lower Quartile (LQ):

c. Upper Quartile (UQ):

d. Extrema:



7. {35, 60, 20, 80, 95, 15, 40, 85, 75}

a. Median:

b. Lower Quartile (LQ):

c. Upper Quartile (UQ):

d. Extrema:

8. {12, 13, 5, 8, 9, 20, 16, 14, 14, 6, 9, 12, 12}

a. Median:

b. Lower Quartile (LQ):

c. Upper Quartile (UQ):

d. Extrema:

