Integrated Math 1 HW #1 Name

***For each set of values below, find the mean, median, mode, and range.***

1. {12, -4, 5, 8, -16, -11, 8} Mean: \_\_\_\_\_\_\_ Median: \_\_\_\_\_\_\_\_\_\_ Mode: \_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_

2. {3.2, 5.8, 6.1, 3.2, 4.4} Mean: \_\_\_\_\_\_\_\_ Median: \_\_\_\_\_\_\_\_\_ Mode: \_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_

***Use the stem-and-leaf plot below to answer the following questions.***

3. What conclusion can you draw from the stem-and-leaf plot to the left?

4. How many pieces of data are there? \_\_\_\_\_\_\_\_ 5. What is the highest bowling score? \_\_\_\_\_\_\_\_

6. What is the lowest bowling score? \_\_\_\_\_\_\_\_ 7. What is the range of bowling scores? \_\_\_\_\_\_\_

8. What is the mode of the scores? \_\_\_\_\_\_ 9. What is the median score? \_\_\_\_\_\_

***Use the following data for the questions below.***

**Home runs hit: 26, 18, 33, 29, 22, 4, 23, 36, 8, 6, 28, 25, 43, 38, 32, 30, 41**

10. Create a stem-and-leaf plot of the data above. 11. What conclusion can you Make sure you have a title, key, and an accurate graph. draw from this stem-and-leaf?

12. What is the range of the data? \_\_\_\_\_\_\_ 13. What is the median of the data? \_\_\_\_\_\_\_\_\_

14. Explain how a stem-and-leaf plot can be helpful.