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

Quantitative Data 2

These are the ages of people who sold a house in one month.

82, 16, 71, 29, 36, 77, 79, 78, 48, 45, 69, 55, 55, 62, 64, 54, 68, 65, 67

1. Write the 5 number summary for the ages.

Min \_\_\_\_\_ Q1 \_\_\_\_\_ Median \_\_\_\_\_ Q3 \_\_\_\_\_ Max \_\_\_\_\_

1. Calculate the IQR.
2. What was the mean score? (round to nearest whole number)
3. What was the mode?
4. What was the range of ages?
5. Create a stem and leaf plot for the data.

(Be sure the label the plot and identify the key.)

Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Key: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Identify the outlier.
2. Circle the **two** correct descriptions of the data set.

Skewed left skewed right unimodal bimodal multimodal

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



G4

G3

G1

G2



9. Match the histograms to the boxplots. Histogram G1 G2 G3 G4

Boxplot letter \_\_\_ \_\_\_ \_\_\_ \_\_\_