

1. Create a dot plot of each group of data.

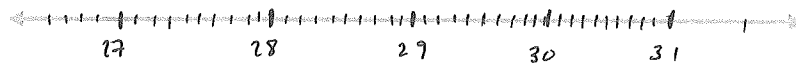
NFL Average Ages by Team

NFL Average Ages by Team			
25.8	26.0	26.3	25.7
25.1	25.2	26.1	26.4
25.9	26.6	26.3	26.2
26.8	25.6	25.7	



MLB Average Ages by Team

MLB Average Ages by Team			
28.5	29.0	28.0	27.8
29.5	29.1	26.9	28.9
28.6	28.7	26.9	30.5
28.7	28.9	29.3	



2. Find the mean of each group of data.

a. Mean of NFL Average Ages by Team: _____

b. Mean of MLB Average Ages by team: _____

3. Find the median of each group of data.

a. NFL Median Age by Team: _____

b. MLB Median Age by Team: _____

4. Find the standard deviation of each group of data.

a. Standard deviation of NFL Average Ages by Team.

<i>Data Value,</i> x	<i>Deviation from mean</i> $(x - \text{mean})$	<i>Square the</i> <i>deviation</i>
		Sum:
		Divide:
		Square Root:

b. In words, describe what the standard deviation means.

c. Find the range and IQR of the data set as well.

5. Find the standard deviation below.

a. Standard Deviation of MLB Average Ages by Team:

<i>Data Value, x</i>	<i>Deviation from mean (x-mean)</i>	<i>Square the deviation</i>
		Sum:
		Divide:
		Square Root:

b. In words, describe what the standard deviation above means.

c. Find the range and IQR of the data set as well.

6. Which data set is more variable? Explain how you know.

For the data set, find:

- a. The mean
- b. The median
- c. The Range
- d. The IQR
- e. The Standard Deviation.

7. Data set: 28, 30, 29, 26, 31, and 30.

a. _____
b. _____
c. _____
d. _____
e. _____

<i>Data Value, x</i>	<i>Deviation from mean (x-mean)</i>	<i>Square the deviation</i>
		Sum:
		Divide:
		Square Root: