



1. Bigfoot is said to be a large, hairy, humanlike creature that lives in the wilderness areas of the United States and Canada. The following data are some footprint lengths reported by people who claim to have seen Bigfoot in California.

Reported Footprint Lengths (in cm)

36	46	36	38	33	40	37	56
----	----	----	----	----	----	----	----

Use the number line to construct a line plot of the data in the table above.

Footprint Lengths



- a. Find the mean length. _____
- b. Is the median or the mean a better representation of the recorded footprint lengths? Explain.

2. Average wind speeds for major U.S. cities are displayed in the table below.

City	State	Wind Speed (mph)
Anchorage	AK	7.1
Phoenix	AZ	6.2
Denver	CO	8.6
Syracuse	NY	9.4
Des Moines	IA	10.7
Chicago	IL	10.3
Boston	MA	12.4
Helena	MT	7.7
Memphis	TN	8.8
Salt Lake City	UT	8.8

Construct a stem-and-leaf plot of the wind-speed data.

Average Wind Speeds for U.S. Cities

Stems (10s and 1s)	Leaves (10ths)



3. Convert.

- a. 18 cm = _____ mm
- b. 120 mm = _____ cm
- c. 254 cm = _____ mm
- d. 1,020 mm = _____ cm



4. $600,000 \div 5,000 =$ _____

Circle the letter next to the best answer.

- A 120,000 B 12,000
- C 1,200 D 120

