

**Make and Interpret the Plot**

1) The below tabulation shows the length of eight bones (in inches) in human beings.

Bone	Femur	Ulna	Humerus	8th rib	Radius	Tibia	7th rib	Fibula
Length (in inches)	50.5	27.5	36.5	23	26	49	24	40

Make a box-and-whisker plot.

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Answer the following

- 1) Which is the longest bone? \_\_\_\_\_
- 2) What is the first quartile? \_\_\_\_\_
- 3) What is the median? \_\_\_\_\_
- 4) What is the length of the shortest bone? \_\_\_\_\_
- 5) What is the third quartile? \_\_\_\_\_

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Answer the following

1) Which is the longest bone?

**femur**

2) What is the first quartile?

**25**

3) What is the median?

**32**

4) What is the length of the shortest bone?

**23 inches**

5) What is the third quartile?

**44.5**

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