

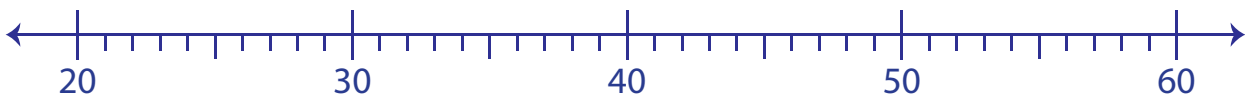
**Make and Interpret the Plot**

Sheet 1

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

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

Make a box-and-whisker plot.



Answer the following questions.

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

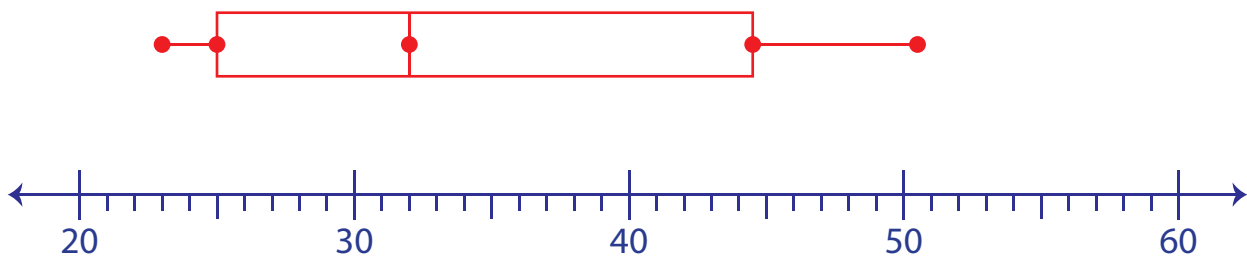
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Make a box-and-whisker plot.



Answer the following questions.

1) Which is the longest bone?

**femur**

2) What is the first quartile of the given data?

**25**

3) What is the median of the given data?

**32**

4) What is the length of the shortest bone?

**23 inches**

5) What is the third quartile?

**44.5**