

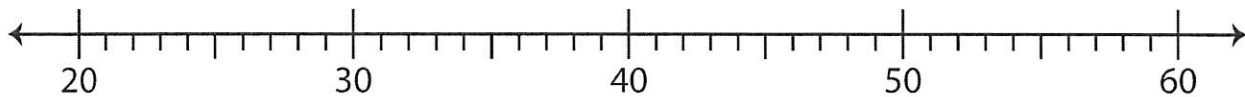
Make and Interpret the Plot

Sheet 1

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.



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? _____

Five-Number Summary

Level 1: S1

Write the five-number summary for each set of data.

1) 42, 58, 67, 55, 40, 69, 66, 51, 46, 48, 68

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

2) 14, 11, 8, 1, 23, 20, 17, 5, 19, 10, 12, 22

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

3) 107, 92, 111, 119, 99, 100, 89, 94, 125, 93

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

4) 72, 60, 64, 75, 79, 63, 70, 61, 78

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

5) 21, 4, 18, 9, 25, 16, 27, 30, 33, 15, 31

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

6) 134, 47, 122, 113, 49, 56, 102, 93, 62

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

Box-and-Whisker Plot

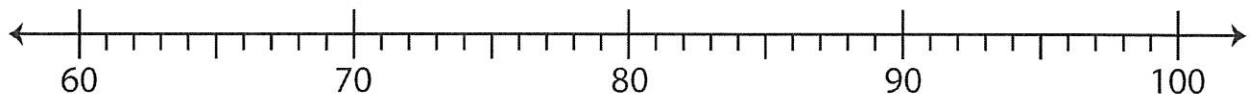
Sheet 1

- 1) The teacher recorded the math scores of top ten students in grade V. Their scores are as follows.

86, 92, 75, 81, 93, 99, 89, 90, 84, 93

Make a box-and-whisker plot.

Min: _____, Q_1 : _____, Q_2 : _____, Q_3 : _____, Max: _____

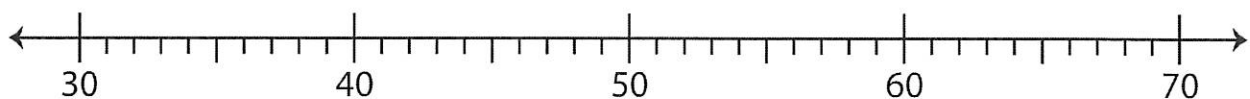


- 2) Eleven staff from a university visited a museum. The below given data shows their ages noted by a volunteer of the museum to issue tickets.

42, 46, 50, 52, 53, 50, 51, 38, 48, 47, 43

Make a box-and-whisker plot.

Min: _____, Q_1 : _____, Q_2 : _____, Q_3 : _____, Max: _____

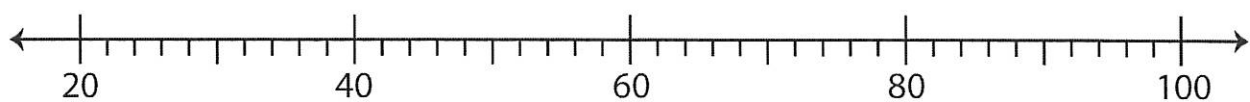


- 3) The figures shown below are the sales of twelve vegetables (in pounds) at a supermarket in a day.

24, 34, 98, 44, 72, 56, 52, 50, 38, 22, 20, 60

Make a box-and-whisker plot.

Min: _____, Q_1 : _____, Q_2 : _____, Q_3 : _____, Max: _____



Box-and-Whisker Plot

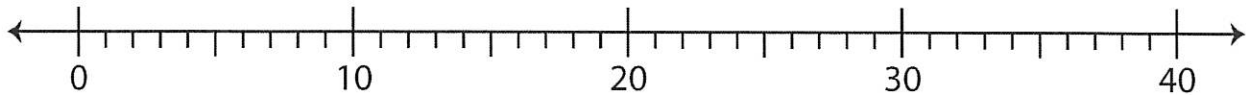
Level 1: S1

Make box-and-whisker plots for the given data.

- 1) 17, 29, 32, 9, 30, 14, 8, 39, 11, 32, 23

Minimum : _____ Maximum : _____

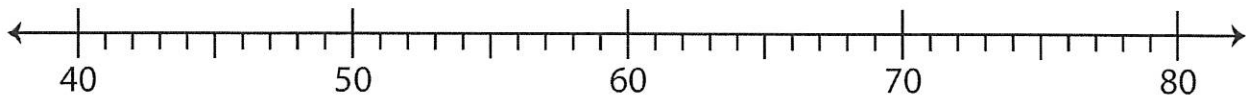
Q_1 : _____ Q_2 : _____ Q_3 : _____



- 2) 58, 67, 44, 72, 51, 42, 60, 46, 69

Minimum : _____ Maximum : _____

Q_1 : _____ Q_2 : _____ Q_3 : _____



- 3) 67, 100, 94, 77, 80, 62, 79, 68, 95, 86, 73, 84

Minimum : _____ Maximum : _____

Q_1 : _____ Q_2 : _____ Q_3 : _____

