Name : _____ Score : _____

Box-and-Whisker Plot

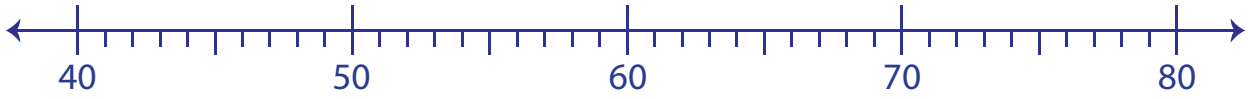
Sheet 3

1) Ten teams were a part of a band parade to perform the Independence day celebrations. The data represented below shows the number of participants in each team.

50, 59, 72, 58, 41, 65, 45, 69, 54, 76

Make a box-and-whisker plot.

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

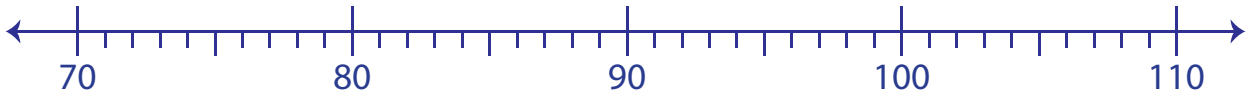


2) Mr. Thomson's bakery sold a variety of items to the customers. The data shows the sales of twelve different bakery items in a day.

83, 100, 109, 78, 87, 98, 97, 103, 85, 106, 91, 80

Make a box-and-whisker plot.

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

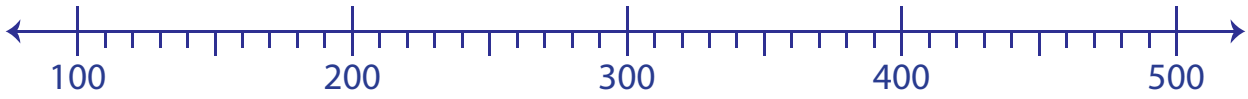


3) An executive makes 10 promotional calls to the customers to promote his service. The duration of each call (in seconds) is recorded below.

413, 387, 280, 311, 368, 400, 420, 300, 295, 332

Make a box-and-whisker plot.

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



Name : _____ Score : _____

Answer Key

Box-and-Whisker Plot

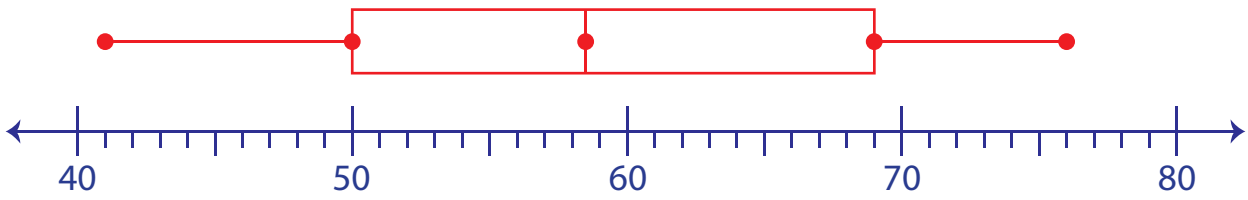
Sheet 3

1) Ten teams were a part of a band parade to perform the Independence day celebrations. The data represented below shows the number of participants in each team.

50, 59, 72, 58, 41, 65, 45, 69, 54, 76

Make a box-and-whisker plot.

Min : **41**, Q_1 : **50**, Q_2 : **58.5**, Q_3 : **69**, Max : **76**

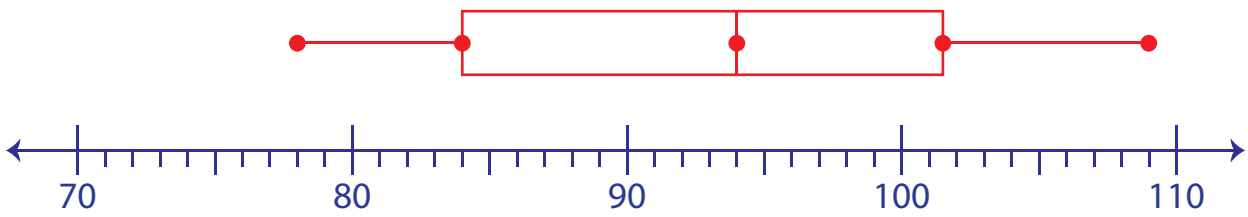


2) Mr. Thomson's bakery sold a variety of items to the customers. The data shows the sales of twelve different bakery items in a day.

83, 100, 109, 78, 87, 98, 97, 103, 85, 106, 91, 80

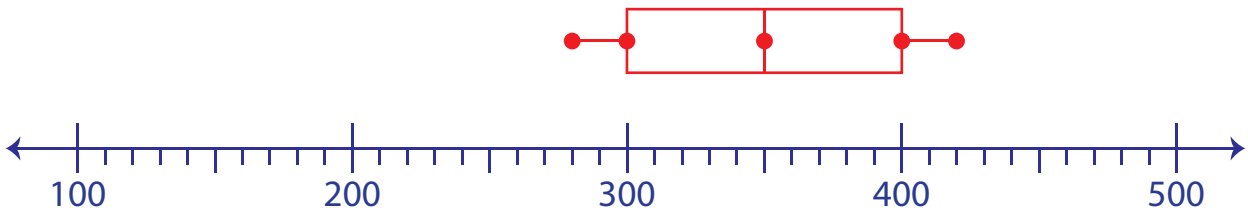
Make a box-and-whisker plot.

Min : **78**, Q_1 : **84**, Q_2 : **94**, Q_3 : **101.5**, Max : **109**



3) An executive makes 10 promotional calls to the customers to promote his service. The duration of each call (in seconds) is recorded below.

413, 387, 280, 311, 368, 400, 420, 300, 295, 332

Make a box-and-whisker plot.

Min : **280**, Q_1 : **300**, Q_2 : **350**, Q_3 : **400**, Max : **420**