

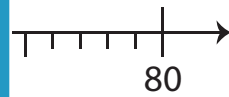
## Box-and-Whisker Plot

- 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 ball sales of twelve different brands are as follows:

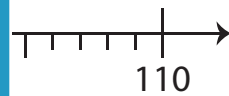
83, 100, 109, 78, 95, 110, 105, 102, 108, 104, 107, 106

Make a box-and-whisker plot.

Min: \_\_\_\_\_,  $Q_1$ : \_\_\_\_\_,  $Q_2$ : \_\_\_\_\_,  $Q_3$ : \_\_\_\_\_, Max: \_\_\_\_\_

The data shows the

\_\_\_\_\_ , Max: \_\_\_\_\_



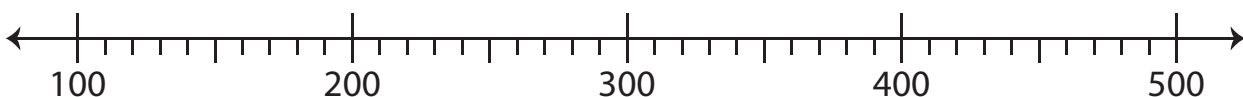
- 3) An executive makes a list of the duration of each of his services. The duration of each service is as follows:

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

Make a box-and-whisker plot.

Min: \_\_\_\_\_,  $Q_1$ : \_\_\_\_\_,  $Q_2$ : \_\_\_\_\_,  $Q_3$ : \_\_\_\_\_, Max: \_\_\_\_\_

\_\_\_\_\_ promote his service.



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**Box-and-Whisker Plot**

- 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<sub>1</sub>: 50, Q<sub>2</sub>: 58.5, Q<sub>3</sub>: 69, Max: 76



- 2) Mr. Thomson's ball sales of twelve different brands are as follows:

83, 100, 109, 78, 95, 87, 92, 85, 98, 105, 90, 82

Make a box-and-whisker plot.

Min: 78, Q<sub>1</sub>: 85, Q<sub>2</sub>: 92, Q<sub>3</sub>: 100, Max: 109

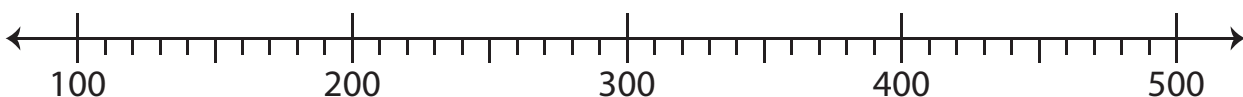


- 3) An executive makes a list of 15 different services to promote his service. The duration of each service is as follows:

413, 387, 280, 311, 368, 400, 420, 300, 295, 332, 350, 375, 390, 320, 340

Make a box-and-whisker plot.

Min: 280, Q<sub>1</sub>: 300, Q<sub>2</sub>: 350, Q<sub>3</sub>: 400, Max: 420



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The data shows the

Max: 109

promote his service.