

Box-and-Whisker Plot

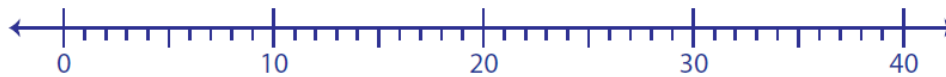
Level 1: S1

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

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

Minimum : _____ Maximum : _____

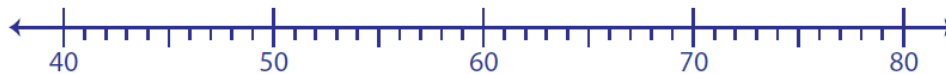
Q_1 : _____ Q_2 : _____ Q_3 : _____



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

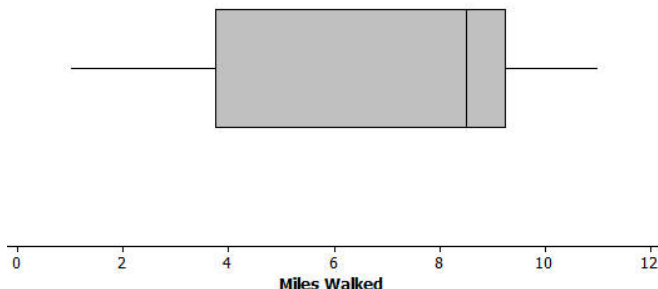
Minimum : _____ Maximum : _____

Q_1 : _____ Q_2 : _____ Q_3 : _____



Twenty-two juniors from River City High School participated in a walkathon to raise money for the school band. The following box plot was constructed using the number of miles walked by each of the twenty-two juniors.

Boxplot of Miles Walked for Juniors



3. What do you think the box plot tells us about the number of miles walked by the twenty-two juniors? (Talk about percents)

4. Why might understanding the data behind this graph be important?