



## Check What You Learned

### Measures of Central Tendency

The times for the top finishers of a 10K race are, in minutes: 32, 34, 41, 35, 42, 46, 30, 44, 42, 34, 37, 44, 45, 44, 43. Use this data to answer the questions. Round to tenths.

- 10.** Complete the frequency table.

Minutes	Frequency	Cumulative Frequency	Relative Frequency
30–34			%
35–39			%
40–44			%
45–49			%

- 11.** Make a line plot to display this data.

- 12.** Make a box-and-whisker plot for this data.

Find the following values from the data above.

- |            |                       |  |                            |
|------------|-----------------------|--|----------------------------|
| <b>13.</b> | <b>a</b>              |  | <b>b</b>                   |
|            | mean: _____           |  | range: _____               |
| <b>14.</b> | median: _____         |  | upper extreme: _____       |
| <b>15.</b> | mode: _____           |  | lower extreme: _____       |
| <b>16.</b> | lower quartile: _____ |  | interquartile range: _____ |