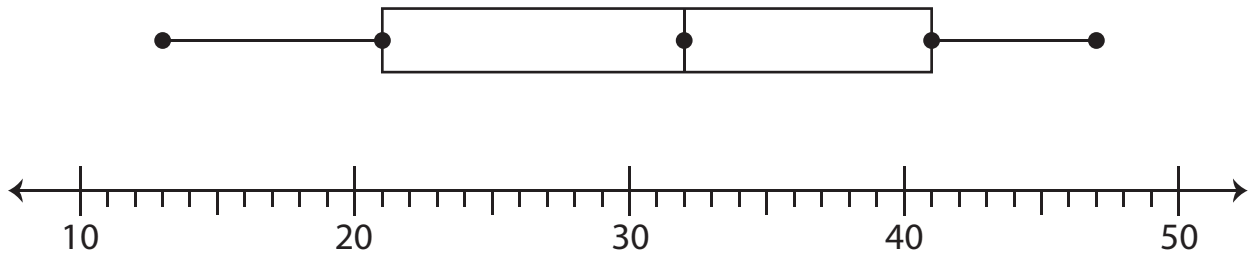


Name : _____

Read and Interpret the Plot

Level 1: S3

- 1) Rhone downloads ten mobile applications in his smartphone. The size of each application (in MB) is noted and a box-and-whisker plot is made. Read the plot and answer the questions.



- a) Write the third quartile.
- b) What is the minimum value?
- c) What is the first quartile?
- 2) The average annual temperature in Colorado, Connecticut, Indiana, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming are recorded to make a box-and-whisker plot.

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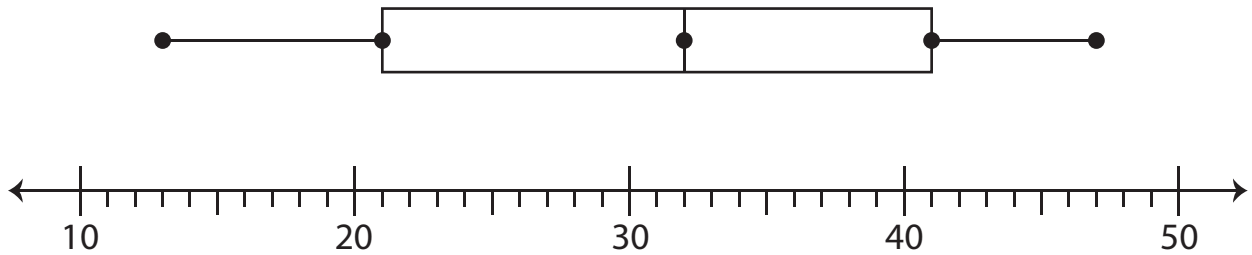
Colorado, Connecticut, Indiana, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming are recorded to make a box-and-whisker plot.



- a) What is the maximum temperature recorded?
- b) What is the third quartile?
- c) Write the median from the given plot.

Read and Interpret the Plot

- 1) Rhone downloads ten mobile applications in his smartphone. The size of each application (in MB) is noted and a box-and-whisker plot is made. Read the plot and answer the questions.



a) Write the third quartile.

41

b) What is the minimum value?

13 MB

c) What is the first quartile?

21

- 2) The average annual temperature in Colorado, Connecticut, Indiana, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming are recorded to make a box-and-whisker plot.

Colorado, Connecticut, Indiana, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming are recorded to make a box-and-whisker plot.



a) What is the maximum temperature recorded?

64 °F

b) What is the third quartile?

60

c) Write the median from the given plot.

54

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