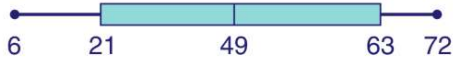




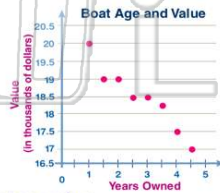
Name _____ Class _____ Date _____

1 According to the **box-and-whisker plot** shown, the number **63** is the _____.



- A first quartile
- B second quartile
- C third quartile
- D greatest value

3 Based on the **scatter plot** shown, what can be predicted about the **age of a boat and its value**?



- A Older boats have greater value.
- B Older boats have less value.

2 Based on the **scatter plot** shown, what can be predicted about **exercise and overall health**?



- A more exercise, less healthy
- B less exercise, more healthy
- C more exercise, no effect on health
- D more exercise, more healthy

4 Based on the **histogram** shown, what can be predicted about **height & intelligence**?



- A Tall people are smarter.
- B Short people are smarter.

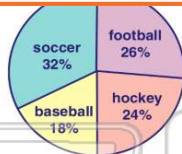


PREVIEW

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7 The **data** shown below is for a survey about favorite sports. Which graph would **not** be appropriate to display her data?

- A 33
- B 36
- C 39
- D 48



- A circle graph
- B bar graph
- C histogram
- D line graph

9 The **temperatures for a week** were recorded. Which graph would **not** be appropriate to display the data?



- A circle graph
- B bar graph
- C line graph
- D histogram

10 Noah is comparing the cost of bread over the last **10 years**. Which graph would be **most** appropriate for his data?

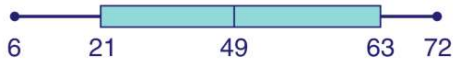
- A circle graph
- B pictograph
- C line graph
- D histogram





ANSWER KEY

According to the **box-and-whisker plot** shown, the number **63** is the _____.



- A first quartile
- B second quartile
- C third quartile
- D greatest value

(c)

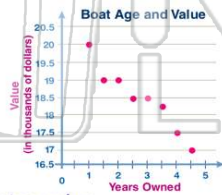
Based on the **scatter plot** shown, what can be predicted about **exercise and overall health**?



- A more exercise, less healthy
- B less exercise, more healthy
- C more exercise, no effect on health
- D more exercise, more healthy

(d)

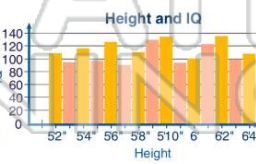
Based on the **scatter plot** shown, what can be predicted about the **age of a boat and its value**?



- A Older boats have greater value.
- B Older boats have less value.
- C Younger boats have less value.
- D

(b)

Based on the **histogram** shown, what can be predicted about **height & intelligence**?



- A Tall people are smarter.
- B Short people are smarter.
- C There is no correlation between height & IQ.
- D

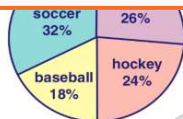
(c)



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- A 35
- B 36
- C 39
- D 48



- A circle graph
- B bar graph
- C histogram
- D line graph

The **temperatures for a week** were recorded. Which graph would **not** be appropriate to display the data?



- A circle graph
- B bar graph
- C line graph
- D histogram

(a)

Noah is comparing the cost of bread over the last **10 years**. Which graph would be **most** appropriate for his data?

- A circle graph
- B pictograph
- C line graph
- D histogram



(c)