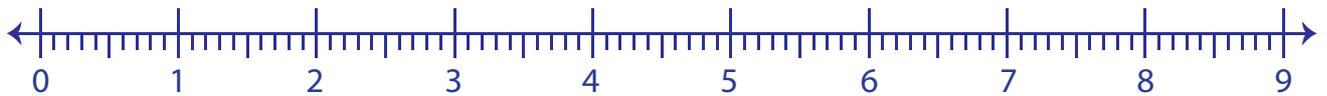


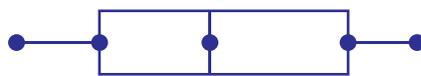
Read and Interpret the Plot

Level 2: S1

- 1) The data of the per capita municipal solid waste (in pounds per day) generated in the United States from 1960 to 2005 (every 5 years) are collected and a box-and whisker plot is made. Read the plot and answer the questions.



- a) Write the first quartile from the given plot. _____
- b) What is the range of the data? _____
- c) What is the third quartile? _____
- 2) The weight of the basketball players (in pounds) at a University basketball team are noted to determine their physical standards. A plot is made based on the data. Read the plot and answer the questions.

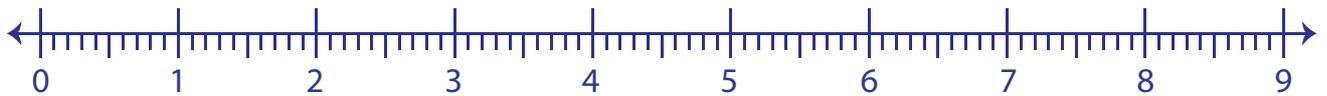


- a) What is the median of the given data? _____
- b) What is the maximum weight among the players? _____
- c) What is the inter-quartile range? _____

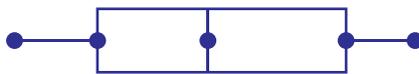
Read and Interpret the Plot

Level 2: S1

- 1) The data of the per capita municipal solid waste (in pounds per day) generated in the United States from 1960 to 2005 (every 5 years) are collected and a box-and whisker plot is made. Read the plot and answer the questions.



- a) Write the first quartile from the given plot. 3.3
- b) What is the range of the data? 1.7
- c) What is the third quartile? 4.5
- 2) The weight of the basketball players (in pounds) at a University basketball team are noted to determine their physical standards. A plot is made based on the data. Read the plot and answer the questions.

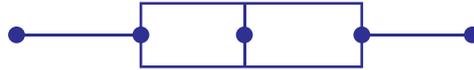


- a) What is the median of the given data? 189
- b) What is the maximum weight among the players? 204 pounds
- c) What is the inter-quartile range? 18

Read and Interpret the Plot

Level 2: S2

- 1) A school conducted a medical camp for students from 8 to 10 years to check their weights (in pounds). Fourteen students were found to be obese. A plot is made based on their obese weights. Read the plot and answer the questions.



- a) What is the inter-quartile range? _____
- b) Write the third quartile. _____
- c) What is the minimum weight? _____

- 2) David reads different books. His reading time is tracked and a plot is made. Read the plot and answer the questions.



- a) Write the first quartile from the given plot. _____
- b) What is the range of the given data? _____
- c) What is the median? _____

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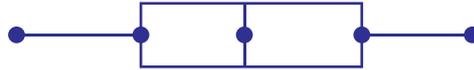
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Read and Interpret the Plot

Level 2: S2

- 1) A school conducted a medical camp for students from 8 to 10 years to check their weights (in pounds). Fourteen students were found to be obese. A plot is made based on their obese weights. Read the plot and answer the questions.



- a) What is the inter-quartile range? 16
- b) Write the third quartile. 90
- c) What is the minimum weight? 65 pounds

- 2) David reads different genres of books. His reading time is tracked and a plot is made. Read under each genre and answer the questions.



- a) Write the first quartile from the given plot. 21
- b) What is the range of the given data? 22
- c) What is the median? 26

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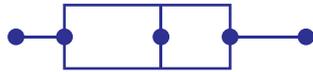
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Read and Interpret the Plot

Level 2: S3

- 1) Lisa planted 12 varieties of flowering plants in her garden. She counted the number of flowers blossomed in each variety for eight months and made a plot. Read the plot and answer the questions.



a) What is the maximum value? _____

b) Write the third quartile. _____

c) What is the median? _____

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- 2) A long track running competition was held in which athletes from various countries participated. A box-and-whisker plot is made. Read the plot and answer the questions.



a) What is the inter-quartile range? _____

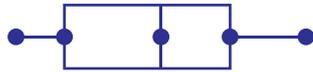
b) Write the first quartile from the given plot. _____

c) What is the range of the given data? _____

Read and Interpret the Plot

Level 2: S3

- 1) Lisa planted 12 varieties of flowering plants in her garden. She counted the number of flowers blossomed in each variety for eight months and made a plot. Read the plot and answer the questions.



a) What is the maximum value?

38

b) Write the third quartile.

32.5

c) What is the median value?

27.5

- 2) A long track running competition was held in which athletes from various countries participated. A dot plot and a box-and-whisker plot is made. Read the plots and answer the questions.

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a) What is the inter-quartile range?

42

b) Write the first quartile from the given plot.

801

c) What is the range of the given data?

64