

Quiz 6
Show all your work

Name: _____
Number: _____
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Score: ____/10

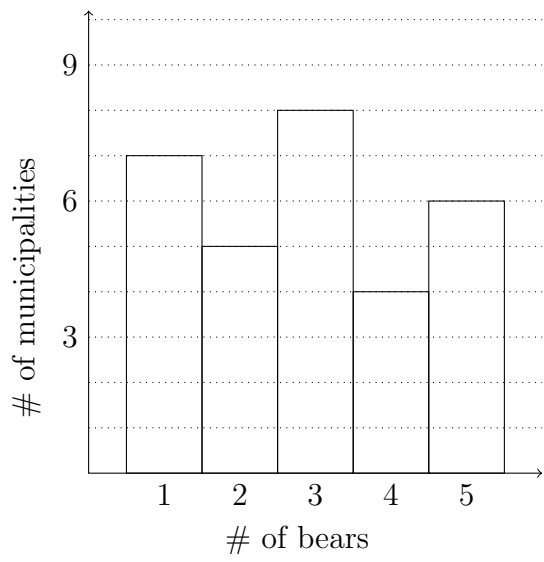
Problem 1: Below is a list of ages for a sample of construction workers on Burnaby’s Cameron Recreation job site.

29, 19, 33, 24, 37, 25, 18, 27, 25, 42, 43, 56, 51

- a. Make a stem-and-leaf plot of the given data.
- b. Find the mode.
- c. Find the range.
- d. Draw a boxplot for the data, clearly labelling all three quartiles.

Score: ____/6

Problem 2: The histogram shown is a summary of a survey of the number of bears (on the horizontal axis) a sample of our provincial municipalities have. Answer the following questions. Remember to round correctly and include units when applicable.



- a. Find the number (n) of municipalities surveyed.
- b. Find the average number of bears per municipality in the sample.
- c. Find the standard deviation of the sample data.

Score: ____/4