

Make and Interpret the Plot

1) A chemist uses various acids in the laboratory for his experiments. The quantity of each acid used is tabulated below.

Acid	Hydrochloric	Nitric	Sulphuric	Phosphoric	Malic	Citric	Tartaric	Acetic	Oxalic
Quantity (in ml)	79	64	48	51	75	41	50	67	56

Make a box-and-whisker plot.

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Answer the following

- 1) What is the first quantity of acid used? _____
- 2) How many acids are used in the experiments? _____
- 3) Which acid is used in the least quantity? _____
- 4) What is the median of the given data? _____
- 5) What is the least quantity of acid used? _____

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Quantity (in ml)	79	64	48	51	75	41	50	67	56

Make a box-and-whisker plot.



Answer the following

1) What is the first quantity used?

49

2) How many acids are used in the experiments?

9

3) Which acid is used the least quantity?

hydrochloric acid

4) What is the median of the given data?

56

5) What is the least quantity of acid used?

41 ml

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