

Abdulmonem Alhajji

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Elementary Statistic MATH 080

HW 1

42.

- A. The population is the number of clients.
- B. The sample is the number of the clients subscribed as well.
- C. Parameter is the time of excusing.
- D. Statistic is the total number of times spent by clients exercising.
- E. Variables could be the time or the number of clients or any given number that can be given to create data.
- F. Data is the time spent at the gym each time by the clients.

44.

- A. The population are the patients that had a heart attack.
- B. The sample is the number of patients that had a heart attack.
- C. The parameter is sum of the of recovery period of the patients.
- D. Statistic is the recovery period of the patients.
- E. The variable is the time it took each patient to recover.
- F. The data is the recovery period for the patients.

46.

- A. The population is the number of voters.
- B. The sample is the number of voters that think he did a good job.
- C. The parameter is the mean of the voters who think he is doing a good job.
- D. Statistic is the mean of the proportion of the voters.
- E. The variable is the difference between all the voters.
- F. The data is a list of the voters who think whether he did a good or a bad job.

51.

A

52.

C

54.

quantitative continuous data

56.

quantitative continuous data

58.

Qualitative data

60.

quantitative continuous data

66.

I'd look up schools in the area that teach Statistic and get the number of students that can register in each class and in each college, then calculate the mean by the number of schools that I picked.

76.

A. At the time people were poor and something like that in the mail would've been their least concern.

B. It makes the data inaccurate. Just because a few people respond, doesn't really make up to the opinion of the whole population.

C. Sampling error.

D. Starfield sampling

90.

A. 4%

B. About 100 students.

C. No, because maybe more students will respond so the numbers can be different, and also, Long Beach is surrounded by a lot of cities which can make the data completely different in another state or city.