

1.1-1.4

Tuesday, January 19, 2021 5:41 PM

Question 1 2.5 pts

Data Not a meaningful #

Determine the type of data being collected and classify each data sets level of measurement.

Colors of baseball caps in a store.

Data type:	[Select] Qualitative
Level of Measurement:	[Select] Nominal

Question 2 2.5 pts

Data Meaningful #

Determine the type of data being collected and classify each data sets level of measurement.

Time (in minutes) it takes to cut a lawn.

Data type:	[Select] Quantitative Continuous
Level of Measurement:	[Select] Ratio

Question 3 2.5 pts

Data meaningful #

Determine the type of data being collected and classify each data sets level of measurement.

Number of cheeseburgers sold by a hamburger stand per day.

Data type:	[Select] Quantitative Discrete
Level of Measurement:	[Select] Ratio

Question 4 2.5 pts

In Fall 2018, there were 9872 student enrolled at Las Positas College. A study was conducted to see, on average, how many classes students took in that Fall semester. A school researcher looked at 300 student records and recorded the number of classes they signed up for that Fall.

(Please use the drop-down menus to answer each question.)

a. In this scenario, what value represents the population under study?

[Select] 9872

b. In this scenario, what value represents the sample used for the study?

[Select] 300

c. What data type is the researcher gathering? [Select]

d. What level of measurement does this type of data have? [Select] Ratio

DATA TYPE

Qualitative vs. Quantitative

Discrete or Continuous
(countable) (measurement)

LEVEL OF MEASUREMENT

Qualitative

Nominal ordinal

Quantitative

interval ratio

Data being gathered

Meaningful numerical data

Quantitative Discrete