

Unit 1 Test Review

Question 1: 3 parts, a statistical study will be described. You must:

- a. Identify the variable.
- b. Tell if the variable is quantitative or qualitative.
- c. Tell what the implied population is.

Question 2: 7 parts, different variables are described and you must tell what level of measurement each uses (nominal, ordinal, interval, or ratio)

Question 3: 4 parts, style of gathering data (sampling, experiment, simulation, census) situations are described and you must tell how the data was gathered.

Example: All of the residents of a neighborhood are polled to see what they would like for the hours at the pool for the summer.

Answer: Census (all of the residents were polled)

Question 4: Short essay question, describe what is meant by an experiment. Give an example as well. Tell how an experiment is different from a sample.

Question 5: Describe how to use the random number table from your book to simulate the outcomes of rolling a single die.

Question 6: 5 parts, Identify samples by naming the sampling technique used (cluster, convenience, simple random, stratified, systematic).