

Name: _____ Period: _____ Date: _____

Samples and Surveys Assignment

Tell whether the following data is a qualitative or quantitative data.

- | | |
|---------------|-------------------|
| 1. Weight | 2. Age |
| 3. Hair color | 4. IQ |
| 5. Gender | 6. Monthly Income |

**Select the appropriate method of research for the following data.
(Observation, Direct, Indirect, Experimental, or Registration)**

- | | |
|--|---|
| 7. A newly discovered species of animal. | 8. Nationwide Survey for presidential election. |
| 9. Research for the history of a town. | 10. Demographic of a town. |
| 11. To study an activity of a certain disease. | 12. Behavior of an animal in a certain environment. |

**Select the best method of collecting data for the following problem.
(Cluster, Convenient, Purposive, Simple Random, Stratified, or Quota Sampling)**

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|--|--|
| 13. First 100 students passed the examination. | 14. Number of licensed teacher in Town A. |
| 15. Number of person visited a store. | 16. A nationwide survey for presidential election. |
| 17. Winner of a Car raffle. | 18. Male students of a certain city. |

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Samples and Surveys Assignment

Calculate the sample size of the population below.

19. How many samples are needed if the target population is 1,000,000,000 and a margin of error of 5% is allowed?

20. A researcher wants to know the study habits of a student of college of physical therapy in ABC University. Determine the size of the sample units from each level using a 4% margin of error.

Year Level	Population	Percentage	Sample Size
First Year	750		
Second Year	600		
Third Year	550		
Fourth Year	580		
Total	2530		