

ACTIVITY 1: MATCH ME

Directions: Match the situations in **Column A** with the type of random sampling technique in **COLUMN B** to determine the sample. Write only the letter that corresponds to your answer. Note that an option in column B may be used to answer more than one situation in column A.

COLUMN A

- _____ 1. 1000 respondents nationwide, from regions down to the barangay are selected for a national election survey.
- _____ 2. 25 names of Grade 12 students were picked from the box containing 250 names written in rolled papers.
- _____ 3. Colacling NHS has 82 Grade 11 students and 70 Grade 12 students enrolled in General Academic Strand. Samples are to be taken from them according to the total number of students per grade level.
- _____ 4. Every 5th student from the list of 300 SHS students will be chosen as respondents.
- _____ 5. 10 students will be chosen through random numbers from a list of population sequentially arranged.

COLUMN B

- a. Simple random sampling
- b. Systematic sampling
- c. Stratified random sampling
- d. Cluster sampling

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ACTIVITY 2: MY SAMPLE SIZE

Directions: Determine the sample size in each problem below. Show your solution. Write your answer on a separate sheet of paper.

1. A SHS Practical Research student want to conduct a study on the 160 male and 200 female students enrolled in Grade 11 in her school. How many male and how many female students will she have as her sample if the total sample of her study is 190?
2. An experimental study has a population of 2500. At 95% confidence level and 5% margin of error, what would be its sample size?