

Name _____

Key

Date _____

Sampling Questionnaire

Write the CAPITAL LETTER in the box provided that corresponds to the best answer.

1) Which of the following would not be a representative sample from a population of students at a school?

C, D

- A. Randomly picking names from the entire school register
- B. Randomly choosing five names from each year
- C. Randomly choosing 10% of the girls from each class
- D. Randomly choosing the first 50 children to arrive at school in the morning

2) Which technique(s) is/are not representative for sampling a school?

C, D, E

- A. Choosing names from a hat while blindfolded
- B. Rolling a die and selecting students numbered with the outcome
- C. Choosing those good at spelling
- D. Choosing all in year 6
- E. Choosing the first in from recess

3) Sophie wants to determine which of two exercise programs is best for year 9 students. She should:

D

- A. Assign boys to one program and girls to the other.
- B. Survey the opinions of students in year 9.
- C. Look at data for the past 6 years.
- D. Randomly assign 20 students to each program.

then switch the programs

4) If you want to find out about the spelling ability of students in your class, the best way is to:

B

- A. Conduct a random survey.
- B. Conduct a census.
- C. Divide the class in two subgroups.
- D. Ask all students in the school.

5) Charles wanted to conduct a census of the other year 4 class concerning their participation in sport. He went to the oval after school to count the number of students from that class who were participating in the after-school athletics program.

- A. Comment on his plan for the census.

not a census.

- B. Would you have done something different? What?

yes. asked all students in year 4.

- C. List three things you would do to carry out a census of two other classes at your year level.

- 1) talk to the teachers to do during class*
- 2) get names & #'s from registers*
- 3) Do during lunch*