



Use the scenario to identifying populations and samplings.

**Answers**

1) A beverage company wanted to see if people in the United States liked their new logo.

Which choice **best** represents a population?

- A. A selection of shoppers from different states.
- B. 128 male and female employees
- C. A selection of logo artists.
- D. Every person in the United States.

2) A mayor wanted to see if the people in his town thought he was doing a good job.

Which choice **best** represents a sample?

- A. 293 voters.
- B. The residents of the town.
- C. The people who voted for the mayor.
- D. 488 voters age 21 to 30.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

3) A school principal wants to see which subject the {722} students in his school liked best.

Which choice **best** represents a sample?

- A. The students making a B in math.
- B. The students in 3rd grade.
- C. 1 classroom for each grade.
- D. All the students in the school.

4) A restaurant chain wanted to find out how the customer experience was in a store.

Which choice **best** represents a population?

- A. 295 customers who spent more than \$13.
- B. All of the people who ate at the store.
- C. 251 customers who filled out complaint cards.
- D. Every 24 customer.

5) A gaming website wanted to find out which console its visitors owned.

Which choice **best** represents a population?

- A. All of the website visitors.
- B. Visitors with an 'e' in their user name.
- C. Visitors over 23.
- D. Visitors to the 3DS section.

6) A survey company was trying to see if people in a state thought the pollution was too high.

Which choice **best** represents a population?

- A. A selection of people from each city in the state.
- B. A selection of people who live in small towns.
- C. Every person who owns more than 3 cars.
- D. Every person in the state.



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- 1.     **D**
- 2.     **A**
- 3.     **C**
- 4.     **B**
- 5.     **A**
- 6.     **D**