



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. A selection of logo artists.
- C. 100 male and female employees
- D. Every person in the United States.

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

Which choice **best** represents a sample?

- A. All of the website visitors.
- B. Visitors to the 3DS section.
- C. Visitors to the PS4 section.
- D. Visitors with an 'e' in their user name.

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

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

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

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

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

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

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

Which choice **best** represents a sample?

- A. Every person who owns more than 3 cars.
- B. Every person in the state.
- C. A selection of people who live in dirty neighborhoods.
- D. A selection of people from each neighborhood in the state.

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

Which choice **best** represents a population?

- A. 287 customers who filled out complaint cards.
- B. All of the people who ate at the store.
- C. 1 out of every 44 customers
- D. 252 customers who spent more than \$10.

- 5) Before a nation wide election, a polling place was trying to see who would win.

Which choice **best** represents a sample?

- A. A selection of voters from all over the nation.
- B. A selection of votes from one part of the nation.
- C. A selection of voters over age 50.
- D. All voters.

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

Which choice **best** represents a population?

- A. 200 voters age 21 to 30.
- B. The people who voted for the mayor.
- C. The residents of the town.
- D. 278 voters.



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

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