



Use the scenario to identifying populations and samplings.

Answers

1) 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 votes from one part of the nation.
- B. A selection of voters over age 50.
- C. A selection of voters of different ages.
- D. All voters.

2) A school principal wants to see which subject the {767} students in his school liked best.

Which choice **best** represents a population?

- A. The students in 3rd grade.
- B. The students making a B in math.
- C. The first 79 students who come into the school.
- D. All the students in the school.

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. A selection of people who live in dirty neighborhoods.
- B. Every person who owns more than 3 cars.
- C. A selection of people from each neighborhood in the state.
- D. Every person 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. All of the people who ate at the store.
- B. Every 30 customer.
- C. 236 customers who filled out complaint cards.
- D. 237 customers who spent more than \$12.

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

Which choice **best** represents a sample?

- A. 9,096 children age 5 - 15
- B. Every person in the United States.
- C. A selection of shoppers from different states.
- D. 197 male and female employees

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

Which choice **best** represents a sample?

- A. Visitors over 17.
- B. Visitors to the 3DS section.
- C. Visitors with an 'e' in their user name.
- D. All of the website visitors.



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1. **C**

2. **D**

3. **C**

4. **A**

5. **C**

6. **C**

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