Identifying Populations and Samples

Name: _____

Use the scenario to identifying populations and samplings.

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

Which choice **best** represents a population?

  A. Visitors to the PS4 section.
  B. Visitors over 21.
  C. All of the website visitors.
  D. Visitors with an 'e' in their user name.

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. The people who voted for the mayor.
  B. The residents of 8 different neighborhoods.
  C. Local business owners.
  D. The residents of the town.

3) 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. All voters.
  C. A selection of voters over age 50.
  D. A selection of votes from one part of the nation.

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. 278 customers who filled out complaint cards.
  C. 279 customers who spent more than $10.
  D. 1 out of every 47 customers

5) 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. 175 male and female employees
  C. Every person in the United States.
  D. A selection of logo artists.

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

Name: **Answer Key**

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1. **C**

2. **B**

3. **A**

4. **A**

5. **C**

6. **B**

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| 1-6 | 83 | 67 | 50 | 33 | 17 | 0 |