



Use the scenario to identifying populations and samplings.

Answers

1) 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 small towns.
- B. A selection of people who live in dirty neighborhoods.
- C. Every person in the state.
- D. A selection of people from each neighborhood in the state.

2) 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 of different ages.
- B. All voters.
- C. A selection of male voters.
- D. A selection of votes from one part of the nation.

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

Which choice **best** represents a population?

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

4) 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. The mayor's family.
- B. The people who voted for the mayor.
- C. 242 voters.
- D. The residents of the town.

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 to the 3DS section.
- C. Visitors with an 'e' in their user name.
- D. Visitors to the PS4 section.

6) A musician wanted to see what people who bought his last album thought about the songs.

Which choice **best** represents a sample?

- A. Every person who bought the album.
- B. 257 girls who bought the album.
- C. A selection of 3,106 people who bought the album.
- D. A selection of people who didn't want to buy the album.

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____



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Answers

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