Use the scenario to identifying populations and samplings.

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. Every person who sent in a complaint about pollution.
- B. A selection of people from each neighborhood in the state.
- C. Every person in the state.
- D. A selection of people who live in small towns.

2) A toy store owner tracking how much kids spend each month on toys.

Which choice **best** represents a population?

- A. All of the kids who buy toys.
- B. 251 rich kids.
- C. 249 kids from age 10 to 15.
- D. 291 boys age 7 - 15

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

3) 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 over 22.
- C. Visitors with an 'e' in their user name.
- D. Visitors to the PS4 section.

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

Which choice **best** represents a population?

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

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

Which choice **best** represents a population?

- A. 1,547 children age 5 - 15
- B. A selection of shoppers from different states.
- C. A selection of logo artists.
- D. Every person in the United States.

6) 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. 1,000 unemployed voters.
- B. The residents of the town.
- C. The residents of 7 different neighborhoods.
- D. The people who voted for the mayor.

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