Use the scenario to identifying populations and samplings.

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

Which choice **best** represents a sample?

- A. 248 boys and girls in the toy store.
- B. All of the kids who buy toys.
- C. 249 boys age 7 - 15
- D. 256 rich kids.

2) 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 in the state.
- B. A selection of people who live in dirty neighborhoods.
- C. Every person who sent in a complaint about pollution.
- D. A selection of people from each city in the state.

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

Which choice **best** represents a population?

- A. Visitors with an 'e' in their user name.
- B. Visitors over 22.
- C. All of the website visitors.
- D. Visitors to the 3DS section.

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

Which choice **best** represents a sample?

- A. Every 21 customer.
- B. All of the people who ate at the store.
- C. 253 customers who spent more than $15.
- D. 283 customers who filled out complaint cards.

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

Which choice **best** represents a sample?

- A. A selection of shoppers from different states.
- B. 8,798 children age 5 - 15
- C. A selection of logo artists.
- D. Every person in the United States.

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

Which choice **best** represents a population?

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

Math

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1. **A**

2. **A**

3. **C**

4. **A**

5. **A**

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