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 with an 'e' in their user name.
B. Visitors to the 3DS section.
C. Visitors over 23.
D. All of the website visitors.

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. A selection of people who live in dirty neighborhoods.
B. A selection of people from each neighborhood in the state.
C. Every person who owns more than 3 cars.
D. Every person in the state.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

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

Which choice **best** represents a sample?

A. All voters.
B. A selection of voters of different ages.
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 sample?

A. 206 customers who spent more than $14.
B. 255 customers who filled out complaint cards.
C. All of the people who ate at the store.
D. 1 out of every 48 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. 5,938 children age 5 - 15
B. Every person in the United States.
C. 154 male and female employees
D. A selection of shoppers from different states.

6) A school principal wants to see which subject the 653 students in his school liked best.

Which choice **best** represents a population?

A. The students in 3rd grade.
B. All the students in the school.
C. The students making a B in math.
D. The first 58 students who come into the school.

Math

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