



Use the scenario to identifying populations and samplings.

Answers

1) A school principal wants to see which subject the {526} students in his school liked best.
Which choice **best** represents a population?

A. The first 90 students who come into the school.
B. The students in 3rd grade.
C. All the students in the school.
D. The students making a B in math.

2) 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 from all over the nation.
B. A selection of male voters.
C. A selection of votes from one part of the nation.
D. All voters.

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 24.
C. All of the website visitors.
D. Visitors to the 3DS section.

4) 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 owns more than 3 cars.
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.

5) A restaurant chain wanted to find out how the customer experience was in a store.
Which choice **best** represents a population?

A. Every 23 customer.
B. 255 customers who filled out complaint cards.
C. All of the people who ate at the store.
D. 243 customers who spent more than \$11.

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 from age 5 - 12 who bought the album.
B. Every person who bought the album.
C. 279 girls who bought the album.
D. A selection of 8,724 people who bought the album.

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



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