



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 sample?

- A. All the students in the school.
- B. The students in 3rd grade.
- C. The first 90 students who come into 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 sample?

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

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 24.
- C. Visitors with an 'e' in their user name.
- 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 population?

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



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 sample?

- A. All the students in the school.
- B. The students in 3rd grade.
- C. The first 90 students who come into 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 sample?

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

1.     **C**    

2.     **D**    

3.     **C**    

4.     **B**    

5.     **C**    

6.     **D**    

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 24.
- C. Visitors with an 'e' in their user name.
- 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 population?

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