

**Use the scenario to identifying populations and samplings.****Answers**

- 1) 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 who bought the album.
- B. 294 girls who bought the album.
- C. A selection of 2,995 people who bought the album.
- D. Every person from age 5 - 12 who bought the album.

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

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

Which choice **best** represents a population?

- A. Visitors to the 3DS section.
- B. Visitors to the PS4 section.
- C. Visitors who are on the website for more than 5 minutes.
- D. All of the website visitors.

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

Which choice **best** represents a sample?

- A. 233 rich kids.
- B. 246 kids from age 10 to 15.
- C. All of the kids who buy toys.
- D. 208 boys age 7 - 15

- 5) A school principal wants to see which subject the {682} students in his school liked best.

Which choice **best** represents a population?

- A. All the students in the school.
- B. The students in 3rd grade.
- C. The students making a B in math.
- D. The first 57 students who come into the school.

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



Use the scenario to identifying populations and samplings.

Answers

- 1) 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 who bought the album.
- B. 294 girls who bought the album.
- C. A selection of 2,995 people who bought the album.
- D. Every person from age 5 - 12 who bought the album.

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

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

Which choice **best** represents a population?

- A. Visitors to the 3DS section.
- B. Visitors to the PS4 section.
- C. Visitors who are on the website for more than 5 minutes.
- D. All of the website visitors.

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

Which choice **best** represents a sample?

- A. 233 rich kids.
- B. 246 kids from age 10 to 15.
- C. All of the kids who buy toys.
- D. 208 boys age 7 - 15

- 5) A school principal wants to see which subject the {682} students in his school liked best.

Which choice **best** represents a population?

- A. All the students in the school.
- B. The students in 3rd grade.
- C. The students making a B in math.
- D. The first 57 students who come into the school.

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

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