

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

- 1) A school principal wants to see which subject the {574} students in his school liked best.

Which choice **best** represents a sample?

- A. All the students in the school.
- B. The first 70 students who come into the school.
- C. The students in 3rd grade.
- D. The students making a B in math.

- 2) 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. A selection of people who live in small towns.
- B. A selection of people from each neighborhood in the state.
- C. Every person who sent in a complaint about pollution.
- D. Every person 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. All of the website visitors.
- C. Visitors over 18.
- D. Visitors to the PS4 section.

- 4) A musician wanted to see what people who bought his last album thought about the songs.

Which choice **best** represents a population?

- A. A selection of people who didn't want to buy the album.
- B. A selection of 5,676 people who bought the album.
- C. Every person who bought the album.
- D. Every person from age 5 - 12 who bought the album.

- 5) A mayor wanted to see if the people in his town thought he was doing a good job.

Which choice **best** represents a sample?

- A. The residents of 4 different neighborhoods.
- B. 1,000 unemployed voters.
- C. The residents of the town.
- D. 354 voters age 21 to 30.

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

Which choice **best** represents a population?

- A. 2,774 children age 5 - 15
- B. Every person in the United States.
- C. A selection of logo artists.
- D. A selection of shoppers from different states.

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



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