



Use the scenario to identifying populations and samplings.

**Answers**

1) 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 over age 50.
- B. A selection of votes from one part of the nation.
- C. All voters.
- D. A selection of voters from all over the nation.

2) A school principal wants to see which subject the {717} students in his school liked best.

Which choice **best** represents a population?

- A. All the students in the school.
- B. The students making a B in math.
- C. The first 64 students who come into the school.
- D. The girls in the school.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

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

Which choice **best** represents a population?

- A. All of the kids who buy toys.
- B. 205 boys age 7 - 15
- C. 237 rich kids.
- D. 266 boys and girls in the toy store.

4) 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. A selection of 7,372 people who bought the album.
- C. Every person who bought the album.
- D. 268 girls who bought the album.

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

Which choice **best** represents a sample?

- A. Visitors to the PS4 section.
- B. Visitors who are on the website for more than 5 minutes.
- C. Visitors over 21.
- D. All of the website visitors.

6) 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. Every person who sent in a complaint about pollution.
- D. A selection of people who live in small towns.



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1. **C**

2. **A**

3. **A**

4. **B**

5. **B**

6. **B**