



Use the scenario to identifying populations and samplings.

Answers

- 1) A gaming website wanted to find out which console its visitors owned.
Which choice **best** represents a sample?
- A. Visitors over 16.
 - B. Visitors to the 3DS section.
 - C. All of the website visitors.
 - D. Visitors with an 'e' in their user name.

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

- 3) A mayor wanted to see if the people in his town thought he was doing a good job.
Which choice **best** represents a population?
- A. The residents of the town.
 - B. 1,000 unemployed voters.
 - C. 258 voters.
 - D. 399 voters age 21 to 30.

- 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 who bought the album.
 - B. A selection of 8,684 people who bought the album.
 - C. A selection of people who didn't want to buy the album.
 - D. 276 girls who bought the album.

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

- 6) A school principal wants to see which subject the 796 students in his school liked best.
Which choice **best** represents a sample?
- A. All the students in the school.
 - B. The girls in the school.
 - C. The first 51 students who come into the school.
 - D. The students making a B in math.

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



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Answers

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