



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. A selection of people who didn't want to buy the album.
  - B. A selection of 3,538 people who bought the album.
  - C. Every person from age 5 - 12 who bought the album.
  - D. Every person who bought the album.

- 2) 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. Local business owners.
  - D. The residents of the town.

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

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

- 5) A school principal wants to see which subject the 511 students in his school liked best.  
Which choice **best** represents a sample?
- A. The students making a B in math.
  - B. The students in 3rd grade.
  - C. 1 classroom for each grade.
  - D. All the students in the school.

- 6) A gaming website wanted to find out which console its visitors owned.  
Which choice **best** represents a population?
- A. All of the website visitors.
  - B. Visitors with an 'e' in their user name.
  - C. Visitors over 20.
  - D. Visitors to the 3DS section.

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_



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