



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. All voters.  
 B. A selection of voters over age 50.  
 C. A selection of male voters.  
 D. A selection of voters from all over the nation.

2) 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. 297 voters.  
 B. 232 voters age 21 to 30.  
 C. The residents of the town.  
 D. The people who voted for the mayor.

3) 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 people who didn't want to buy the album.  
 C. A selection of 3,227 people who bought the album.  
 D. 219 girls who bought the album.

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

5) A restaurant chain wanted to find out how the customer experience was in a store. Which choice **best** represents a sample?

A. Every 23 customer.  
 B. All of the people who ate at the store.  
 C. 200 customers who filled out complaint cards.  
 D. 218 customers who spent more than \$12.

6) A school principal wants to see which subject the {616} 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 girls in the school.  
 D. The first 89 students who come into the school.

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



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**Answers**

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