



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.

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

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

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

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

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

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

- 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.



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1.   **A**  

2.   **C**  

3.   **C**  

4.   **A**  

5.   **A**  

6.   **A**  

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