



Use the scenario to identifying populations and samplings.

**Answers**

- 1) 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 7 different neighborhoods.
  - B. 440 voters age 21 to 30.
  - C. The residents of the town.
  - D. The mayor's family.

- 2) A school principal wants to see which subject the {700} students in his school liked best.  
Which choice **best** represents a population?
- A. 1 classroom for each grade.
  - B. The girls in the school.
  - C. All the students in the school.
  - D. The students making a B in math.

- 3) A musician wanted to see what people who bought his last album thought about the songs.  
Which choice **best** represents a population?
- A. 230 girls who bought the album.
  - B. A selection of people who didn't want to buy the album.
  - C. Every person who bought the album.
  - D. A selection of 4,510 people who bought the album.

- 4) A restaurant chain wanted to find out how the customer experience was in a store.  
Which choice **best** represents a population?
- A. Every 29 customer.
  - B. 262 customers who spent more than \$12.
  - C. All of the people who ate at the store.
  - D. 217 customers who filled out complaint cards.

- 5) Before a nation wide election, a polling place was trying to see who would win.  
Which choice **best** represents a sample?
- A. A selection of voters from all over the nation.
  - B. All voters.
  - C. A selection of male voters.
  - D. A selection of votes from one part of the nation.

- 6) A gaming website wanted to find out which console its visitors owned.  
Which choice **best** represents a sample?
- A. All of the website visitors.
  - B. Visitors with an 'e' in their user name.
  - C. Visitors to the 3DS section.
  - D. Visitors to the PS4 section.

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



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1.   **A**  

2.   **C**  

3.   **C**  

4.   **C**  

5.   **A**  

6.   **B**  

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