**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 sample?

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

- 2) A musician wanted to see what people who bought his last album thought about the songs.

Which choice **best** represents a population?

A. Every person from age 5 - 12 who bought the album.  
B. 289 girls who bought the album.  
C. A selection of 6,194 people who bought the album.  
D. Every person who bought the album.

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

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

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

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

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

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

- 3) A school principal wants to see which subject the {826} students in his school liked best.

Which choice **best** represents a sample?

A. The first 55 students who come into the school.  
B. All the students in the school.  
C. The students in 3rd grade.  
D. The students making a B in math.

- 4) 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 mayor's family.  
B. The residents of 7 different neighborhoods.  
C. The people who voted for the mayor.  
D. The residents of the town.

- 5) A restaurant chain wanted to find out how the customer experience was in a store.

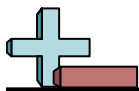
Which choice **best** represents a population?

A. 283 customers who filled out complaint cards.  
B. All of the people who ate at the store.  
C. 1 out of every 22 customers  
D. 241 customers who spent more than \$15.

- 6) A beverage company wanted to see if people in the United States liked their new logo.

Which choice **best** represents a sample?

A. Every person in the United States.  
B. 9,921 children age 5 - 15  
C. 168 male and female employees  
D. A selection of shoppers from different states.



Use the scenario to identifying populations and samplings.

**Answers**

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