

**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 voters of different ages.  
C. A selection of votes from one part of the nation.  
D. A selection of male voters.

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

Which choice **best** represents a population?

A. 276 customers who spent more than \$12.  
B. 1 out of every 47 customers  
C. All of the people who ate at the store.  
D. 283 customers who filled out complaint cards.

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

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

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

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

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

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

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

Which choice **best** represents a sample?

A. 1,364 children age 5 - 15  
B. A selection of logo artists.  
C. A selection of shoppers from different states.  
D. Every person in the United States.

- 4) A school principal wants to see which subject the {541} students in his school liked best.

Which choice **best** represents a population?

A. The girls in the school.  
B. The first 74 students who come into the school.  
C. The students making a B in math.  
D. All the students in the school.

- 5) 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. Every person in the state.  
D. Every person who owns more than 3 cars.

- 6) 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 people who voted for the mayor.  
B. The residents of 8 different neighborhoods.  
C. 206 voters age 21 to 30.  
D. The residents of the town.



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