**Use the scenario to identifying populations and samplings.****Answers**

- 1) A restaurant chain wanted to find out how the customer experience was in a store.
Which choice **best** represents a sample?
- A. 218 customers who spent more than \$10.
 - B. 230 customers who filled out complaint cards.
 - C. All of the people who ate at the store.
 - D. 1 out of every 48 customers

- 2) A school principal wants to see which subject the {853} students in his school liked best.
Which choice **best** represents a population?
- A. All the students in the school.
 - B. 1 classroom for each grade.
 - C. The students making a B in math.
 - D. The students in 3rd grade.

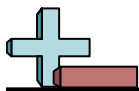
- 3) A survey company was trying to see if people in a state thought the pollution was too high.
Which choice **best** represents a population?
- A. A selection of people from each city in the state.
 - B. Every person who owns more than 3 cars.
 - C. A selection of people who live in dirty neighborhoods.
 - D. Every person in the state.

- 4) A beverage company wanted to see if people in the United States liked their new logo.
Which choice **best** represents a population?
- A. A selection of logo artists.
 - B. Every person in the United States.
 - C. A selection of shoppers from different states.
 - D. 145 male and female employees

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

- 6) A toy store owner tracking how much kids spend each month on toys.
Which choice **best** represents a sample?
- A. 256 rich kids.
 - B. 252 boys age 7 - 15
 - C. All of the kids who buy toys.
 - D. 220 boys and girls in the toy store.

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

**Use the scenario to identifying populations and samplings.****Answers**

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

Which choice **best** represents a sample?

- A. 218 customers who spent more than \$10.
- B. 230 customers who filled out complaint cards.
- C. All of the people who ate at the store.
- D. 1 out of every 48 customers

- 2) A school principal wants to see which subject the {853} students in his school liked best.

Which choice **best** represents a population?

- A. All the students in the school.
- B. 1 classroom for each grade.
- C. The students making a B in math.
- D. The students in 3rd grade.

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

- 3) A survey company was trying to see if people in a state thought the pollution was too high.

Which choice **best** represents a population?

- A. A selection of people from each city in the state.
- B. Every person who owns more than 3 cars.
- C. A selection of people who live in dirty neighborhoods.
- D. Every person in the state.

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

Which choice **best** represents a population?

- A. A selection of logo artists.
- B. Every person in the United States.
- C. A selection of shoppers from different states.
- D. 145 male and female employees

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

- 6) A toy store owner tracking how much kids spend each month on toys.

Which choice **best** represents a sample?

- A. 256 rich kids.
- B. 252 boys age 7 - 15
- C. All of the kids who buy toys.
- D. 220 boys and girls in the toy store.