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

- 1) A toy store owner tracking how much kids spend each month on toys.  
Which choice **best** represents a population?
- A. 247 boys age 7 - 15
  - B. 202 boys and girls in the toy store.
  - C. 232 rich kids.
  - D. All of the kids who buy toys.

- 2) 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 in the state.
  - C. Every person who owns more than 3 cars.
  - D. A selection of people who live in small towns.

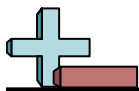
- 3) A musician wanted to see what people who bought his last album thought about the songs.  
Which choice **best** represents a population?
- A. 245 girls who bought the album.
  - B. Every person who bought the album.
  - C. A selection of people who didn't want to buy the album.
  - D. A selection of 8,647 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 sample?
- A. 223 customers who spent more than \$14.
  - B. 1 out of every 25 customers
  - C. All of the people who ate at the store.
  - D. 211 customers who filled out complaint cards.

- 5) A school principal wants to see which subject the {826} students in his school liked best.  
Which choice **best** represents a sample?
- A. 1 classroom for each grade.
  - B. All the students in the school.
  - C. The girls in the school.
  - D. The students making a B in math.

- 6) A gaming website wanted to find out which console its visitors owned.  
Which choice **best** represents a sample?
- A. Visitors to the 3DS section.
  - B. All of the website visitors.
  - C. Visitors over 23.
  - D. Visitors who are on the website for more than 5 minutes.

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



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**Answers**

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