Name:

Use the scenario to identifying populations and samplings.

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

Which choice **best** represents a population?

A. All of the kids who buy toys.

B. 226 boys and girls in the toy store.

C. 230 rich kids.

D. 261 boys age 7 - 15

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

Which choice **best** represents a sample?

A. Every person from age 5 - 12 who bought the album.

B. A selection of 9,630 people who bought the album.

C. 268 girls who bought the album.

D. Every person who bought the album.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

3) Before a nation wide election, a polling place was trying to see who would win.

Which choice **best** represents a population?

A. All voters.

B. A selection of voters from all over the nation.

C. A selection of votes from one part of the nation.

D. A selection of voters over age 50.

4) 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. Every person who owns more than 3 cars.

B. Every person who sent in a complaint about pollution.

C. A selection of people from each city in the state.

D. Every person in the state.

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

Which choice **best** represents a sample?

A. 1 out of every 37 customers

B. All of the people who ate at the store.

C. 245 customers who filled out complaint cards.

D. 229 customers who spent more than $15.

6) A school principal wants to see which subject the 500 students in his school liked best.

Which choice **best** represents a sample?

A. The girls in the school.

B. All the students in the school.

C. The first 86 students who come into the school.

D. The students in 3rd grade.

1-6	83	67	50	33	17	0

Name: **Answer Key**

Use the scenario to identifying populations and samplings.

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

Which choice **best** represents a population?

A. All of the kids who buy toys.

B. 226 boys and girls in the toy store.

C. 230 rich kids.

D. 261 boys age 7 - 15

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

Which choice **best** represents a sample?

A. Every person from age 5 - 12 who bought the album.

B. A selection of 9,630 people who bought the album.

C. 268 girls who bought the album.

D. Every person who bought the album.

1. **A**

2. **B**

3. **A**

4. **D**

5. **A**

6. **C**

3) Before a nation wide election, a polling place was trying to see who would win.

Which choice **best** represents a population?

A. All voters.

B. A selection of voters from all over the nation.

C. A selection of votes from one part of the nation.

D. A selection of voters over age 50.

4) 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. Every person who owns more than 3 cars.

B. Every person who sent in a complaint about pollution.

C. A selection of people from each city in the state.

D. Every person in the state.

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

Which choice **best** represents a sample?

A. 1 out of every 37 customers

B. All of the people who ate at the store.

C. 245 customers who filled out complaint cards.

D. 229 customers who spent more than $15.

6) A school principal wants to see which subject the 500 students in his school liked best.

Which choice **best** represents a sample?

A. The girls in the school.

B. All the students in the school.

C. The first 86 students who come into the school.

D. The students in 3rd grade.

| 1-6 | 83 | 67 | 50 | 33 | 17 | 0 |