



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

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. Every person who sent in a complaint about pollution.
- B. A selection of people from each neighborhood in the state.
- C. Every person in the state.
- D. A selection of people who live in dirty neighborhoods.

3) A school principal wants to see which subject the 528 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 81 students who come into the school.
- D. The students making a B in math.

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

Which choice **best** represents a population?

- A. 243 customers who filled out complaint cards.
- B. All of the people who ate at the store.
- C. 279 customers who spent more than \$14.
- D. Every 23rd customer.

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

Which choice **best** represents a population?

- A. A selection of 1,906 people who bought the album.
- B. Every person from age 5 - 12 who bought the album.
- C. Every person who bought the album.
- D. 281 girls who bought the album.

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

Which choice **best** represents a sample?

- A. All of the kids who buy toys.
- B. 251 boys age 7 - 15
- C. 281 rich kids.
- D. 235 boys and girls in the toy store.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____



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Answers1. **A**2. **C**3. **C**4. **B**5. **C**6. **D**