



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 over age 50.
  - B. A selection of male voters.
  - C. All voters.
  - D. A selection of voters of different ages.

- 2) 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 35 customers
  - B. All of the people who ate at the store.
  - C. 240 customers who spent more than \$10.
  - D. 299 customers who filled out complaint cards.

- 3) 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. 124 voters.
  - B. The residents of the town.
  - C. 271 voters age 21 to 30.
  - D. Local business owners.

- 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 in the state.
  - B. A selection of people from each neighborhood in the state.
  - C. A selection of people who live in dirty neighborhoods.
  - D. A selection of people who live in small towns.

- 5) A school principal wants to see which subject the 845 students in his school liked best. Which choice **best** represents a population?
- A. The students in 3rd grade.
  - B. The first 77 students who come into the school.
  - C. The students making a B in math.
  - D. All the students in the school.

- 6) A musician wanted to see what people who bought his last album thought about the songs. Which choice **best** represents a population?
- A. Every person who bought the album.
  - B. A selection of 7,285 people who bought the album.
  - C. A selection of people who didn't want to buy the album.
  - D. Every person from age 5 - 12 who bought the album.

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



Use the scenario to identifying populations and samplings.

- 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 over age 50.
  - B. A selection of male voters.
  - C. All voters.
  - D. A selection of voters of different ages.

- 2) 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 35 customers
  - B. All of the people who ate at the store.
  - C. 240 customers who spent more than \$10.
  - D. 299 customers who filled out complaint cards.

- 3) 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. 124 voters.
  - B. The residents of the town.
  - C. 271 voters age 21 to 30.
  - D. Local business owners.

- 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 in the state.
  - B. A selection of people from each neighborhood in the state.
  - C. A selection of people who live in dirty neighborhoods.
  - D. A selection of people who live in small towns.

- 5) A school principal wants to see which subject the 845 students in his school liked best. Which choice **best** represents a population?
- A. The students in 3rd grade.
  - B. The first 77 students who come into the school.
  - C. The students making a B in math.
  - D. All the students in the school.

- 6) A musician wanted to see what people who bought his last album thought about the songs. Which choice **best** represents a population?
- A. Every person who bought the album.
  - B. A selection of 7,285 people who bought the album.
  - C. A selection of people who didn't want to buy the album.
  - D. Every person from age 5 - 12 who bought the album.

**Answers**

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