



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. 1 out of every 33 customers
 - B. 213 customers who filled out complaint cards.
 - C. All of the people who ate at the store.
 - D. 290 customers who spent more than \$12.

- 2) 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. 193 voters.
 - B. 458 voters age 21 to 30.
 - C. The residents of the town.
 - D. The mayor's family.

- 3) A gaming website wanted to find out which console its visitors owned.
Which choice **best** represents a population?
- A. Visitors to the 3DS section.
 - B. Visitors to the PS4 section.
 - C. All of the website visitors.
 - D. Visitors who are on the website for more than 5 minutes.

- 4) A school principal wants to see which subject the 858 students in his school liked best.
Which choice **best** represents a sample?
- A. The students making a B in math.
 - B. The girls in the school.
 - C. All the students in the school.
 - D. 1 classroom for each grade.

- 5) 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 who live in small towns.
 - C. A selection of people from each city in the state.
 - D. Every person who sent in a complaint about pollution.

- 6) A beverage company wanted to see if people in the United States liked their new logo.
Which choice **best** represents a population?
- A. 124 male and female employees
 - B. 9,707 children age 5 - 15
 - C. A selection of shoppers from different states.
 - D. Every person in the United States.

- 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. 1 out of every 33 customers
 - B. 213 customers who filled out complaint cards.
 - C. All of the people who ate at the store.
 - D. 290 customers who spent more than \$12.

- 2) 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. 193 voters.
 - B. 458 voters age 21 to 30.
 - C. The residents of the town.
 - D. The mayor's family.

- 3) A gaming website wanted to find out which console its visitors owned.
Which choice **best** represents a population?
- A. Visitors to the 3DS section.
 - B. Visitors to the PS4 section.
 - C. All of the website visitors.
 - D. Visitors who are on the website for more than 5 minutes.

- 4) A school principal wants to see which subject the 858 students in his school liked best.
Which choice **best** represents a sample?
- A. The students making a B in math.
 - B. The girls in the school.
 - C. All the students in the school.
 - D. 1 classroom for each grade.

- 5) 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 who live in small towns.
 - C. A selection of people from each city in the state.
 - D. Every person who sent in a complaint about pollution.

- 6) A beverage company wanted to see if people in the United States liked their new logo.
Which choice **best** represents a population?
- A. 124 male and female employees
 - B. 9,707 children age 5 - 15
 - C. A selection of shoppers from different states.
 - D. Every person in the United States.

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