



Use the scenario to identifying populations and samplings.

**Answers**

- 1) 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. The residents of the town.
  - B. The people who voted for the mayor.
  - C. 1,000 unemployed voters.
  - D. The residents of 6 different neighborhoods.

- 2) 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. Every person from age 5 - 12 who bought the album.
  - C. A selection of 3,286 people who bought the album.
  - D. 232 girls who bought the album.

- 3) A beverage company wanted to see if people in the United States liked their new logo.  
Which choice **best** represents a population?
- A. 145 male and female employees
  - B. 6,943 children age 5 - 15
  - C. A selection of shoppers from different states.
  - D. Every person in the United States.

- 4) A restaurant chain wanted to find out how the customer experience was in a store.  
Which choice **best** represents a population?
- A. Every 25 customer.
  - B. All of the people who ate at the store.
  - C. 215 customers who spent more than \$12.
  - D. 296 customers who filled out complaint cards.

- 5) A toy store owner tracking how much kids spend each month on toys.  
Which choice **best** represents a sample?
- A. 257 boys age 7 - 15
  - B. All of the kids who buy toys.
  - C. 277 rich kids.
  - D. 206 kids from age 10 to 15.

- 6) A survey company was trying to see if people in a state thought the pollution was too high.  
Which choice **best** represents a sample?
- A. A selection of people from each neighborhood in the state.
  - B. Every person who sent in a complaint about pollution.
  - C. Every person in the state.
  - D. A selection of people who live in dirty neighborhoods.

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



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