



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 22 customers
  - B. 243 customers who spent more than \$11.
  - C. 277 customers who filled out complaint cards.
  - D. All of the people who ate at the store.

- 2) 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 from all over the nation.
  - B. A selection of male voters.
  - C. All voters.
  - D. A selection of votes from one part of the nation.

- 3) A toy store owner tracking how much kids spend each month on toys.  
Which choice **best** represents a population?
- A. 259 boys and girls in the toy store.
  - B. 273 rich kids.
  - C. 233 boys age 7 - 15
  - D. All of the kids who buy toys.

- 4) A school principal wants to see which subject the {509} students in his school liked best.  
Which choice **best** represents a sample?
- A. The students in 3rd grade.
  - B. All the students in the school.
  - C. The girls in the school.
  - D. 1 classroom for each grade.

- 5) A mayor wanted to see if the people in his town thought he was doing a good job.  
Which choice **best** represents a population?
- A. The residents of the town.
  - B. 445 voters age 21 to 30.
  - C. The mayor's family.
  - D. The residents of 6 different neighborhoods.

- 6) 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 8,686 people who bought the album.
  - B. A selection of people who didn't want to buy the album.
  - C. Every person who bought the album.
  - D. 244 girls who bought the album.

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



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