Use the scenario to identifying populations and samplings.

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 4 different neighborhoods.

B. The residents of the town.

C. 1,000 unemployed voters.

D. 438 voters age 21 to 30.

2) 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. Every person who owns more than 3 cars.

B. Every person in the state.

C. A selection of people who live in small towns.

D. A selection of people from each neighborhood in the state.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

3) Before a nation wide election, a polling place was trying to see who would win.

Which choice **best** represents a sample?

A. All voters.

B. A selection of male voters.

C. A selection of voters of different ages.

D. A selection of voters over age 50.

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

Which choice **best** represents a population?

A. All of the people who ate at the store.

B. 297 customers who filled out complaint cards.

C. Every 27th customer.

D. 206 customers who spent more than $11.

5) 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. All of the website visitors.

C. Visitors with an 'e' in their user name.

D. Visitors over 21.

6) A school principal wants to see which subject the 635 students in his school liked best.

Which choice **best** represents a sample?

A. The girls in the school.

B. The students making a B in math.

C. 1 classroom for each grade.

D. All the students in the school.

| 1-6 | 83 | 67 | 50 | 33 | 17 | 0 |

Use the scenario to identifying populations and samplings.

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 4 different neighborhoods.
B. The residents of the town.
C. 1,000 unemployed voters.
D. 438 voters age 21 to 30.

2) 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. Every person who owns more than 3 cars.
B. Every person in the state.
C. A selection of people who live in small towns.
D. A selection of people from each neighborhood in the state.

1. ___**A**___

2. ___**D**___

3. ___**C**___

4. ___**A**___

5. ___**B**___

6. ___**C**___

3) Before a nation wide election, a polling place was trying to see who would win.

Which choice **best** represents a sample?

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

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

Which choice **best** represents a population?

A. All of the people who ate at the store.
B. 297 customers who filled out complaint cards.
C. Every 27th customer.
D. 206 customers who spent more than $11.

5) 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. All of the website visitors.
C. Visitors with an 'e' in their user name.
D. Visitors over 21.

6) A school principal wants to see which subject the 635 students in his school liked best.

Which choice **best** represents a sample?

A. The girls in the school.
B. The students making a B in math.
C. 1 classroom for each grade.
D. All the students in the school.

| 1-6 | 83 | 67 | 50 | 33 | 17 | 0 |