Use the scenario to identifying populations	and samplings.	Answers
<ol> <li>A beverage company wanted to see if people in the United States liked their new logo.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A selection of logo artists.</li> <li>B. Every person in the United States.</li> <li>C. A selection of shoppers from different states.</li> <li>D. 3,800 children age 5 - 15</li> </ol>	<ul> <li>2) A musician wanted to see what people who bought his last album thought about the songs.</li> <li>Which choice best represents a sample?</li> <li>A. Every person who bought the album.</li> <li>B. A selection of people who didn't want to buy the album.</li> <li>C. 250 girls who bought the album.</li> <li>D. A selection of 3,294 people who bought the album.</li> </ul>	1.         2.         3.         4.         5.         6.
<ul> <li>3) A gaming website wanted to find out which console its visitors owned. Which choice best represents a population?</li> <li>A. Visitors to the 3DS section.</li> <li>B. All of the website visitors.</li> <li>C. Visitors to the PS4 section.</li> <li>D. Visitors who are on the website for more than 5 minutes.</li> </ul>	<ul> <li>4) Before a nation wide election, a polling place was trying to see who would win. Which choice best represents a sample?</li> <li>A. A selection of voters over age 50.</li> <li>B. A selection of male voters.</li> <li>C. A selection of voters of different ages.</li> <li>D. All voters.</li> </ul>	
<ul> <li>5) A toy store owner tracking how much kids spend each month on toys. Which choice best represents a population?</li> <li>A. All of the kids who buy toys.</li> <li>B. 227 rich kids.</li> <li>C. 228 boys age 7 - 15</li> <li>D. 235 kids from age 10 to 15.</li> </ul>	<ul> <li>6) A mayor wanted to see if the people in his town thought he was doing a good job.</li> <li>Which choice best represents a sample?</li> <li>A. 1,000 unemployed voters.</li> <li>B. The mayor's family.</li> <li>C. The residents of the town.</li> <li>D. 242 voters.</li> </ul>	

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1-6 83 67 50 33 0 17

Name: **Answer Key** 

## Use the scenario to identifying populations and samplings.

 A beverage company wanted to see if people in the United States liked their new logo.

Which choice **best** represents a population?

- A. A selection of logo artists.
- B. Every person in the United States.
- C. A selection of shoppers from different states.
- D. 3,800 children age 5 15
- 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. All of the website visitors.
  - C. Visitors to the PS4 section.
  - D. Visitors who are on the website for more than 5 minutes.

2) A musician wanted to see what people who bought his last album thought about the songs.

Which choice **best** represents a sample?

- A. Every person who bought the album.
- B. A selection of people who didn't want to buy the album.
- C. 250 girls who bought the album.
- D. A selection of 3,294 people who bought the album.
- Answers

   1.
   B

   2.
   D

   3.
   B

   4.
   C

   5.
   A

   6.
   D
- 4) 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. A selection of voters of different ages.
  - D. All voters.

- 5) A toy store owner tracking how much kids spend each month on toys.Which choice **best** represents a population?
  - A. All of the kids who buy toys.
  - B. 227 rich kids.
  - C. 228 boys age 7 15
  - D. 235 kids from age 10 to 15.

6) 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. 1,000 unemployed voters.
- B. The mayor's family.
- C. The residents of the town.
- D. 242 voters.

	Identifying Population	and Sampl	les Name:	
Use	the scenario to identifying populations and	samplings.		Answers
1)	<ul> <li>Before a nation wide election, a polling place was trying to see who would win.</li> <li>Which choice best represents a sample?</li> <li>A. A selection of voters over age 50.</li> <li>B. A selection of male voters.</li> <li>C. All voters.</li> <li>D. A selection of voters of different ages.</li> </ul>	<ul> <li>2) A restation how the store.</li> <li>Which A. 1 (Constraints)</li> <li>B. All store.</li> <li>C. 24 \$1</li> <li>D. 29 constraints</li> </ul>	aurant chain wanted to find out he customer experience was in a a choice <b>best</b> represents a sample? out of every 35 customers ll of the people who ate at the ore. 40 customers who spent more than 10. 99 customers who filled out omplaint cards.	1.         2.         3.         4.         5.         6.
3)	<ul> <li>A mayor wanted to see if the people in his town thought he was doing a good job.</li> <li>Which choice best represents a sample?</li> <li>A. 124 voters.</li> <li>B. The residents of the town.</li> <li>C. 271 voters age 21 to 30.</li> <li>D. Local business owners.</li> </ul>	<ul> <li>4) A surv people was to Which popula</li> <li>A. Ev</li> <li>B. A</li> <li>C. A</li> <li>di</li> <li>D. A</li> <li>sn</li> </ul>	rey company was trying to see if a in a state thought the pollution o high. a choice <b>best</b> represents a attion? very person in the state. selection of people from each eighborhood in the state. selection of people who live in rty neighborhoods. selection of people who live in nall towns.	
5)	<ul> <li>A school principal wants to see which subject the 845 students in his school liked best.</li> <li>Which choice best represents a population?</li> <li>A. The students in 3rd grade.</li> <li>B. The first 77 students who come into the school.</li> <li>C. The students making a B in math.</li> <li>D. All the students in the school.</li> </ul>	<ul> <li>6) A mus who be about the which popula</li> <li>A. Even all</li> <li>B. A be constructed by the bound of the boun</li></ul>	ician wanted to see what people ought his last album thought the songs. a choice <b>best</b> represents a ation? wery person who bought the bum. selection of 7,285 people who ought the album. selection of people who didn't ant to buy the album. wery person from age 5 - 12 who ought the album.	
	Math Common Complete and	2	1-6	83         67         50         33         17         0

	Identifying Populations and	d Samples Name: Answer Ke	ey
Use	the scenario to identifying populations and sar	mplings.	Answers
1)	<ul> <li>Before a nation wide election, a polling place was trying to see who would win.</li> <li>Which choice best represents a sample?</li> <li>A. A selection of voters over age 50.</li> <li>B. A selection of male voters.</li> <li>C. All voters.</li> <li>D. A selection of voters of different ages.</li> </ul>	<ul> <li>A restaurant chain wanted to find out how the customer experience was in a store.</li> <li>Which choice best represents a sample?</li> <li>A. 1 out of every 35 customers</li> <li>B. All of the people who ate at the store.</li> <li>C. 240 customers who spent more than \$10.</li> <li>D. 299 customers who filled out complaint cards.</li> </ul>	D         1.       D         2.       A         3.       A         4.       A         5.       D         6.       A
3)	<ul> <li>A mayor wanted to see if the people in his town thought he was doing a good job.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. 124 voters.</li> <li>B. The residents of the town.</li> <li>C. 271 voters age 21 to 30.</li> <li>D. Local business owners.</li> </ul>	<ul> <li>A survey company was trying to see if people in a state thought the pollution was too high.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. Every person in the state.</li> <li>B. A selection of people from each neighborhood in the state.</li> <li>C. A selection of people who live in dirty neighborhoods.</li> <li>D. A selection of people who live in small towns.</li> </ul>	
5)	<ul> <li>A school principal wants to see which subject the 845 students in his school liked best.</li> <li>Which choice best represents a population?</li> <li>A. The students in 3rd grade.</li> <li>B. The first 77 students who come into the school.</li> <li>C. The students making a B in math.</li> <li>D. All the students in the school.</li> </ul>	<ul> <li>A musician wanted to see what people who bought his last album thought about the songs.</li> <li>Which choice best represents a population?</li> <li>A. Every person who bought the album.</li> <li>B. A selection of 7,285 people who bought the album.</li> <li>C. A selection of people who didn't want to buy the album.</li> <li>D. Every person from age 5 - 12 who bought the album.</li> </ul>	

2

1-6 83 67 50 33 0 17

	Identifying Population	and Samples Name:	11
Use 1)	<ul> <li>the scenario to identifying populations and A mayor wanted to see if the people in his town thought he was doing a good job.</li> <li>Which choice best represents a sample?</li> <li>A. The people who voted for the mayor.</li> <li>B. The residents of the town.</li> <li>C. 263 voters age 21 to 30.</li> <li>D. The residents of 5 different neighborhoods.</li> </ul>	<ul> <li><b>2)</b> Before a nation wide election, a polling place was trying to see who would win. Which choice <b>best</b> represents a sample?</li> <li>A. A selection of male voters.</li> <li>B. A selection of voters over age 50.</li> <li>C. All voters.</li> <li>D. A selection of voters of different ages.</li> </ul>	Answers         1.         2.         3.         4.         5.         6.
3)	<ul> <li>A toy store owner tracking how much kids spend each month on toys.</li> <li>Which choice best represents a sample?</li> <li>A. 264 boys and girls in the toy store.</li> <li>B. All of the kids who buy toys.</li> <li>C. 257 boys age 7 - 15</li> <li>D. 211 rich kids.</li> </ul>	<ul> <li>4) A beverage company wanted to see if people in the United States liked their new logo.</li> <li>Which choice best represents a population?</li> <li>A. A selection of logo artists.</li> <li>B. A selection of shoppers from different states.</li> <li>C. 189 male and female employees</li> <li>D. Every person in the United States.</li> </ul>	
5)	<ul> <li>A gaming website wanted to find out which console its visitors owned.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. All of the website visitors.</li> <li>B. Visitors with an 'e' in their user name.</li> </ul>	<ul> <li>6) A musician wanted to see what people who bought his last album thought about the songs.</li> <li>Which choice best represents a population?</li> <li>A. Every person from age 5 - 12 who bought the album.</li> </ul>	

B. A selection of 3,701 people who

C. A selection of people who didn't want to buy the album.D. Every person who bought the

bought the album.

album.

3

C. Visitors over 23.

Math

D. Visitors to the 3DS section.

1-6 83 67 50 33 17 0

## Name: Answer Key

## Use the scenario to identifying populations and samplings.

 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 people who voted for the mayor.
- B. The residents of the town.
- C. 263 voters age 21 to 30.
- D. The residents of 5 different neighborhoods.
- 3) A toy store owner tracking how much kids spend each month on toys.Which choice **best** represents a sample?
  - A. 264 boys and girls in the toy store.
  - B. All of the kids who buy toys.
  - C. 257 boys age 7 15
  - D. 211 rich kids.

4) A beverage company wanted to see if people in the United States liked their new logo.

2) Before a nation wide election, a polling

A. A selection of male voters.

C. All voters.

ages.

place was trying to see who would win.

Which choice **best** represents a sample?

B. A selection of voters over age 50.

D. A selection of voters of different

Which choice **best** represents a population?

- A. A selection of logo artists.
- B. A selection of shoppers from different states.
- C. 189 male and female employees
- D. Every person in the United States.

- 5) A gaming website wanted to find out which console its visitors owned.Which choice best represents a population?
  - A. All of the website visitors.
  - B. Visitors with an 'e' in their user name.
  - C. Visitors over 23.
  - D. Visitors to the 3DS section.

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 from age 5 12 who bought the album.
- B. A selection of 3,701 people who bought the album.
- C. A selection of people who didn't want to buy the album.
- D. Every person who bought the album.

3

 Answers

 1.
 D

 2.
 D

 3.
 A

 4.
 D

 5.
 A

 6.
 D

	Identifying Populat	ions	and Samples Name:	
Use	the scenario to identifying populations	and	samplings.	Answers
1)	<ul> <li>A survey company was trying to see if people in a state thought the pollution was too high.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. A selection of people from each neighborhood in the state.</li> <li>B. A selection of people who live in small towns.</li> <li>C. Every person in the state.</li> <li>D. A selection of people who live in dirty neighborhoods.</li> </ul>	2)	<ul> <li>A school principal wants to see which subject the 695 students in his school liked best.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. The girls in the school.</li> <li>B. 1 classroom for each grade.</li> <li>C. All the students in the school.</li> <li>D. The students making a B in math.</li> </ul>	1.
3)	<ul> <li>A gaming website wanted to find out which console its visitors owned.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. Visitors with an 'e' in their user name.</li> <li>B. Visitors to the 3DS section.</li> <li>C. Visitors over 22.</li> <li>D. All of the website visitors.</li> </ul>	4)	<ul> <li>A toy store owner tracking how much kids spend each month on toys.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. All of the kids who buy toys.</li> <li>B. 275 rich kids.</li> <li>C. 200 kids from age 10 to 15.</li> <li>D. 292 boys age 7 - 15</li> </ul>	
5)	A mayor wanted to see if the people in his town thought he was doing a good job. Which choice <b>best</b> represents a population?	6)	A beverage company wanted to see if people in the United States liked their new logo. Which choice <b>best</b> represents a sample? A. A selection of shoppers from	

- A. The residents of 4 different neighborhoods.
- B. The residents of the town.
- C. 442 voters age 21 to 30.
- D. Local business owners.

- A. A selection of shoppers from different states.
- B. Every person in the United States.
- C. 153 male and female employees
- D. A selection of logo artists.

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	Identifying Population	ns and Samples Name: Answer K	ley
Use	the scenario to identifying populations a	nd samplings.	Answers
1)	<ul> <li>A survey company was trying to see if people in a state thought the pollution was too high.</li> <li>Which choice best represents a population?</li> <li>A. A selection of people from each neighborhood in the state.</li> <li>B. A selection of people who live in small towns.</li> <li>C. Every person in the state.</li> <li>D. A selection of people who live in dirty neighborhoods.</li> </ul>	<ul> <li>A school principal wants to see which subject the 695 students in his school liked best.</li> <li>Which choice best represents a sample?</li> <li>A. The girls in the school.</li> <li>B. 1 classroom for each grade.</li> <li>C. All the students in the school.</li> <li>D. The students making a B in math.</li> </ul>	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
3)	<ul> <li>A gaming website wanted to find out which console its visitors owned.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. Visitors with an 'e' in their user name.</li> <li>B. Visitors to the 3DS section.</li> <li>C. Visitors over 22.</li> <li>D. All of the website visitors.</li> </ul>	<ul> <li>A toy store owner tracking how much kids spend each month on toys.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. All of the kids who buy toys.</li> <li>B. 275 rich kids.</li> <li>C. 200 kids from age 10 to 15.</li> <li>D. 292 boys age 7 - 15</li> </ul>	

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 4 different neighborhoods.
- B. The residents of the town.
- C. 442 voters age 21 to 30.
- D. Local business owners.

6) A beverage company wanted to see if people in the United States liked their new logo.

Which choice **best** represents a sample?

- A. A selection of shoppers from different states.
- B. Every person in the United States.
- C. 153 male and female employees
- D. A selection of logo artists.

4

1-6 83 67 50 33 17 0

	Identifying Populations	s and	Samples Name:	
Use	e the scenario to identifying populations and	d sam	plings.	Answers
1)	<ul> <li>A toy store owner tracking how much kids spend each month on toys.</li> <li>Which choice best represents a sample?</li> <li>A. 248 boys age 7 - 15</li> <li>B. 250 boys and girls in the toy store.</li> <li>C. 222 rich kids.</li> <li>D. All of the kids who buy toys.</li> </ul>	2)	<ul> <li>A survey company was trying to see if people in a state thought the pollution was too high.</li> <li>Which choice best represents a population?</li> <li>A. Every person who owns more than 3 cars.</li> <li>B. A selection of people from each neighborhood in the state.</li> <li>C. A selection of people who live in dirty neighborhoods.</li> <li>D. Every person in the state.</li> </ul>	1.
3)	<ul> <li>A mayor wanted to see if the people in his town thought he was doing a good job.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. 261 voters age 21 to 30.</li> <li>B. Local business owners.</li> <li>C. 272 voters.</li> <li>D. The residents of the town.</li> </ul>	4)	<ul> <li>Before a nation wide election, a polling place was trying to see who would win.</li> <li>Which choice best represents a sample?</li> <li>A. A selection of voters over age 50.</li> <li>B. A selection of voters of different ages.</li> <li>C. All voters.</li> <li>D. A selection of votes from one part of the nation.</li> </ul>	
5)	<ul> <li>A gaming website wanted to find out which console its visitors owned.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. All of the website visitors.</li> <li>B. Visitors over 21.</li> <li>C. Visitors to the PS4 section.</li> <li>D. Visitors with an 'e' in their user name.</li> </ul>	6)	<ul> <li>A beverage company wanted to see if people in the United States liked their new logo.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. Every person in the United States.</li> <li>B. A selection of logo artists.</li> <li>C. A selection of shoppers from different states.</li> <li>D. 187 male and female employees</li> </ul>	

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	Identifying Population	is and	Samples Name: Answer	Key	
Use	e the scenario to identifying populations ar	ıd sam	plings.	An	swers
1)	<ul> <li>A toy store owner tracking how much kids spend each month on toys.</li> <li>Which choice best represents a sample?</li> <li>A. 248 boys age 7 - 15</li> <li>B. 250 boys and girls in the toy store.</li> <li>C. 222 rich kids.</li> <li>D. All of the kids who buy toys.</li> </ul>	2)	<ul> <li>A survey company was trying to see if people in a state thought the pollution was too high.</li> <li>Which choice best represents a population?</li> <li>A. Every person who owns more than 3 cars.</li> <li>B. A selection of people from each neighborhood in the state.</li> <li>C. A selection of people who live in dirty neighborhoods.</li> <li>D. Every person in the state.</li> </ul>	1. 2. 3. 4. 5. 6.	B D D B D A
3)	<ul> <li>A mayor wanted to see if the people in his town thought he was doing a good job.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. 261 voters age 21 to 30.</li> <li>B. Local business owners.</li> <li>C. 272 voters.</li> <li>D. The residents of the town.</li> </ul>	4)	<ul> <li>Before a nation wide election, a polling place was trying to see who would win.</li> <li>Which choice best represents a sample?</li> <li>A. A selection of voters over age 50.</li> <li>B. A selection of voters of different ages.</li> <li>C. All voters.</li> <li>D. A selection of votes from one part of the nation.</li> </ul>		
5)	<ul> <li>A gaming website wanted to find out which console its visitors owned.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. All of the website visitors.</li> <li>B. Visitors over 21.</li> <li>C. Visitors to the PS4 section.</li> <li>D. Visitors with an 'e' in their user name.</li> </ul>	6)	<ul> <li>A beverage company wanted to see if people in the United States liked their new logo.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. Every person in the United States.</li> <li>B. A selection of logo artists.</li> <li>C. A selection of shoppers from different states.</li> </ul>		

D. 187 male and female employees

	Identifying Populations	ar	nd Samples Name:	
Use	the scenario to identifying populations and	l sa	mplings.	Answers
1)	A gaming website wanted to find out which console its visitors owned.	2)	Before a nation wide election, a polling place was trying to see who would win.	1.
	Which choice <b>best</b> represents a population?		Which choice <b>best</b> represents a population?	2
	<ul><li>A. Visitors to the 3DS section.</li><li>B. All of the website visitors</li></ul>		A. A selection of voters from all over the nation.	2
	C. Visitors to the PS4 section.		B. A selection of voters over age 50.	3
	D. Visitors who are on the website for more than 5 minutes.		C. A selection of votes from one part of the nation.	4
			D. All voters.	5.

3) 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. 148 voters.

B. 253 voters age 21 to 30.

- C. The mayor's family.
- D. The residents of the town.

- 4) A toy store owner tracking how much kids spend each month on toys.Which choice best represents a sample?
  - A. All of the kids who buy toys.
  - B. 208 boys age 7 15
  - C. 249 rich kids.
  - D. 205 kids from age 10 to 15.

5) A school principal wants to see which subject the 842 students in his school liked best.

Which choice **best** represents a sample?

- A. The students in 3rd grade.
- B. The students making a B in math.
- C. 1 classroom for each grade.
- 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 sample?

- A. 282 girls who bought the album.
- B. A selection of 1,537 people who bought the album.
- C. Every person from age 5 12 who bought the album.
- D. Every person who bought the album.

6

1-6 83 67 50 33 17 0

6.

Name: **Answer Key** 

## Use the scenario to identifying populations and samplings.

- 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 to the PS4 section.
  - D. Visitors who are on the website for more than 5 minutes.

3) 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. 148 voters.

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- C. The mayor's family.
- D. The residents of the town.

- 2) Before a nation wide election, a polling place was trying to see who would win. Which choice **best** represents a population?
  - A. A selection of voters from all over the nation.
  - B. A selection of voters over age 50.
  - C. A selection of votes from one part of the nation.
  - D. All voters.

- Answers

   1.
   B

   2.
   D

   3.
   D

   4.
   D

   5.
   C

   6.
   B
- 4) A toy store owner tracking how much kids spend each month on toys.Which choice **best** represents a sample?
  - A. All of the kids who buy toys.
  - B. 208 boys age 7 15
  - C. 249 rich kids.
  - D. 205 kids from age 10 to 15.

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- D. Every person who bought the album.

	Identifying Population	ns ar	nd Samples Name:	
Use	the scenario to identifying populations a	nd sa	mplings.	Answers
1)	<ul> <li>A mayor wanted to see if the people in his town thought he was doing a good job.</li> <li>Which choice best represents a sample?</li> <li>A. The residents of the town.</li> <li>B. The mayor's family.</li> <li>C. 1,000 unemployed voters.</li> <li>D. The residents of 5 different neighborhoods.</li> </ul>	2)	<ul> <li>A toy store owner tracking how much kids spend each month on toys.</li> <li>Which choice best represents a sample?</li> <li>A. 226 kids from age 10 to 15.</li> <li>B. 286 boys age 7 - 15</li> <li>C. 284 rich kids.</li> <li>D. All of the kids who buy toys.</li> </ul>	1.         2.         3.         4.         5.         6.
3)	<ul> <li>Before a nation wide election, a polling place was trying to see who would win.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. All voters.</li> <li>B. A selection of male voters.</li> <li>C. A selection of votes from one part of the nation.</li> <li>D. A selection of voters from all over the nation.</li> </ul>	4)	<ul> <li>A musician wanted to see what people who bought his last album thought about the songs.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. Every person from age 5 - 12 who bought the album.</li> <li>B. Every person who bought the album.</li> <li>C. 213 girls who bought the album.</li> <li>D. A selection of 5,717 people who bought the album.</li> </ul>	
5)	<ul> <li>A beverage company wanted to see if people in the United States liked their new logo.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. A selection of shoppers from different states.</li> <li>B. 3,741 children age 5 - 15</li> <li>C. Every person in the United States.</li> <li>D. 188 male and female employees</li> </ul>	6)	<ul> <li>A survey company was trying to see if people in a state thought the pollution was too high.</li> <li>Which choice best represents a sample?</li> <li>A. Every person who owns more than 3 cars.</li> <li>B. Every person in the state.</li> <li>C. A selection of people who live in small towns.</li> <li>D. A selection of people from each neighborhood in the state.</li> </ul>	

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	Identifying Populations a	and Samples Name: Answer K	ey
Use	the scenario to identifying populations and s	amplings.	Answers
1)	<ul> <li>A mayor wanted to see if the people in his town thought he was doing a good job.</li> <li>Which choice best represents a sample?</li> <li>A. The residents of the town.</li> <li>B. The mayor's family.</li> <li>C. 1,000 unemployed voters.</li> <li>D. The residents of 5 different neighborhoods.</li> </ul>	<ul> <li>A toy store owner tracking how much kids spend each month on toys.</li> <li>Which choice best represents a sample?</li> <li>A. 226 kids from age 10 to 15.</li> <li>B. 286 boys age 7 - 15</li> <li>C. 284 rich kids.</li> <li>D. All of the kids who buy toys.</li> </ul>	1. $D$ 2. $A$ 3. $A$ 4. $B$ 5. $C$ 6. $D$
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5) A beverage company wanted to see if people in the United States liked their new logo.

Which choice **best** represents a population?

- A. A selection of shoppers from different states.
- B. 3,741 children age 5 15
- C. Every person in the United States.
- D. 188 male and female employees

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. 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.

	Identifying Population	ons ar	nd Samples Name:	
Use	the scenario to identifying populations a	and sa	mplings.	Answers
1)	<ul> <li>A gaming website wanted to find out which console its visitors owned.</li> <li>Which choice best represents a sample?</li> <li>A. Visitors over 16.</li> <li>B. Visitors to the 3DS section.</li> <li>C. All of the website visitors.</li> <li>D. Visitors with an 'e' in their user name.</li> </ul>	2)	<ul> <li>Before a nation wide election, a polling place was trying to see who would win.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. A selection of votes from one part of the nation.</li> <li>B. All voters.</li> <li>C. A selection of male voters.</li> <li>D. A selection of voters from all over the nation.</li> </ul>	1.
3)	<ul> <li>A mayor wanted to see if the people in his town thought he was doing a good job.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. The residents of the town.</li> <li>B. 1,000 unemployed voters.</li> <li>C. 258 voters.</li> <li>D. 399 voters age 21 to 30.</li> </ul>	4)	<ul> <li>A musician wanted to see what people who bought his last album thought about the songs.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. Every person who bought the album.</li> <li>B. A selection of 8,684 people who bought the album.</li> <li>C. A selection of people who didn't want to buy the album.</li> <li>D. 276 girls who bought the album.</li> </ul>	
5)	<ul> <li>A survey company was trying to see if people in a state thought the pollution was too high.</li> <li>Which choice best represents a sample?</li> <li>A. Every person who sent in a complaint about pollution.</li> <li>B. A selection of people from each neighborhood in the state.</li> <li>C. A selection of people who live in small towns.</li> <li>D. Every person in the state.</li> </ul>	6)	<ul> <li>A school principal wants to see which subject the 796 students in his school liked best.</li> <li>Which choice best represents a sample?</li> <li>A. All the students in the school.</li> <li>B. The girls in the school.</li> <li>C. The first 51 students who come into the school.</li> <li>D. The students making a B in math.</li> </ul>	

	Identifying Populatio	ns ar	nd Samples Name: Answer I	Key
Use	the scenario to identifying populations a	nd sa	amplings.	Answers
1)	<ul> <li>A gaming website wanted to find out which console its visitors owned.</li> <li>Which choice best represents a sample?</li> <li>A. Visitors over 16.</li> <li>B. Visitors to the 3DS section.</li> <li>C. All of the website visitors.</li> <li>D. Visitors with an 'e' in their user name.</li> </ul>	2)	<ul> <li>Before a nation wide election, a polling place was trying to see who would win.</li> <li>Which choice best represents a population?</li> <li>A. A selection of votes from one part of the nation.</li> <li>B. All voters.</li> <li>C. A selection of male voters.</li> <li>D. A selection of voters from all over the nation.</li> </ul>	1. $D$ 2. $B$ 3. $A$ 4. $B$ 5. $B$ 6. $C$
3)	<ul> <li>A mayor wanted to see if the people in his town thought he was doing a good job.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. The residents of the town.</li> <li>B. 1,000 unemployed voters.</li> <li>C. 258 voters.</li> <li>D. 399 voters age 21 to 30.</li> </ul>	4)	<ul> <li>A musician wanted to see what people who bought his last album thought about the songs.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. Every person who bought the album.</li> <li>B. A selection of 8,684 people who bought the album.</li> <li>C. A selection of people who didn't want to buy the album.</li> <li>D. 276 girls who bought the album.</li> </ul>	
5)	A survey company was trying to see if people in a state thought the pollution was too high.	6)	A school principal wants to see which subject the 796 students in his school liked best.	

Which choice **best** represents a sample?

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

Which choice **best** represents a sample?

- A. All the students in the school.
- The girls in the school. B.
- C. The first 51 students who come into the school.
- D. The students making a B in math.

	Identifying Populatio	ns ar	nd Samples Name:	
Use	e the scenario to identifying populations a	nd sa	mplings.	Answers
1)	<ul> <li>A toy store owner tracking how much kids spend each month on toys.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. All of the kids who buy toys.</li> <li>B. 226 boys and girls in the toy store.</li> <li>C. 230 rich kids.</li> <li>D. 261 boys age 7 - 15</li> </ul>	2)	<ul> <li>A musician wanted to see what people who bought his last album thought about the songs.</li> <li>Which choice best represents a sample?</li> <li>A. Every person from age 5 - 12 who bought the album.</li> <li>B. A selection of 9,630 people who bought the album.</li> <li>C. 268 girls who bought the album.</li> <li>D. Every person who bought the album.</li> </ul>	1.         2.         3.         4.         5.         6.
3)	<ul> <li>Before a nation wide election, a polling place was trying to see who would win.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. All voters.</li> <li>B. A selection of voters from all over the nation.</li> <li>C. A selection of votes from one part of the nation.</li> <li>D. A selection of voters over age 50.</li> </ul>	4)	<ul> <li>A survey company was trying to see if people in a state thought the pollution was too high.</li> <li>Which choice best represents a population?</li> <li>A. Every person who owns more than 3 cars.</li> <li>B. Every person who sent in a complaint about pollution.</li> <li>C. A selection of people from each city in the state.</li> <li>D. Every person in the state.</li> </ul>	
5)	<ul> <li>A restaurant chain wanted to find out how the customer experience was in a store.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. 1 out of every 37 customers</li> <li>B. All of the people who ate at the store.</li> <li>C. 245 customers who filled out complaint cards.</li> <li>D. 229 customers who spent more than \$15.</li> </ul>	6)	<ul> <li>A school principal wants to see which subject the 500 students in his school liked best.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. The girls in the school.</li> <li>B. All the students in the school.</li> <li>C. The first 86 students who come into the school.</li> <li>D. The students in 3rd grade.</li> </ul>	

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**Answer Key Identifying Populations and Samples** Name: Use the scenario to identifying populations and samplings. Answers 1) A toy store owner tracking how much 2) A musician wanted to see what people kids spend each month on toys. who bought his last album thought Α 1. about the songs. Which choice **best** represents a population? Which choice **best** represents a sample? 2. A. Every person from age 5 - 12 who A. All of the kids who buy toys. bought the album. B. 226 boys and girls in the toy store. 3. B. A selection of 9,630 people who C. 230 rich kids. bought the album. D. 261 boys age 7 - 15 C. 268 girls who bought the album. 4. D. Every person who bought the album. 6. 3) Before a nation wide election, a polling 4) A survey company was trying to see if place was trying to see who would win. people in a state thought the pollution was too high. Which choice **best** represents a Which choice **best** represents a population? population? A. All voters. A. Every person who owns more than B. A selection of voters from all over 3 cars. the nation. B. Every person who sent in a C. A selection of votes from one part complaint about pollution. of the nation. C. A selection of people from each D. A selection of voters over age 50. city in the state. D. Every person in the state. 5) A restaurant chain wanted to find out 6) A school principal wants to see which subject the 500 students in his school how the customer experience was in a liked best. store. Which choice **best** represents a sample? Which choice **best** represents a sample? A. 1 out of every 37 customers A. The girls in the school. B. All of the people who ate at the B. All the students in the school. store. C. The first 86 students who come into C. 245 customers who filled out the school. complaint cards. D. The students in 3rd grade. D. 229 customers who spent more than \$15.

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1-6 83 67 50 33 17 0

	Identifying Populati	ons	and Samples Name:	
Use	the scenario to identifying populations	and	samplings.	Answers
1)	<ul> <li>A survey company was trying to see if people in a state thought the pollution was too high.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. A selection of people who live in small towns.</li> <li>B. A selection of people who live in dirty neighborhoods.</li> <li>C. Every person in the state.</li> <li>D. A selection of people from each neighborhood in the state.</li> </ul>	2)	<ul> <li>Before a nation wide election, a polling place was trying to see who would win.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. A selection of voters of different ages.</li> <li>B. All voters.</li> <li>C. A selection of male voters.</li> <li>D. A selection of votes from one part of the nation.</li> </ul>	1.
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5)	<ul> <li>A gaming website wanted to find out which console its visitors owned.</li> <li>Which choice <b>best</b> represents a population?</li> <li>A. All of the website visitors.</li> <li>B. Visitors to the 3DS section.</li> <li>C. Visitors with an 'e' in their user name.</li> <li>D. Visitors to the PS4 section.</li> </ul>	6)	<ul> <li>A musician wanted to see what people who bought his last album thought about the songs.</li> <li>Which choice best represents a sample?</li> <li>A. Every person who bought the album.</li> <li>B. 257 girls who bought the album.</li> <li>C. A selection of 3,106 people who bought the album.</li> <li>D. A selection of people who didn't</li> </ul>	

want to buy the album.

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Math

	Identifying Populati	ons	and Samples Name: Answer	Key	
Use	the scenario to identifying populations	and	l samplings.	Ans	swers
1)	<ul> <li>A survey company was trying to see if people in a state thought the pollution was too high.</li> <li>Which choice best represents a sample?</li> <li>A. A selection of people who live in small towns.</li> <li>B. A selection of people who live in dirty neighborhoods.</li> <li>C. Every person in the state.</li> <li>D. A selection of people from each neighborhood in the state.</li> </ul>	2)	<ul> <li>Before a nation wide election, a polling place was trying to see who would win.</li> <li>Which choice <b>best</b> represents a sample?</li> <li>A. A selection of voters of different ages.</li> <li>B. All voters.</li> <li>C. A selection of male voters.</li> <li>D. A selection of votes from one part of the nation.</li> </ul>	1	D A B D A C
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Math

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- D. A selection of people who didn't want to buy the album.

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