

Identifying Populations and Samples

Use the scenario to identifying populations and samplings.

 A school principal wants to see which subject the {526} students in his school liked best.

Which choice best represents a sample?

- A. All the students in the school.
- B. The students in 3rd grade.
- C. The first 90 students who come into the school.
- D. The students making a B in math.
- 3) A gaming website wanted to find out which console its visitors owned.Which choice **best** represents a sample?
 - A. All of the website visitors.
 - B. Visitors over 24.
 - C. Visitors with an 'e' in their user name.
 - D. Visitors to the 3DS section.

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

Which choice **best** represents a population?

- A. Every 23 customer.
- B. 255 customers who filled out complaint cards.
- C. All of the people who ate at the store.
- D. 243 customers who spent more than \$11.

- 2) 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 votes from one part of the nation.
 - D. A selection of voters from all over the nation.
- Answers

 Answers

 1.

 2.

 3.

 4.

 5.

 6.
- 4) 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 who owns more than 3 cars.
- B. Every person in the state.
- C. A selection of people from each neighborhood in the state.
- D. A selection of people who live in small towns.
- 6) 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 from age 5 12 who bought the album.
- B. Every person who bought the album.
- C. 279 girls who bought the album.
- D. A selection of 8,724 people who bought the album.

Answer Key Identifying Populations and Samples Name: Use the scenario to identifying populations and samplings. Answers 1) A school principal wants to see which 2) Before a nation wide election, a polling С subject the {526} students in his school place was trying to see who would win. 1. liked best. Which choice **best** represents a sample? Which choice **best** represents a sample? A. All voters. 2. A. All the students in the school. B. A selection of male voters. B. The students in 3rd grade. C. A selection of votes from one part 3. C. The first 90 students who come into of the nation. the school. D. A selection of voters from all over B D. The students making a B in math. the nation. 5. D 3) A gaming website wanted to find out 4) A survey company was trying to see if

- A gaming website wanted to find out which console its visitors owned.Which choice **best** represents a sample?
 - A. All of the website visitors.
 - B. Visitors over 24.
 - C. Visitors with an 'e' in their user name.
 - D. Visitors to the 3DS section.

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

Which choice **best** represents a population?

- A. Every 23 customer.
- B. 255 customers who filled out complaint cards.
- C. All of the people who ate at the store.
- D. 243 customers who spent more than \$11.

4) A survey company was trying to see if people in a state thought the pollution was too high.

Which choice **best** represents a population?

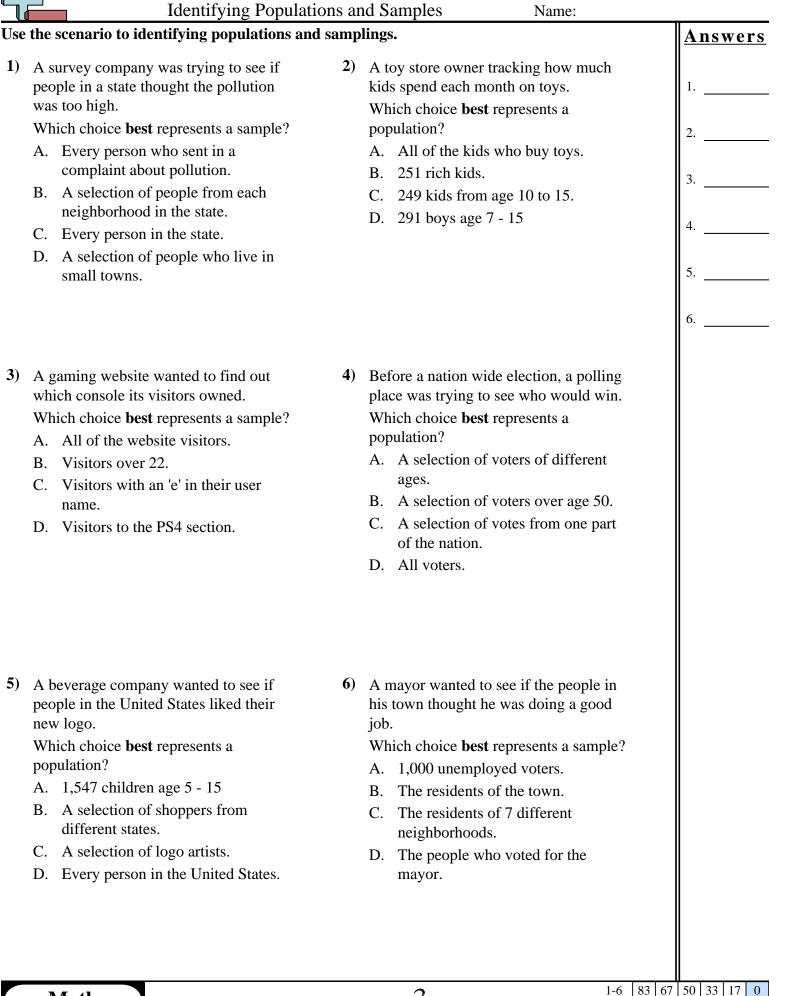
- A. Every person who owns more than 3 cars.
- B. Every person in the state.
- C. A selection of people from each neighborhood in the state.
- D. A selection of people who live in small towns.
- 6) A musician wanted to see what people who bought his last album thought about the songs.

Which choice **best** represents a sample?

- A. Every person from age 5 12 who bought the album.
- B. Every person who bought the album.
- C. 279 girls who bought the album.
- D. A selection of 8,724 people who bought the album.

Identifying Populat Use the scenario to identifying populations an			Answers
 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 w a v p A E	 A musician wanted to see what people who bought his last album thought bout the songs. Which choice best represents a opulation? 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. 	1.
 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. 	h s V P A E	 A restaurant chain wanted to find out ow the customer experience was in a tore. Which choice best represents a opulation? 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. 	p W V A E	 A survey company was trying to see if eople in a state thought the pollution vas 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. O. A selection of people who live in dirty neighborhoods. 	

Identifying Populat	tions and Samples Name: Answei	r Key
Use the scenario to identifying populations an	id samplings.	Answers
 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. 	1. D 2. A 3. D 4. B 5. D 6. A
 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. 	



	Identifying Populati	ons an	d Samples Name: Answer	· Ke	y
Use	the scenario to identifying populations and	l sampl	lings.	Ans	wers
1)	 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 sent in a complaint about pollution. B. A selection of people from each neighborhood in the state. C. Every person in the state. D. A selection of people who live in small towns. 	2)	 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. 251 rich kids. C. 249 kids from age 10 to 15. D. 291 boys age 7 - 15 	1.	B A C D D C
3)	 A gaming website wanted to find out which console its visitors owned. Which choice best represents a sample? A. All of the website visitors. B. Visitors over 22. C. Visitors with an 'e' in their user name. D. Visitors to the PS4 section. 	4)	 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 of different ages. B. A selection of voters over age 50. C. A selection of votes from one part of the nation. D. All voters. 		
5)	 A beverage company wanted to see if people in the United States liked their new logo. Which choice best represents a population? A. 1,547 children age 5 - 15 B. A selection of shoppers from different states. C. A selection of logo artists. D. Every person in the United States. 	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 residents of the town. C. The residents of 7 different neighborhoods. D. The people who voted for the mayor. 		
			2 1-6 83 67	50 33	

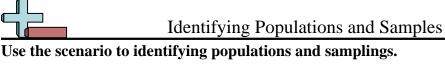
se the scenario to identifying populations and	l samplings.	Answers
 A musician wanted to see what people who bought his last album thought about the songs. Which choice best represents a sample? A. Every person who bought the album. B. 294 girls who bought the album. C. A selection of 2,995 people who bought the album. D. Every person from age 5 - 12 who bought the album. 	 2) 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. A selection of people from each city in the state. B. Every person in the state. C. A selection of people who live in small towns. D. Every person who sent in a complaint about pollution. 	1. 2. 3. 4. 5. 6.
 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. Visitors who are on the website for more than 5 minutes. D. All of the website visitors. 	 4) A toy store owner tracking how much kids spend each month on toys. Which choice best represents a sample? A. 233 rich kids. B. 246 kids from age 10 to 15. C. All of the kids who buy toys. D. 208 boys age 7 - 15 	

5) A school principal wants to see which subject the {682} students in his school liked best.

Which choice **best** represents a population?

- A. All the students in the school.
- B. The students in 3rd grade.
- C. The students making a B in math.
- D. The first 57 students who come into the school.
- 6) 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 votes from one part of the nation.
 - B. A selection of voters of different ages.
 - C. A selection of male voters.
 - D. All voters.

	Identifying Populatio		▲ · · · · · · · · · · · · · · · · · · ·	
1)	 the scenario to identifying populations and 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. 294 girls who bought the album. C. A selection of 2,995 people who bought the album. D. Every person from age 5 - 12 who bought the album. 	2)	 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. A selection of people from each city in the state. B. Every person in the state. C. A selection of people who live in small towns. D. Every person who sent in a complaint about pollution. 	Answers 1. C 2. B 3. D 4. B 5. A 6. D
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. Visitors who are on the website for more than 5 minutes. D. All of the website visitors. 	4)	 A toy store owner tracking how much kids spend each month on toys. Which choice best represents a sample? A. 233 rich kids. B. 246 kids from age 10 to 15. C. All of the kids who buy toys. D. 208 boys age 7 - 15 	
5)	 A school principal wants to see which subject the {682} students in his school liked best. Which choice best represents a population? A. All the students in the school. B. The students in 3rd grade. C. The students making a B in math. D. The first 57 students who come into the school. 	6)	 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 votes from one part of the nation. B. A selection of voters of different ages. C. A selection of male voters. D. All voters. 	



 A school principal wants to see which subject the {520} students in his school liked best.

Which choice **best** represents a population?

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

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

Which choice **best** represents a sample?

- A. A selection of 7,501 people who bought the album.
- B. Every person who bought the album.
- C. 238 girls who bought the album.
- D. Every person from age 5 12 who bought the album.
- 5) 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. A selection of people from each neighborhood in the state.
- C. Every person in the state.
- D. A selection of people who live in small towns.

- 2) A gaming website wanted to find out which console its visitors owned.Which choice **best** represents a population?
 - A. Visitors with an 'e' in their user name.
 - B. Visitors over 20.
 - C. All of the website visitors.
 - D. Visitors to the 3DS section.
- 4) A restaurant chain wanted to find out how the customer experience was in a

Which choice **best** represents a sample?

- A. 296 customers who spent more than \$14.
- B. Every 21 customer.

store.

- C. 250 customers who filled out complaint cards.
- D. All of the people who ate at the store.
- 6) A toy store owner tracking how much kids spend each month on toys.

Which choice **best** represents a sample?

- A. 285 rich kids.
- B. All of the kids who buy toys.
- C. 289 kids from age 10 to 15.
- D. 229 boys age 7 15

Answers

1.

2.

3.

5.

Identifying Populat	tions and Samples Name: Answei	r Key
Use the scenario to identifying populations and	d samplings.	Answers
 A school principal wants to see which subject the {520} students in his school liked best. Which choice best represents a population? A. The students making a B in math. B. 1 classroom for each grade. C. All the students in the school. D. The girls in the school. 	 2) A gaming website wanted to find out which console its visitors owned. Which choice best represents a population? A. Visitors with an 'e' in their user name. B. Visitors over 20. C. All of the website visitors. D. Visitors to the 3DS section. 	1. C 2. C 3. A 4. B 5. B 6. C
 3) A musician wanted to see what people who bought his last album thought about the songs. Which choice best represents a sample? A. A selection of 7,501 people who bought the album. B. Every person who bought the album. C. 238 girls who bought the album. D. Every person from age 5 - 12 who bought the album. 	 4) A restaurant chain wanted to find out how the customer experience was in a store. Which choice best represents a sample? A. 296 customers who spent more than \$14. B. Every 21 customer. C. 250 customers who filled out complaint cards. D. All of the people who ate at the store. 	
 5) 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. A selection of people from each neighborhood in the state. C. Every person in the state. D. A selection of people who live in small towns. 	 6) A toy store owner tracking how much kids spend each month on toys. Which choice best represents a sample? A. 285 rich kids. B. All of the kids who buy toys. C. 289 kids from age 10 to 15. D. 229 boys age 7 - 15 	

Se	e the scenario to identifying populations and	l samp	lings.	Answers
.)	 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 who are on the website for more than 5 minutes. C. Visitors over 24. D. All of the website visitors. 	2)	 A school principal wants to see which subject the {775} students in his school liked best. Which choice best represents a sample? A. The girls in the school. B. The first 74 students who come into the school. C. All the students in the school. D. The students making a B in math. 	1. 2. 3. 4. 5. 6.
5)	 A restaurant chain wanted to find out how the customer experience was in a store. Which choice best represents a population? A. 275 customers who filled out complaint cards. B. All of the people who ate at the store. C. 281 customers who spent more than \$13. D. 1 out of every 28 customers 	4)	 A toy store owner tracking how much kids spend each month on toys. Which choice best represents a sample? A. 276 boys and girls in the toy store. B. All of the kids who buy toys. C. 287 rich kids. D. 254 boys age 7 - 15 	
5)	 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 10 different neighborhoods. B. The residents of the town. C. The people who voted for the mayor. D. The mayor's family. 	6)	 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. 132 male and female employees C. Every person in the United States. D. 2,589 children age 5 - 15 	

	Identifying Population	ons ar	nd Samples Name: Answe	r Kev	V
Use	the scenario to identifying populations and			Π.	wers
1)	 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 who are on the website for more than 5 minutes. C. Visitors over 24. D. All of the website visitors. 	2)	-	1.	D B B A A C
3)	 A restaurant chain wanted to find out how the customer experience was in a store. Which choice best represents a population? A. 275 customers who filled out complaint cards. B. All of the people who ate at the store. C. 281 customers who spent more than \$13. D. 1 out of every 28 customers 	4)	 A toy store owner tracking how much kids spend each month on toys. Which choice best represents a sample? A. 276 boys and girls in the toy store. B. All of the kids who buy toys. C. 287 rich kids. D. 254 boys age 7 - 15 		
5)	 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 10 different neighborhoods. B. The residents of the town. C. The people who voted for the mayor. D. The mayor's family. 	6)	 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. 132 male and female employees C. Every person in the United States. D. 2,589 children age 5 - 15 		

e the scenario to identifying population	and samplings.	Answer
) Before a nation wide election, a polling place was trying to see who would wint Which choice best represents a population? A. A selection of voters over age 50. B. A selection of votes from one part of the nation. C. All voters. D. A selection of voters from all over the nation. 		1. 2. 3. 4. 5. 6.
 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. 205 boys age 7 - 15 C. 237 rich kids. D. 266 boys and girls in the toy store 	 4) 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 from age 5 - 12 who bought the album. B. A selection of 7,372 people who bought the album. C. Every person who bought the album. D. 268 girls who bought the album. 	
 5) A gaming website wanted to find out which console its visitors owned. Which choice best represents a sample A. Visitors to the PS4 section. B. Visitors who are on the website for more than 5 minutes. C. Visitors over 21. D. All of the website visitors. 	Which choice best represents a	

	Identifying Population	ns ar	nd Samples Name: Answe	r Ke	y
Use	the scenario to identifying populations and s		• • • • • • • • • • • • • • • • • • •	П.	swers
1)	 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 over age 50. B. A selection of votes from one part of the nation. C. All voters. D. A selection of voters from all over the nation. 	2)	 A school principal wants to see which subject the {717} students in his school liked best. Which choice best represents a population? A. All the students in the school. B. The students making a B in math. C. The first 64 students who come into the school. D. The girls in the school. 	1.	C A A B B B B
3)	 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. 205 boys age 7 - 15 C. 237 rich kids. D. 266 boys and girls in the toy store. 	4)	 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 from age 5 - 12 who bought the album. B. A selection of 7,372 people who bought the album. C. Every person who bought the album. D. 268 girls who bought the album. 		
5)	 A gaming website wanted to find out which console its visitors owned. Which choice best represents a sample? A. Visitors to the PS4 section. B. Visitors who are on the website for more than 5 minutes. C. Visitors over 21. D. All of the website visitors. 	6)	 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. A selection of people from each city in the state. B. Every person in the state. C. Every person who sent in a complaint about pollution. D. A selection of people who live in small towns. 		
	Math www.CommonCoreSheets.com	n	7	7 50 33	3 17 0

se the scenario to identifying population		Answers
 A gaming website wanted to find out which console its visitors owned. Which choice best represents a samp A. Visitors to the PS4 section. B. Visitors with an 'e' in their user name. C. All of the website visitors. D. Visitors over 25. 	 2) A toy store owner tracking how much kids spend each month on toys. e? Which choice best represents a population? A. 277 boys and girls in the toy store. B. 215 boys age 7 - 15 C. All of the kids who buy toys. D. 239 rich kids. 	1. 2. 3. 4. 5. 6.
 A mayor wanted to see if the people is his town thought he was doing a good job. Which choice best represents a samp A. The residents of the town. B. 1,000 unemployed voters. C. Local business owners. D. 192 voters. 	how the customer experience was in a store.	
 5) A musician wanted to see what peopl who bought his last album thought about the songs. Which choice best represents a population? A. A selection of 5,468 people who bought the album. B. Every person who bought the album. C. 300 girls who bought the album. D. A selection of people who didn't want to buy the album. 	 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 in the state. B. A selection of people who live in dirty neighborhoods. C. A selection of people from each city in the state. D. A selection of people who live in small towns. 	

Identifying Populations and Samples

Name:

Π

	Identifying Populations and SamplesName:Answer	Key
Use	e the scenario to identifying populations and samplings.	Answers
1)	 A gaming website wanted to find out which console its visitors owned. Which choice best represents a sample? A. Visitors to the PS4 section. B. Visitors with an 'e' in their user name. C. All of the website visitors. D. Visitors over 25. 2) A toy store owner tracking how much kids spend each month on toys. Which choice best represents a population? A. 277 boys and girls in the toy store. B. 215 boys age 7 - 15 C. All of the website visitors. D. Visitors over 25. C. All of the kids who buy toys. D. 239 rich kids. 	1. <u>B</u> 2. <u>C</u> 3. <u>D</u> 4. <u>A</u> 5. <u>B</u> 6. <u>C</u>
3)	 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. 1,000 unemployed voters. C. Local business owners. D. 192 voters. 4) A restaurant chain wanted to find out how the customer experience was in a store. Which choice best represents a sample? A. The residents of the town. B. 1,000 unemployed voters. C. Local business owners. D. 192 voters. 4) A restaurant chain wanted to find out how the customer experience was in a store. Which choice best represents a sample? A. Every 25 customer. B. All of the people who ate at the store. C. 206 customers who spent more than \$11. D. 229 customers who filled out complaint cards. 	
5)	 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 5,468 people who bought the album. B. Every person who bought the album. C. 300 girls who bought the album. D. A selection of people who didn't want to buy the album. 6) A survey company was trying to see if people in a state thought the pollution was too high. 6) A survey company was trying to see if people in a state thought the pollution was too high. 6) A survey company was trying to see if people in a state thought the pollution was too high. 6) A survey company was trying to see if people in a state thought the pollution was too high. 6) A survey company was trying to see if people in a state thought the pollution was too high. 6) A survey company was trying to see if people in a state thought the pollution was too high. 6) A survey company was trying to see if people in a state thought the pollution was too high. 6) A survey company was trying to see if people in a state thought the pollution was too high. 7) A selection of 5,468 people who bought the album. 6) A survey company was trying to see if people in a state thought the pollution was too high. 8) Every person in the state. 9) A selection of people who didn't want to buy the album. 6) A selection of people who didn't want to buy the album. 	

e the scenario to identifying populations and	l samplings.	Answers
 Before a nation wide election, a polling place was trying to see who would win. Which choice best represents a population? A. All voters. B. A selection of voters over age 50. C. A selection of male voters. D. A selection of voters from all over the nation. 	 2) 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. 297 voters. B. 232 voters age 21 to 30. C. The residents of the town. D. The people who voted for the mayor. 	1. 2. 3. 4. 5. 6.
 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. A selection of 3,227 people who bought the album. D. 219 girls who bought the album. 	 4) 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. A selection of people who live in dirty neighborhoods. D. Every person in the state. 	
 ⁶⁾ A restaurant chain wanted to find out how the customer experience was in a store. Which choice best represents a sample? A. Every 23 customer. B. All of the people who ate at the store. C. 200 customers who filled out complaint cards. D. 218 customers who spent more than \$12. 	 6) A school principal wants to see which subject the {616} students in his school liked best. Which choice best represents a population? A. All the students in the school. B. The students making a B in math. C. The girls in the school. D. The first 89 students who come into the school. 	

C

	Identifying Population	ns ar	nd Samples Name: Answer	·Key
Use	the scenario to identifying populations and s			Answers
1)	 Before a nation wide election, a polling place was trying to see who would win. Which choice best represents a population? A. All voters. B. A selection of voters over age 50. C. A selection of male voters. D. A selection of voters from all over the nation. 	2)	 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. 297 voters. B. 232 voters age 21 to 30. C. The residents of the town. D. The people who voted for the mayor. 	$ \begin{array}{c} 1. \\ A \\ 2. \\ C \\ 3. \\ C \\ 4. \\ A \\ 5. \\ A \\ 6. \\ A \\ \end{array} $
3)	 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. A selection of 3,227 people who bought the album. D. 219 girls who bought the album. 	4)	 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. A selection of people who live in dirty neighborhoods. D. Every person in the state. 	
5)	 A restaurant chain wanted to find out how the customer experience was in a store. Which choice best represents a sample? A. Every 23 customer. B. All of the people who ate at the store. C. 200 customers who filled out complaint cards. D. 218 customers who spent more than \$12. 	6)	 A school principal wants to see which subject the {616} students in his school liked best. Which choice best represents a population? A. All the students in the school. B. The students making a B in math. C. The girls in the school. D. The first 89 students who come into the school. 	
	Math www.CommonCoreSheets.com	n	9	50 33 17 0

Identifying Populations and Samples Name: Use the scenario to identifying populations and samplings. 1) A beverage company wanted to see if 2) A mayor wanted to see if the people in people in the United States liked their his town thought he was doing a good new logo.

Which choice **best** represents a population?

- A. A selection of shoppers from different states.
- B. 128 male and female employees
- C. A selection of logo artists.
- D. Every person in the United States.
- 3) A school principal wants to see which subject the {722} students in his school liked best.

Which choice **best** represents a sample?

- A. The students making a B in math.
- B. The students in 3rd grade.
- C. 1 classroom for each grade.
- D. All the students in the school.

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.

job.

Which choice **best** represents a sample?

- A. 293 voters.
- B. The residents of the town.
- C. The people who voted for the mayor.
- D. 488 voters age 21 to 30.

- Answers 1. 2. 3. 5. 6.
- 4) A restaurant chain wanted to find out how the customer experience was in a store.

Which choice **best** represents a population?

- A. 295 customers who spent more than \$13.
- B. All of the people who ate at the store.
- C. 251 customers who filled out complaint cards.
- D. Every 24 customer.
- 6) 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. A selection of people from each city in the state.
- B. A selection of people who live in small towns.
- C. Every person who owns more than 3 cars.
- D. Every person in the state.

	Identifying Population	ns ar	nd Samples Name: Answe	r Ke	У
Use the scenario to identifying populations and samplings.					
1)	 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. 128 male and female employees C. A selection of logo artists. D. Every person in the United States. 	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. 293 voters. B. The residents of the town. C. The people who voted for the mayor. D. 488 voters age 21 to 30. 	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	D A C B A D
3)	 A school principal wants to see which subject the {722} students in his school liked best. Which choice best represents a sample? A. The students making a B in math. B. The students in 3rd grade. C. 1 classroom for each grade. D. All the students in the school. 	4)	 A restaurant chain wanted to find out how the customer experience was in a store. Which choice best represents a population? A. 295 customers who spent more than \$13. B. All of the people who ate at the store. C. 251 customers who filled out complaint cards. D. Every 24 customer. 		
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 survey company was trying to see if people in a state thought the pollution was too high. Which choice best represents a population? A. A selection of people from each city in the state. B. A selection of people who live in small towns. C. Every person who owns more than 3 cars. D. Every person in the state. 		