

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
 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.



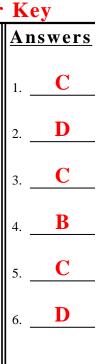
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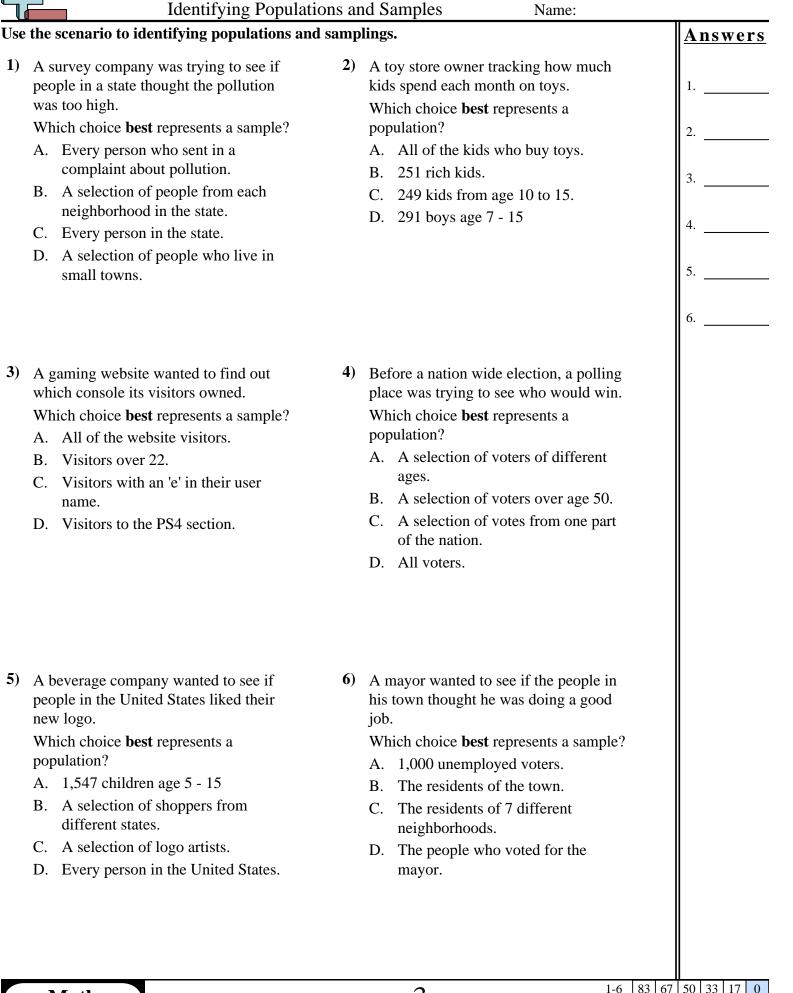
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 A mayor wanted to see if the people in his town thought he was doing a good job. Which choice best represents a sample? A. The residents of the town. B. The people who voted for the mayor. C. 1,000 unemployed voters. D. The residents of 6 different 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. 2. 3. 4. 5. 6.
 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. 	
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Math

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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. 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 p his town thought he was doing job. Which choice best represents a A. 1,000 unemployed voters. B. The residents of the town. C. The residents of 7 different neighborhoods. D. The people who voted for mayor. 	a good 1 sample? .t
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Identifying Populations and Samples Name: Answers 1) A musician wanted to see what people 2) A survey company was trying to see if people in a state thought the pollution who bought his last album thought 1. about the songs. was too high. Which choice **best** represents a Which choice **best** represents a sample? 2. population? A. Every person who bought the album. A. A selection of people from each 3. city in the state. B. 294 girls who bought the album. C. A selection of 2,995 people who B. Every person in the state. bought the album. C. A selection of people who live in small towns. D. Every person from age 5 - 12 who

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- 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?

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3) A gaming website wanted to find out

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Which choice **best** represents a

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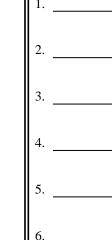
B. Visitors to the PS4 section.

more than 5 minutes. D. All of the website visitors.

C. Visitors who are on the website for

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.



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Use the scenario to identifying populations and samplings.

 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.

- Answers
 1.
 2.
 3.
 4.
 5.
 6.
- 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.
- 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

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C. Every person in the state.

Math

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

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 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 	
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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. 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. 	

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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.
- 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.

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?

Name:

- 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.

 4.

 5.

 6.
- 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 Key	
Use the scenario to identifying populations and samplings.					
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