

Sample #1

○ A newspaper randomly chooses 100 names from its subscriber database and then surveys those subscribers to find if they read the restaurant reviews.

Population:

Sample:

Type of sample:

Valid? Yes No

Explain:

Sample #2

○ A town official surveys 50 people in a library to decide if town residents want the library expanded.

Population:

Sample:

Type of sample:

Valid? Yes No

Explain:

Sample #3

○ Mall management wants to determine what stores in the mall are visited the most frequently. Every 5th person leaving the mall, from opening to closing is asked what stores they visited.

Population:

Sample:

Type of sample:

Valid? Yes No

Explain:

Sample #4

○ George surveys 15 students on the soccer team to learn whether middle school students want more money spent on school sports.

Population:

Sample:

Type of sample:

Valid? Yes No

Explain:

Sample #5

○ ABC Family is a television channel that targets families and young adults to view their station. ABC Family regularly posts online poll questions to their website. In 2010, ABC Family polled their viewers to ask about airing Rated "R" movies after 8pm on their channel. Almost 200,000 people responded, and 85% of them disagreed with airing Rated "R" movies.

Population:

Sample:

Type of sample:

Valid? Yes No

Explain:

Sample #6

○ Mrs. Jones wants to know how the 5th grade feels about recess time. Mrs. Jones labels every student in the 5th grade with a number. She then draws 50 numbers out of a hat and surveys these students.

Population:

Sample:

Type of sample:

Valid? Yes No

Explain:

Sample #7

○ To evaluate the quality of their product, a manufacturer of cell phones checks every 50th phone off the assembly line.

Population:

Sample:

Type of sample:

Valid? Yes No

Explain:

Sample #8

○ A magazine wants to determine their readers' favorite television actor. They ask their readers to complete and return a questionnaire with their choice.

Population:

Sample:

Type of sample:

Valid? Yes No

Explain: