

A superintendent wants to learn the lunch preferences of all K-12 students so he surveys all the students enrolled in 3rd grade.



Teachers want to learn how much time middle school students spend streaming video so they survey every 10th student exiting the school through the front door at the end of the day.



The Community Council surveys all students at the local middle school campus to learn the opinions of all families in the community about available community services.



A surveyor asks questions of all the people shopping inside one store to learn about the purchasing habits of all shoppers at the mall.



The marketing director surveys every 5th person in each checkout line to determine the most popular type of chips among shoppers at one grocery store.



To learn how often community families use the local parks and playgrounds, a surveyor calls every 15th name in the local phone book.



A writer uses a computer program to count the words on every 5th page in his latest novel to determine the average number of words per page in the novel.

Word Count	
Current selection	
Words:	72
Characters:	376
Whole document	
Words:	292
Characters:	1540
<input type="button" value="OK"/> <input type="button" value="Help"/>	

A restaurant asks its patrons to complete an optional online survey after dining and receive a coupon for the next visit.



To find the average age of moviegoers at a local theater, the manager surveys every 5th person entering the building about his/her age.



A local gym owner wants to know how often his customers visit and how long they work out each visit so he surveys all the customers walking on the treadmills.



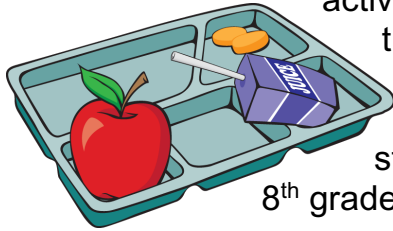


A local rock radio station wants to know the most popular type of music so they ask listeners to call in to tell them.

To determine how workers get to their job, an employer uses an alphabetical list of employees and calls every 3rd person to find out how they get to and from the office.



To learn about the favorite extracurricular activities of 8th graders, the counselors survey 50 randomly selected students during the 8th grade lunch period.



To learn about the needs of bus riders, the bus company asks the opinion of the first 5 riders who get on each bus for the day.



To find out how much money the average person spends at the mall, a surveyor is posted at every exit for the day, and each surveyor asks every 5th person leaving the mall how much they spent that day.

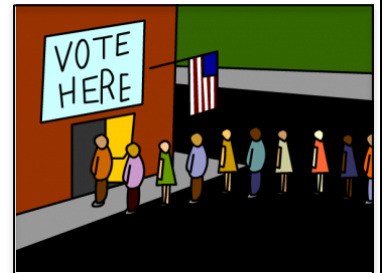


To find out how long students in her class spend studying each night, Mrs. Jones puts each student's name on a popsicle stick. She draws 10 random sticks and asks students to report how much time they spent studying during the week.



To learn about their customers buying habits, advertising specialists at a magazine call a sample of 100 of their 1,000 subscribers using a random number generator to conduct a poll.

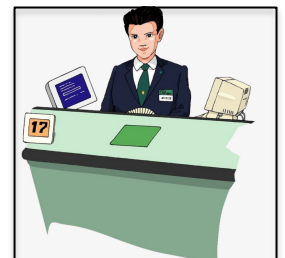
To predict the outcome in a state election, surveyors ask every 5th person in line at one voting location who they plan to vote for in the election.



The school librarian wants to learn about students' preferred genres so she puts the names of all students in the school into a box, draws about 100 names, and surveys those students about their reading choices.


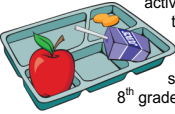




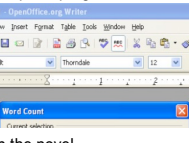





Throughout the day tellers at a bank ask random customers to complete a short survey about their satisfaction with their banking services in order to determine average customer satisfaction at the bank.








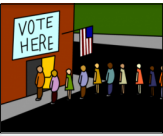



Suggested Key

REPRESENTATIVE SAMPLES

<p>To learn how often community families use the local parks and playgrounds, a surveyor calls every 15th name in the local phone book.</p> 	<p>To learn about the favorite extracurricular activities of 8th graders, the counselors survey 50 randomly selected students during the 8th grade lunch period.</p> 
<p>To determine how workers get to their job, an employer uses an alphabetical list of employees and calls every 3rd person to find out how they get to and from the office.</p> 	<p>To find out how much money the average person spends at the mall, a surveyor is posted at every exit for the day, and each surveyor asks every 5th person leaving the mall how much they spent that day.</p> 
<p>The marketing director surveys every 5th person in each checkout line to determine the most popular type of chips among shoppers at one grocery store.</p> 	<p>To learn about their customers buying habits, advertising specialists at a magazine call a sample of 100 of their 1,000 subscribers using a random number generator to conduct a poll.</p> 
<p>A writer uses a computer program to count the words on every 5th page in his latest novel to determine the average number of words per page in the novel.</p> 	<p>The school librarian wants to learn about students' preferred genres so she puts the names of all students in the school into a box, draws about 100 names, and surveys those students about their reading choices.</p> 
<p>To find the average age of moviegoers at a local theater, the manager surveys every 5th person entering the building about his/her age.</p> 	<p>To find out how long students in her class spend studying each night, Mrs. Jones puts each student's name on a popsicle stick. She draws 10 random sticks and asks students to report how much time they spent studying during the week.</p> 

BIASED SAMPLES

<p>A local rock radio station wants to know the most popular type of music so they ask listeners to call in to tell them.</p> 	<p>A restaurant asks its patrons to complete an optional online survey after dining and receive a coupon for the next visit.</p> 
<p>A superintendent wants to learn the lunch preferences of all K-12 students so he surveys all the students enrolled in 3rd grade.</p> 	<p>To learn about the needs of bus riders, the bus company asks the opinion of the first 5 riders who get on each bus for the day.</p> 
<p>The Community Council surveys all students at the local middle school campus to learn the opinions of all families in the community about available community services.</p> 	<p>A local gym owner wants to know how often his customers visit and how long they work out each visit so he surveys all the customers walking on the treadmills.</p> 
<p>Teachers want to learn how much time middle school students spend streaming video so they survey every 10th student exiting the school through the front door at the end of the day.</p> 	<p>To predict the outcome in a state election, surveyors ask every 5th person in line at one voting location who they plan to vote for in the election.</p> 
<p>A surveyor asks questions of all the people shopping inside one store to learn about the purchasing habits of all shoppers at the mall.</p> 	<p>Throughout the day tellers at a bank ask random customers to complete a short survey about their satisfaction with their banking services in order to determine average customer satisfaction at the bank.</p> 