



If you were to randomly select 100 telephone numbers from a page in the telephone book, how many of these numbers would have a last digit of 5, as in the phone number 471-8905?

Obtain a phone book and choose a page from it. Start with any number on that page and keep track of the last digit of the next 100 telephone numbers. Record your results on a table similar to the one shown below:

Last Digit	Tally	Total
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		

Draw a bar graph of the information. Use a format similar to the one shown below:



When your class is learning about probability and statistics, arrange for a time to present your findings. Prior to your presentation, enlarge your table and bar graph and make copies for your classmates. This will enable students to more easily see your results. If time allows, have four groups or individuals repeat your experiment, using different pages from the phone book. Compare their results with yours.