Exploring the first digit

1.	How many numbers between 1 and 100 start with a "1"?
2.	How many numbers between 1 and 1,000 start with a "1"?
3.	How many numbers between 1 and 10,000 start with a "1"?
4.	How many numbers between 1 and 100 start with a "2"?
5.	How many numbers between 1 and 1,000 start with a "2"?
6.	How many numbers between 1 and 10,000 start with a "2"?
7.	How many numbers between 1 and 100 start with a "3"?
8.	Roughly, what proportion of the numbers start with each of the digits 1,,9?