To Toss or To Simulate?
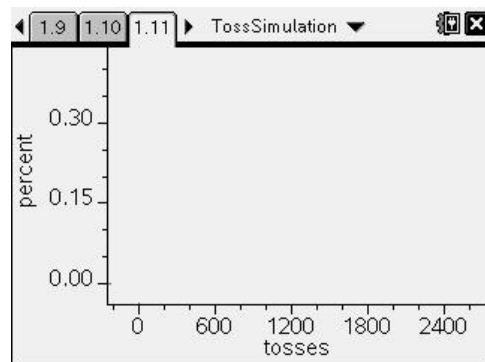*TossSimulation.tns*

Name _____

Class _____

Problem 1 – Tossing a coin

Record the information, if needed, from page 1.9 here.

Tosses	Heads	Percent	Generator = RandInt(0,1, number of tosses)
5			
10			
20			
30			
40			
50			
75			
100			
200			
300			
400			
500			
1000			
1500			
2000			
2500			

Sketch your connect scatter plot of percent versus tosses.

What can you conclude about the percent of getting heads as the number of trials increases?

To Toss or To Simulate?

Problem 2 – Rolling a die

Tosses	Heads	Percent**	Generator = RandInt(1,6, number of tosses)
5			
10			
20			
30			
40			
50			
75			
100			
200			
300			
400			
500			
1000			
1500			
2000			
2500			

** To calculate the percent, in the gray box of Column D, type **=c[ ]/b[ ]**.

Sketch your connect scatter plot of percent versus tosses.

What can you conclude about the percent of rolling a 6 as the number of trials increases?