## Generating a List of Random Numbers

## Excel

To generate a list of random numbers using Excel, you will open an Excel worksheet, click on **Formulas** at the top of the screen and select **Insert Function**. In the "**Or select a category**" field, click on **All** and scroll down to find **RANDBETWEEN** and click on OK.

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File Home Insert	Page Layout Formulas Data Review View	
fx AutoSum -	Insert Function	$\left  \right\rangle \\ \leqslant$
Function b Financial -	Search for a function:	0
	Type a brief description of what you want to do and then click Go	
WIEDIAN +	Or select a gategory: All	_
A B		
1 =	Select a function:	
2	RADIANS	
3		
1	RANK	
4 5	RANK.AVG	
5	RANK.EQ	
6	B &NDRETWEEN(bottom top)	
7	Returns a random number between the numbers you specify	
8	Kotarna a random namber between the nambera yea speciny.	
9		
10		
11		
11	Help on this function OK Cancel	
12		
13		

The following screen will appear. Fill in the Bottom and Top numbers. I filled in the chart to start with the number 1 and to stop at 300.

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		Function Are	guments		? 🔀	
RANDBETW	RANDBETWEEN					
А	В	Bottom 1		<b>E</b> = 1		
l(1,300)		<b>Top</b> 30	0	<b>E</b> = 300		
		<ul> <li>Volatile</li> <li>Returns a random number between the numbers you specify.</li> <li>Top is the largest integer RANDBETWEEN</li> </ul>				
		Formula result =	= Volatile			
		Help on this fun	<u>iction</u>	ОК	Cancel	

It returned a number of 231 when I said okay. This number will be different for everyone. If you want to return more than one number, copy the cell the number appeared in on the Excel spreadsheet and copy it to the number of cells you are looking for random numbers. I copied the formula to ten cells and it returned the following:

	А	В
1	86	
2	132	
3	221	
4	107	
5	41	
6	293	
7	205	
8	88	
9	6	
10	145	
11		

Again, everyone's list would be different since it is a "random" list of numbers.