Math 2		Nai	me:	Period:	
Module 0, Day 6				Period:	
Use a graphing cal	Graphing Calcula culator to answer the following	tor Investigation Pa	art I		
	-				
<u>1. Order of Opera</u>			2	() ?	
	matter? Compute the following				
b) Why are these di	ifferent?				
	$\frac{50}{5} = \frac{150}{5} = 3$ How do you put	-	lculator so that	the value is 3? What	
-	do?				
<u>2. Exponents</u>	to make an exponer	t. Compute the follo	wing in the cal	aulator:	
Ose the key			wing in the ca		
	$7^9 =$	$3^2 + 5^4 =$			
	Cube Roots, and Higher Roots				
Use the key(s)					
$\sqrt[3]{27} =$	$\sqrt[3]{64} =$	$\sqrt[5]{-32} =$	$\sqrt[5]{2}$	$\sqrt[5]{243} =$	
4. Simplify Fraction	ons				
Enter 120÷180. Y	ou should get 0.66666666667. T	o change the decima	l back to a frac	ction, use the keys(s):	
Write both the decimal and simplified fraction:		$\frac{91}{175} =$		$\frac{3}{8} + \frac{2}{3} =$	
5. Graphing Func	<u>tions</u>				
Use the key(s)		to ente	er an equation (that you will graph.	
a) Enter $y_1 = 3x +$	2 into the calculator. Where ar	e the variables locate	ed on the calcu	lator?	
Sketch a graph of t	he line on the axes provided. Y	ou may have to put y	our calculator	's graphing window	
in "standard" view.	. Select these keys to get a stand	dard window:			
b) Enter $y = 2^x$ int	to the calculator, then sketch the	e graph.		•	
c) How many point	ts of intersection are there?				
How do you know?					
6. Clear/Reset the	Calculator: Select the keys:				