Name	key	Date	Hour
<u>Note</u> Alg 2	es 9.1-9.2 – Exponential Regression Trig G	on the Calculator	
Directio 1. 2.	Find and click the STAT button Make sure the EDIT COLUMN is highlighted and hit	ER	
3.	You will see something that says L1, L2, L3 and so on (YOU WILL ONLY USE L1 and L2 FOR NOW!). The L1 column is for all of the X values you are given, and L2 is for the Y values. You must hit after every value you put in *Be sure that whatever coordinates you are given, match in the calculator.		
	Example: (0,2) (1,6) (2,18) X Y 0 2 1 6 2 18		
4.	Hit 2nd MODE This will QUIT the screen.		
5.	Hit stat again and scroll over with the arrow key to t and highlight <b>O: ExpReg</b> Hit ENTER twice!	the CALC COLUMN and scroll DO	<b>WN</b> with the arrow key
You will	be given an <b>a-value</b> and a <b>b-value</b> . Put them into your ex	xponential equation and you're o	done! $\sqrt{=2(3)}$

After graphing the points, write the equation of an exponential function that passes through the given points.

1) 
$$\left(-1,\frac{1}{2}\right),(0,1),(1,2),(2,4)$$

4

 $\gamma = 1 \cdot (2)^{\times}$ 



$$_{2}\left(0,\frac{1}{5}\right),(2,5)$$
 growh b>l  
 $y=.\lambda(5)^{X}$ 

$$_{3)}(0,3),(2,\frac{3}{4})$$
  
 $y = 3(.5)^{*}$