Name:	Date:		
Find an equation from a Table	Integrated Algebra		
Writing equations of lines from TABLES			
Step 1: identify "m" or			
• $\frac{rise}{run}$ or $\frac{\Delta y}{\Delta x}$ or $\frac{y_2 - y_1}{x_2 - x_1}$			
What is the direction of line?			
Step 2: identify "b" or			
• You can find "b" where equals	_		
Step 3: use $y = mx + b$ , (general form for equation of a line) to create a rule			
#1) Use the steps from above to come create an equation your work.	on of the line. Make sure to show all of		
Step 1:	х у		
Step 2:	0 5		
Step 3:	2 9		
	3 11		
#2) Use the steps from above to come create an equation of the line. Make sure to show all of your work.			
Step 1:	х у		
Step 2:	-6 -3 -3 -6		
Step 3:	0 -9		
	3 -12		
#3) Use the steps from above to come create an equation of the line. Make sure to show all of your work.			
Step 1:	х у		
Step 2:	$\begin{array}{c cccc} -2 & 1 \\ \hline 0 & 2 \end{array}$		
Step 3:	2 2		

2 4

#4) Use the steps from above to come create an equatyour work.	tion of the	line. Mak	ke sure to show all of
	X	У	
Step 1:	0	4	
Step 2:	1	6	
Step 3:	2	8	
	3	10	
	3	10	
#5) Use the steps from above to come create an equal your work.  Step 1: Step 2: Step 3:	x 1 2 3 4	y 12 9 6 3	ke sure to show all of
#6) Use the steps from above to come create an equal your work.  Step 1: Step 2: Step 3:	x 4 8 12 16	y 14 10 6 2	ke sure to show all of
#7) Use the steps from above to come create an equatyour work.	tion of the	line. Mak	ke sure to show all of
	X	y	
Step 1:	-4	2	
Step 2:	-3	3	
Step 3:	-2	4	
_	-1	5	
#8) Use the steps from above to come create an equation of the line. Make sure to show all of			
your work.	<u> </u>		1
	X	У	
Step 1:	-5	10	
Step 2:	-10	20	
Step 3:	-15	30	
	-20	40	