

Writing an equation of a line from a table...

Given Information	Find slope	Find b $y = mx + b$ OR Use $y - y_1 = m(x - x_1)$	Write equation in slope-intercept form $y = mx + b$										
<table><tr><td>x</td><td>y</td></tr><tr><td>-1</td><td>3</td></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>0</td></tr><tr><td>3</td><td>-1</td></tr></table>	x	y	-1	3	1	1	2	0	3	-1			
x	y												
-1	3												
1	1												
2	0												
3	-1												
<table><tr><td>x</td><td>y</td></tr><tr><td>2</td><td>4</td></tr><tr><td>4</td><td>5</td></tr><tr><td>6</td><td>6</td></tr><tr><td>8</td><td>7</td></tr></table>	x	y	2	4	4	5	6	6	8	7			
x	y												
2	4												
4	5												
6	6												
8	7												

Writing an equation of a line from two ordered pairs...

Given Information	Find slope $m = \frac{y_2 - y_1}{x_2 - x_1}$ Use two ordered pairs (x_1, y_1) (x_1, y_2)	Find the y-intercept Use $y = mx + b$ OR Use $y - y_1 = m(x - x_1)$ Use the slope and an ordered pair	Write equation in slope-intercept form $y = mx + b$
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