

1.3 Graphing a Function

$y = -2x + 1$?

Step 1: Make a table

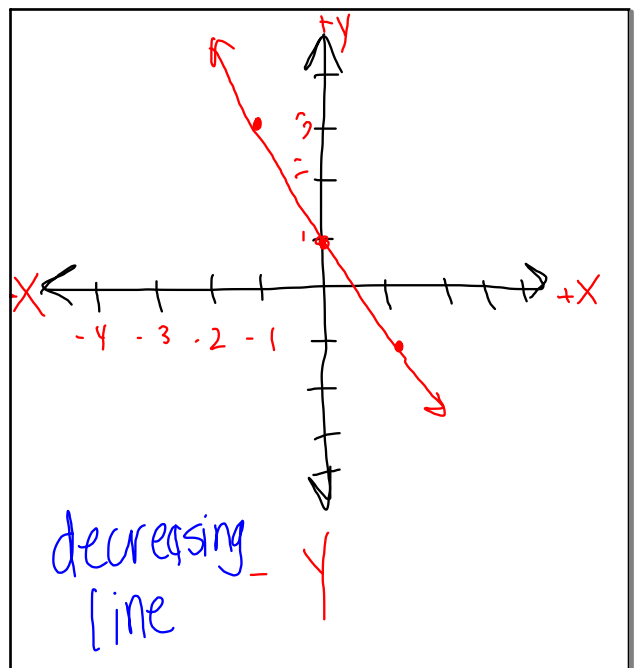
Step 2: graph the points

Jun 2-8:48 AM

Jun 2-8:50 AM

X	WORK	Y
-1	$-2(-1) + 1$ $2 + 1$	3
0	$-2(0) + 1$ $0 + 1$	1
1	$-2(1) + 1$ $-2 + 1$	-1

Step 1 ↗
 (-1, 3) (0, 1)
 (1, -1)



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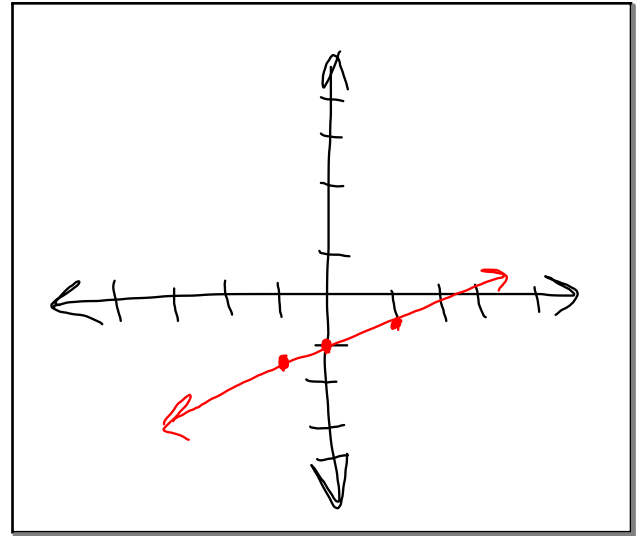
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of the function rule $y = \frac{1}{2}x - 1$

$y = 0.5x - 1$

X	WORK	Y
-1	$0.5(-1) - 1$ $-0.5 - 1$	-1.5
0	$0.5(0) - 1$ $0 - 1$	-1
1	$0.5(1) - 1$ $0.5 - 1$	-0.5

$(-1, -1.5)$ $(0, -1)$ $(1, -0.5)$



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Mar 30-11:18 AM