

# Investigation: The Equation of a Line in Slope Intercept Form

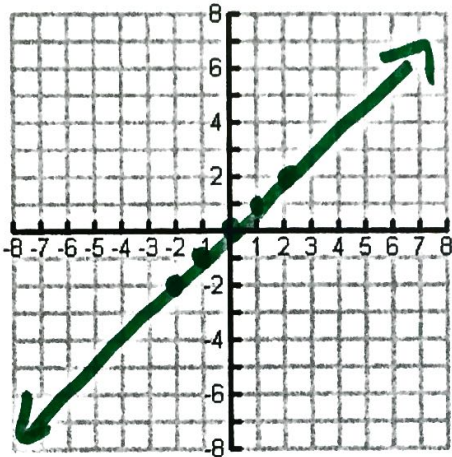
Name \_\_\_\_\_

For the problems below write the equation, make a table with 5 ordered pairs and graph the equation.

1)  $y = x$

$y = -x$

X	Y
-2	-2
-1	-1
0	0
1	1
2	2

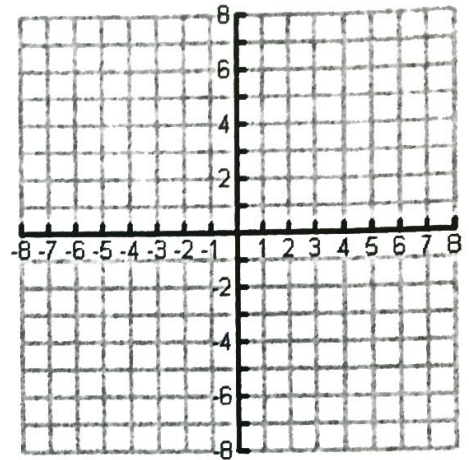


$y = x$

2)  $y = -x$

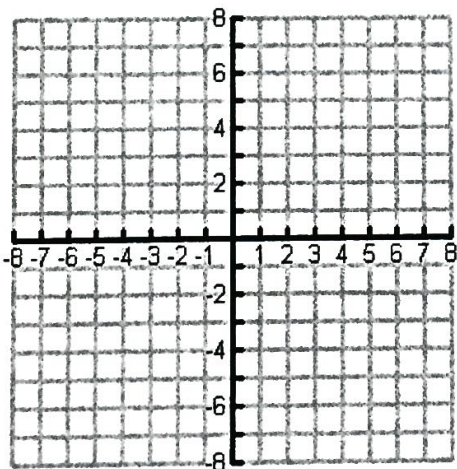
$y = -(-2)$

X	Y
-2	2
-1	
0	
1	
2	



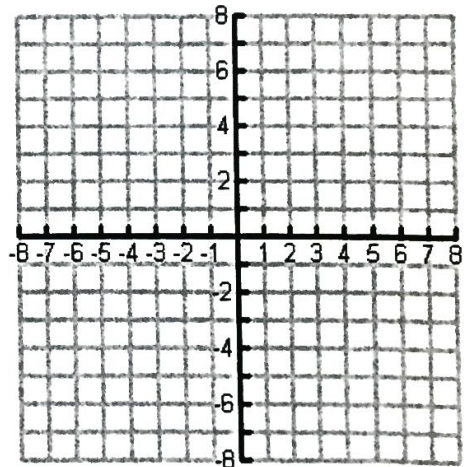
3)  $y = 2x$

X	Y
-3	
-1	
0	
1	
2	



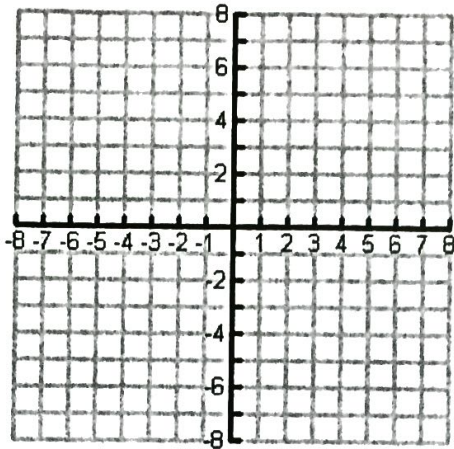
4)  $y = -2x$

X	Y



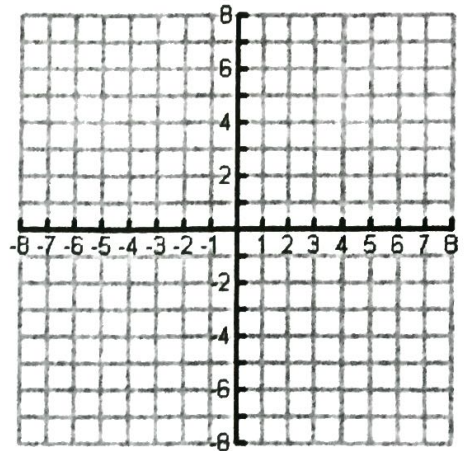
5)  $y = 2x + 3$

X	Y



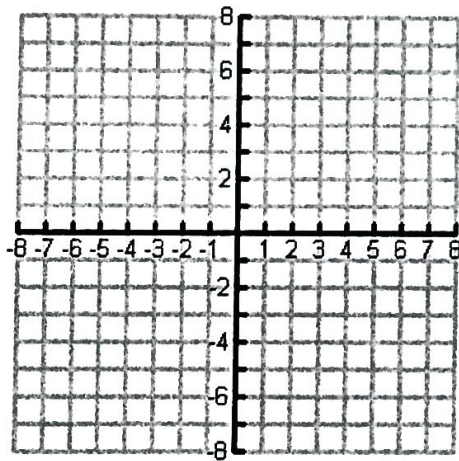
6)  $y = 2x - 4$

X	Y



7)  $y = -4x + 3$

X	Y



8)  $y = -2x - 1$

X	Y

