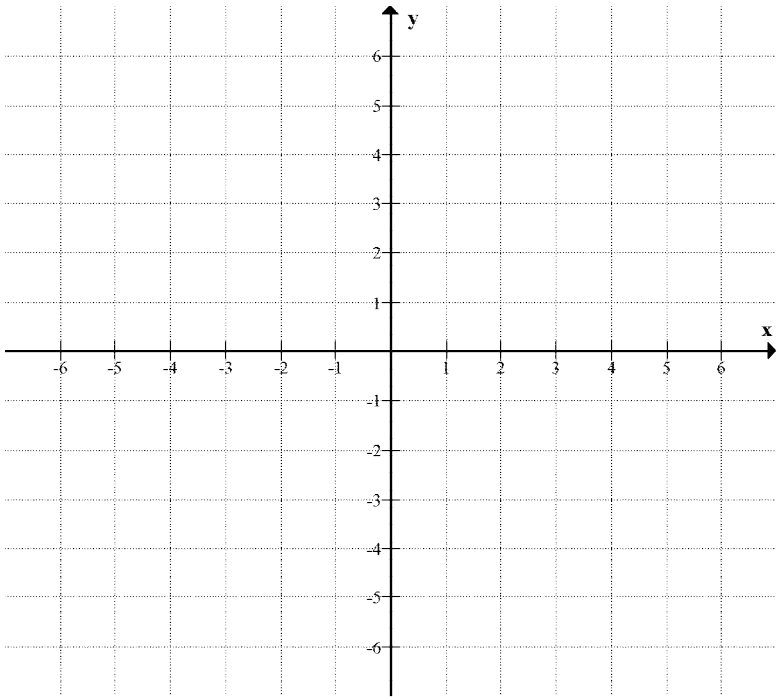
M8 - 9.1 - Plotting Points Graph WS

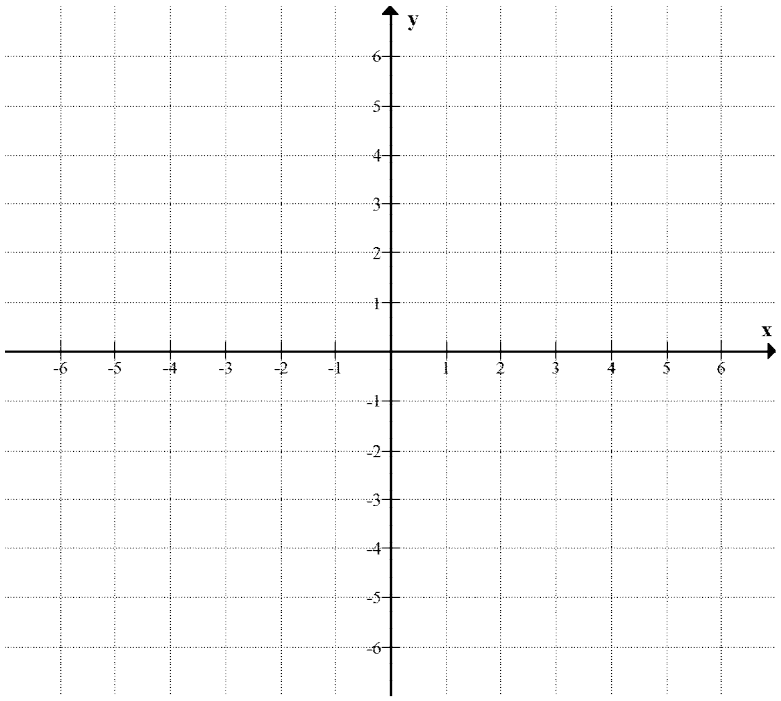
Plot the following points on the graph

(2,3)
(−4,3)
(2,1)
(6, −2)
(−2, −3)
(−5,4)
(−3,3)
(−6, −3)
(4, −4)
(1,1)
(0,3)
(1,0)
(0,0)
(−5,0)
(0, −6)



Graph the following points using a table of values.

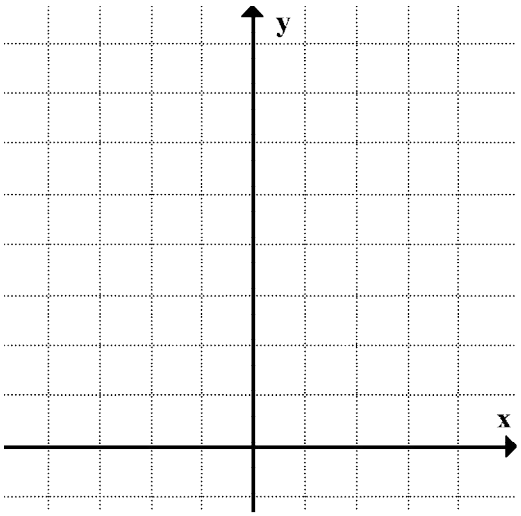
x	y
−5	5
−4	4
−3	3
−2	2
−1	1
0	0
1	−1
2	−2
3	−3
4	−4
5	−5



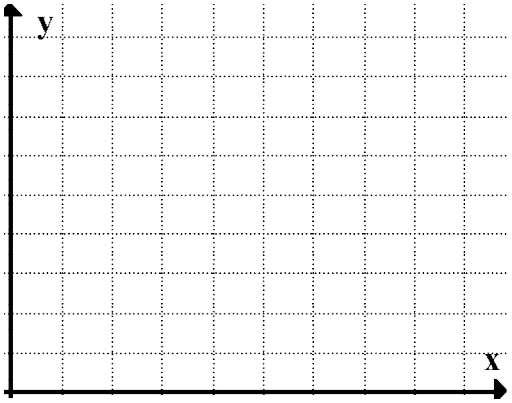
M8 - 9.1 - Plotting Points Graph WS

Graph the following line using a table of values.

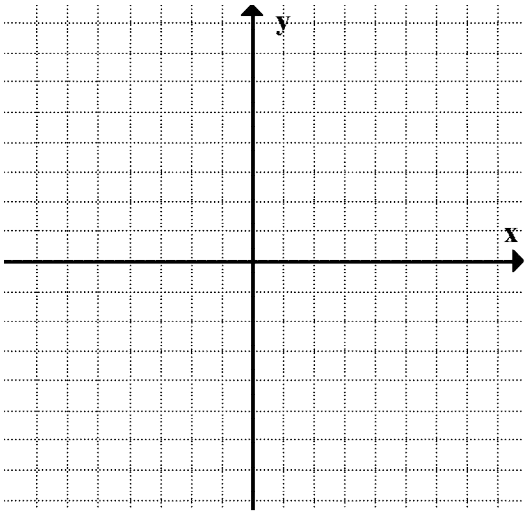
x	y
−3	9
−2	4
−1	1
0	0
1	1
2	4
3	9



x	y
0	0
1	1
4	2
9	3



x	y
−2	−8
−1	−1
0	0
1	1
2	8

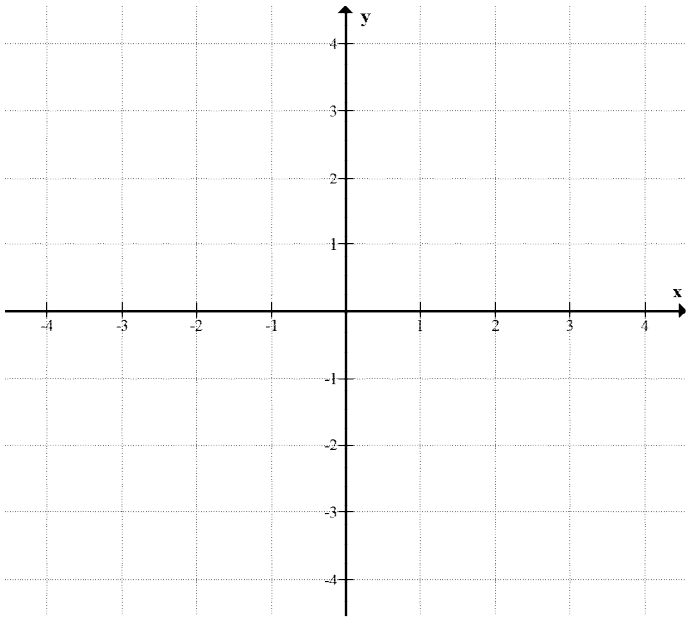


M8 - 9.2 - Graphing Equations TOV y=x,y=x+2 WS

Use a table of values to graph the following equation.

$y = x$

x	y
−2	
−1	
0	
1	
2	



$y = x$
$y = -2$

(−2,)

$y = x$
$y =$

(−1,)

$y = x$
$y =$

(0,)

$y = x$
$y =$

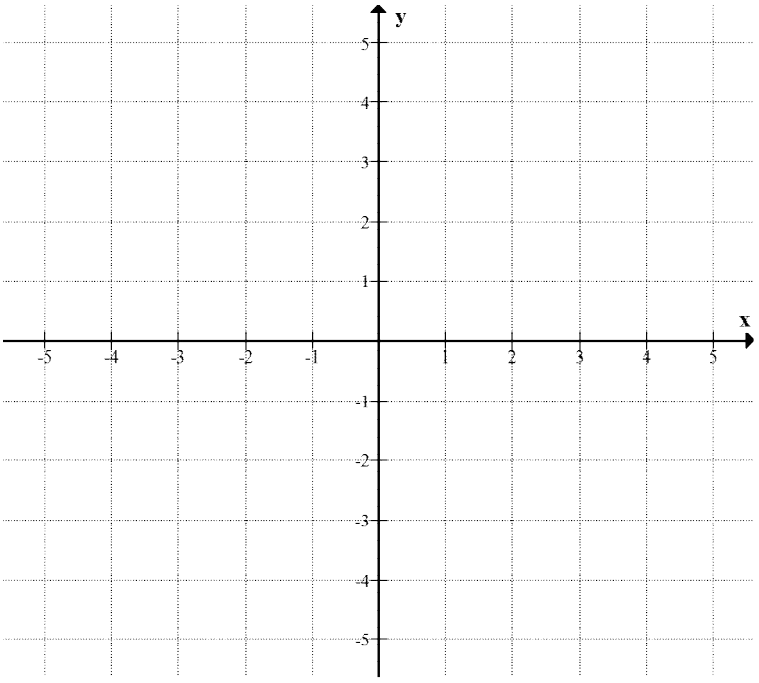
(1,)

$y = x$
$y =$

(2,)

$y = x + 2$

x	y
−2	
−1	
0	
1	
2	



$y = x + 2$
$y = -2 + 2$
$y = 0$

(−2,)

$y = x + 2$
$y =$

(−1,)

$y = x + 2$
$y =$

(0,)

$y = x + 2$
$y =$

(1,)

$y = x + 2$
$y =$

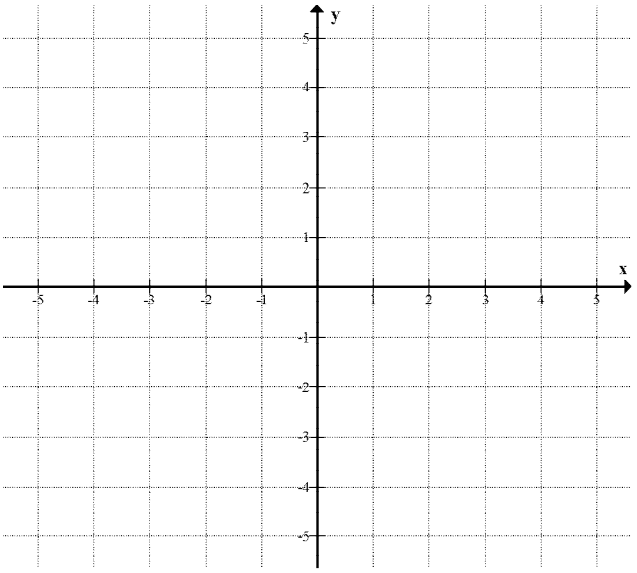
(2,)

M8 - 9.2 - Graphing Equations TOV $y = 2x, y = \frac{1}{2}x$ WS

Use a table of values to graph the following equation.

$y = 2x$

x	y
-2	
-1	
0	
1	
2	



$y = 2x$
$y = 2(-2)$
$y = -4$

$(-2, -4)$

$y = 2x$
$y =$

$(-1, \quad)$

$y = 2x$
$y =$

$(0, \quad)$

$y = 2x$
$y =$

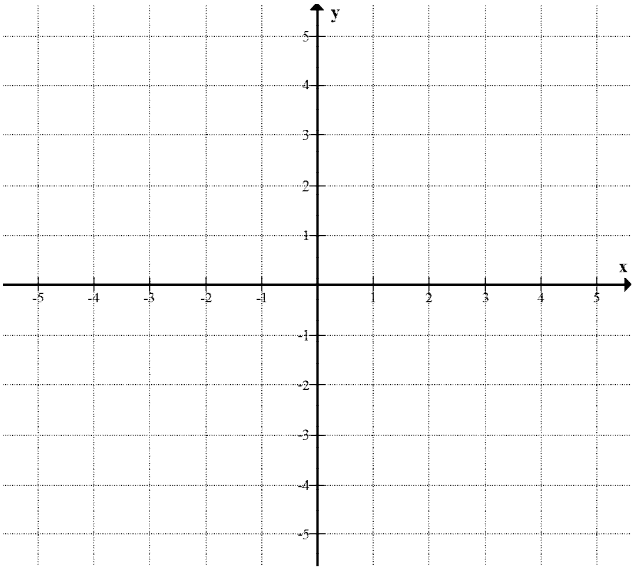
$(1, \quad)$

$y = 2x$
$y =$

$(2, \quad)$

$y = \frac{1}{2}x$

x	y
-4	
-2	
0	
2	
4	



$y = \frac{1}{2}x$
$y = \frac{1}{2}(-4)$
$y = -2$

$(-4, -2)$

$y = \frac{1}{2}x$
$y =$
$y =$

$(-2, \quad)$

$y = \frac{1}{2}x$
$y =$
$y =$

$(0, \quad)$

$y = \frac{1}{2}x$
$y =$
$y =$

$(2, \quad)$

$y = \frac{1}{2}x$
$y =$
$y =$

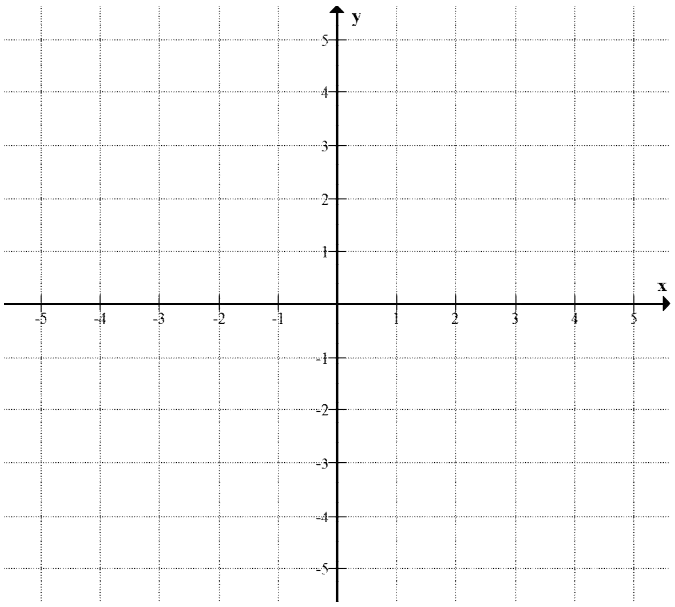
$(4, \quad)$

M8 - 9.2 - Graphing Equations TOV y=2x-1 WS

Use a table of values to graph the following equation.

x	y
-2	
-1	
0	
1	
2	

$y = 2x - 1$



$y = 2x - 1$
$y = 2(-2) - 1$
$y = -4 - 1$
$y = -5$

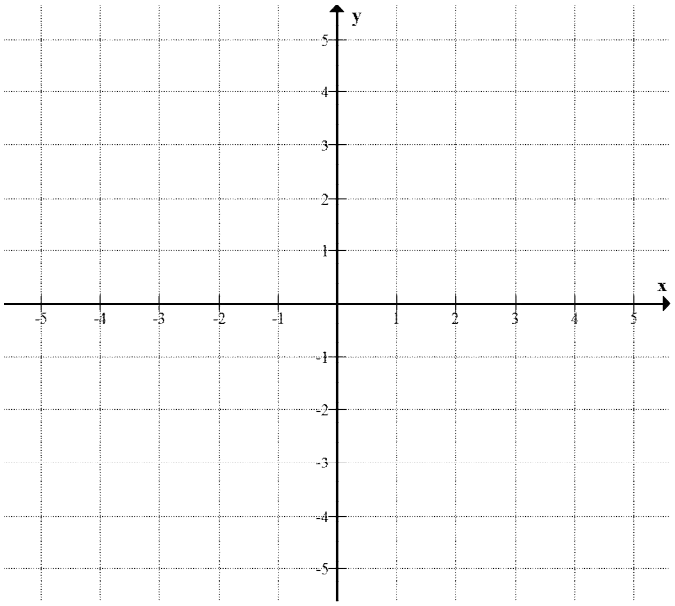
$(-2,\ \ )$

$y = 2x - 1$
$y = 2(\ \ ) - 1$
$y =$

$(-1,\ \ )$

x	y
-2	
-1	
0	
1	
2	

$y = 3x + 2$

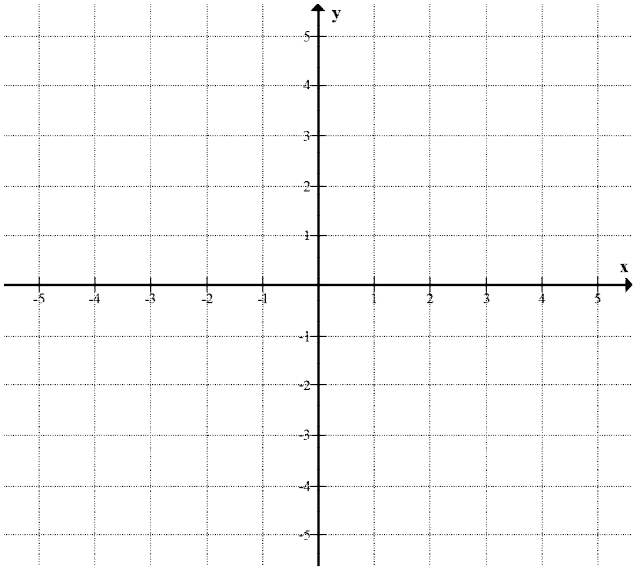


M8 - 9.2 - Graphing Equations TOV y=-x,-2x+1WS

Use a table of values to graph the following equation.

$y = -x$

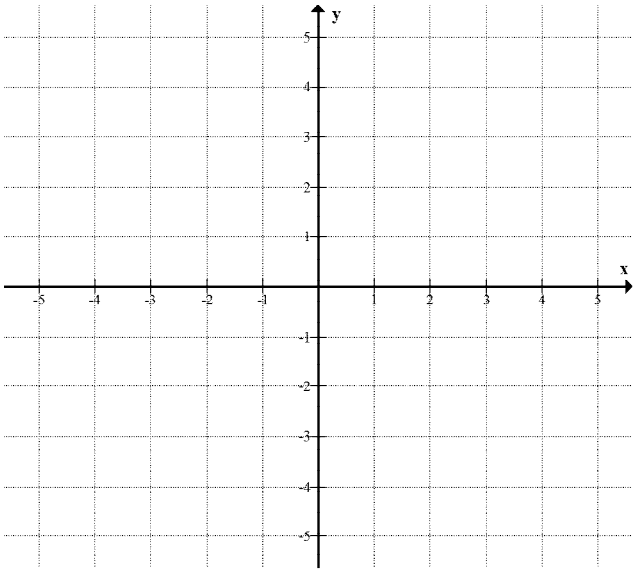
x	y
-2	
-1	
0	
1	
2	



$y = -x$ $y = -(-2)$ $y = 2$	$y = -x$ $y =$	$y = -x$ $y =$	$y = -x$ $y =$	$y = -x$ $y =$
$(-2, 2)$	$(-1, \quad)$	$(0, \quad)$	$(1, \quad)$	$(2, \quad)$

$y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	



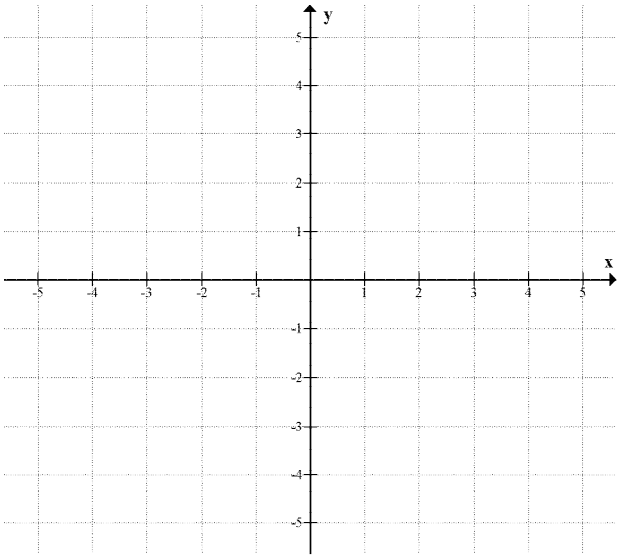
$y = -2x + 1$ $y = -2(-2) + 1$ $y = -4 + 1$ $y = -3$ $(-2, -3)$	$y = -2x + 1$ $y =$	$y = -2x + 1$ $y =$	$y = -2x + 1$ $y =$	$y = -2x + 1$ $y =$
	$(-1, \quad)$	$(0, \quad)$	$(1, \quad)$	$(2, \quad)$

M8 - 9.2 - Graphing Equations TOV -3x+5 WS

Use a table of values to graph the following equation.

$y = -3x + 5$

x	y
−2	
−1	
0	
1	
2	



$y = -3x + 5$
$y = -3(-2) + 5$
$y = 6 + 5$
$y = 11$

(−2,)

$y = -3x + 5$
$y = -3(\quad) + 5$
$y =$
$y =$

(−1,)

$y = -3x + 5$
$y = -3(\quad) + 5$
$y =$
$y =$

(0,)

$y = -3x + 5$
$y = -3(\quad) + 5$
$y =$
$y =$

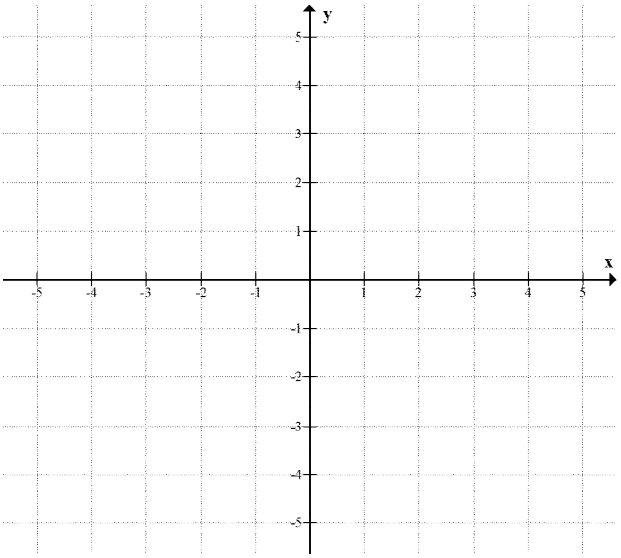
(1,)

$y = -3x + 5$
$y = -3(\quad) + 5$
$y =$
$y =$

(2,)

$y = -\frac{1}{2}x + 6$

x	y
−2	
−1	
0	
1	
2	

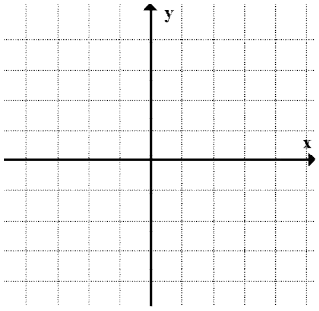


M8 - 9.2 - Graphing Equations TOV WS

Graph the following equations using a table of values, on graph paper. Choose your own increments.

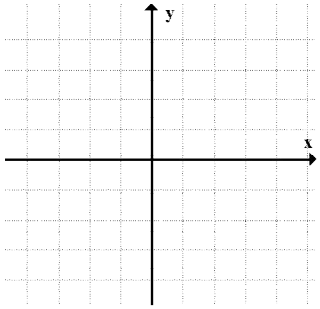
$y = x + 1$

x	y



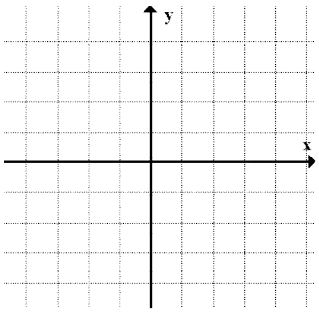
$y = x - 3$

x	y



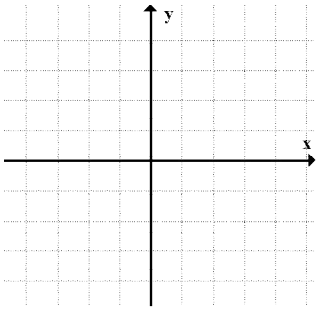
$y = 3x$

x	y



$y = \frac{2}{3}x$

x	y

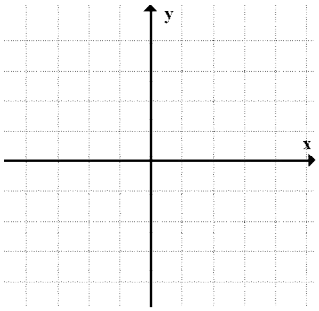


M8 - 9.2 - Graphing Equations TOV WS

Graph the following equations using a table of values, on graph paper. Choose your own increments.

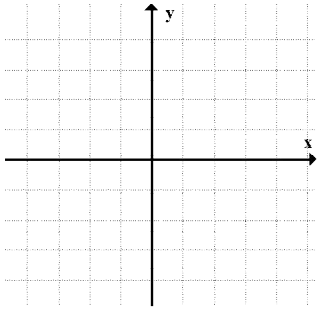
$y = -2x$

x	y



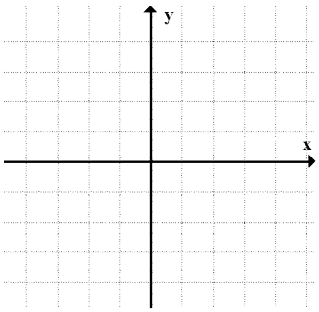
$y = -2x - 1$

x	y



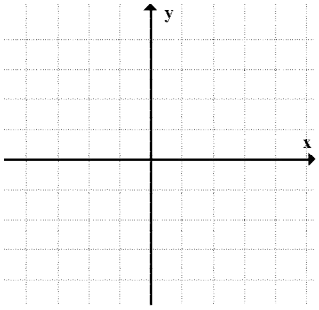
$y = \frac{3}{2}x + 1$

x	y



$y = -\frac{5}{2}x - 1$

x	y



M8 - 9.2 - Graphing Equations TOV HW

Graph using a table of values on graph paper

$y = x + 5$

$y = x - 2$

$y = 3x$

$y = \frac{1}{4}x$

$y = -3x$

$y = -3x - 2$

$y = \frac{1}{4}x + 2$

$y = -\frac{1}{4}x - 1$