

**Algebra 1 Lesson #3 Unit 6**  
**Class Worksheet #3**  
**For Worksheets #4&5**

# **Algebra I Graphing Linear Equations**

## Algebra I Graphing Linear Equations

1. Graph the equation  $y = 2x$ .

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Step 1:

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Step 1:

Fill out an x-y table.

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x	y
-3	
-2	
-1	
0	
1	
2	
3	

# Algebra I Graphing Linear Equations

1. Graph the equation  $y = 2x$ .

Step 1:

Fill out an x-y table.

x	y
-3	-6
-2	
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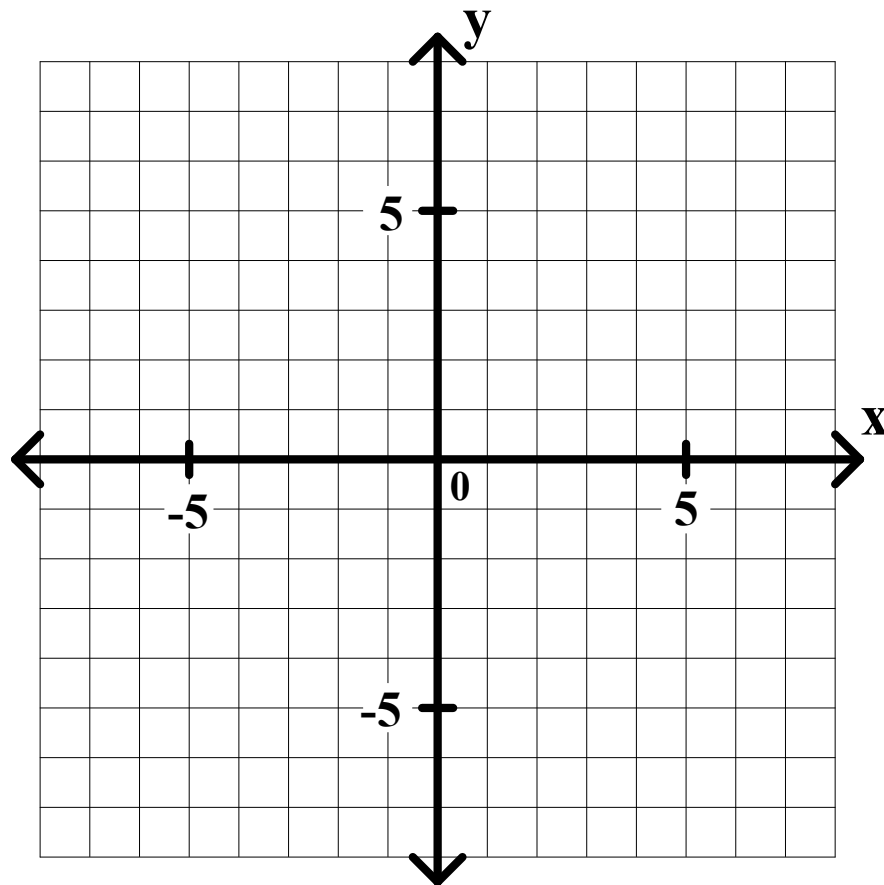
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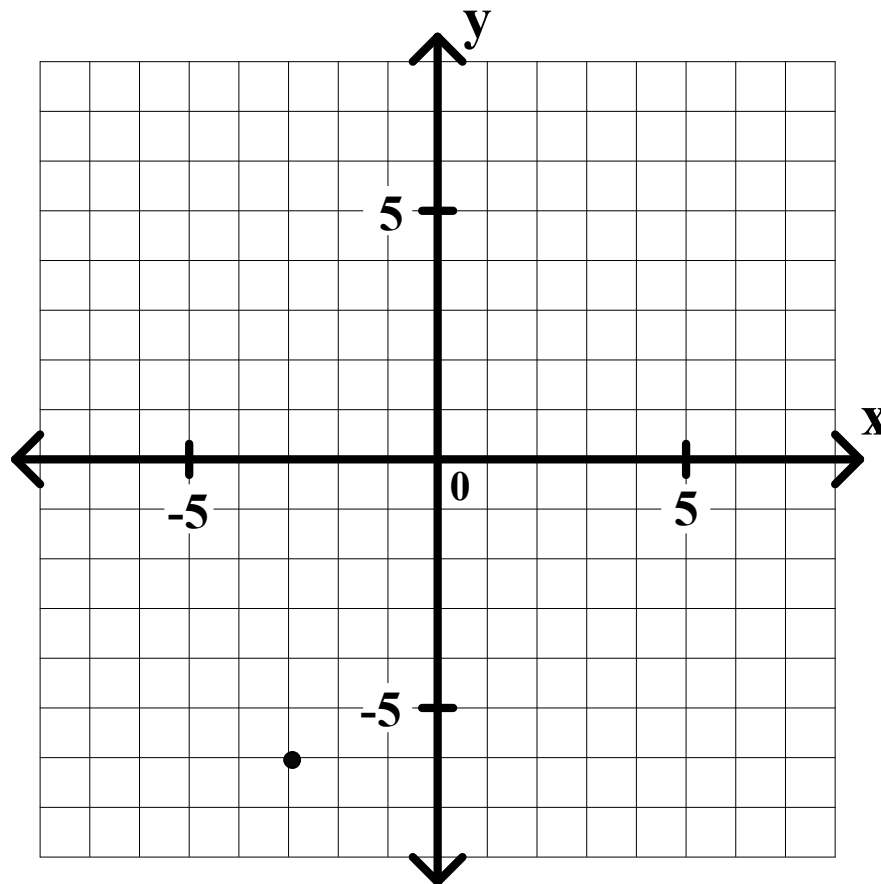
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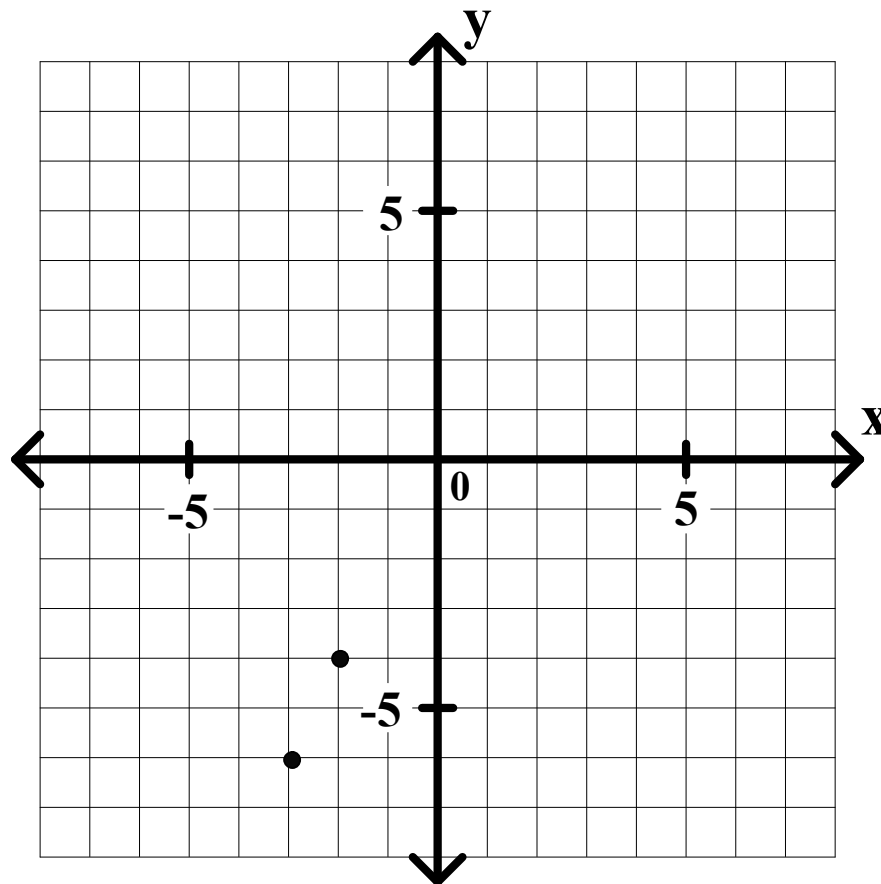
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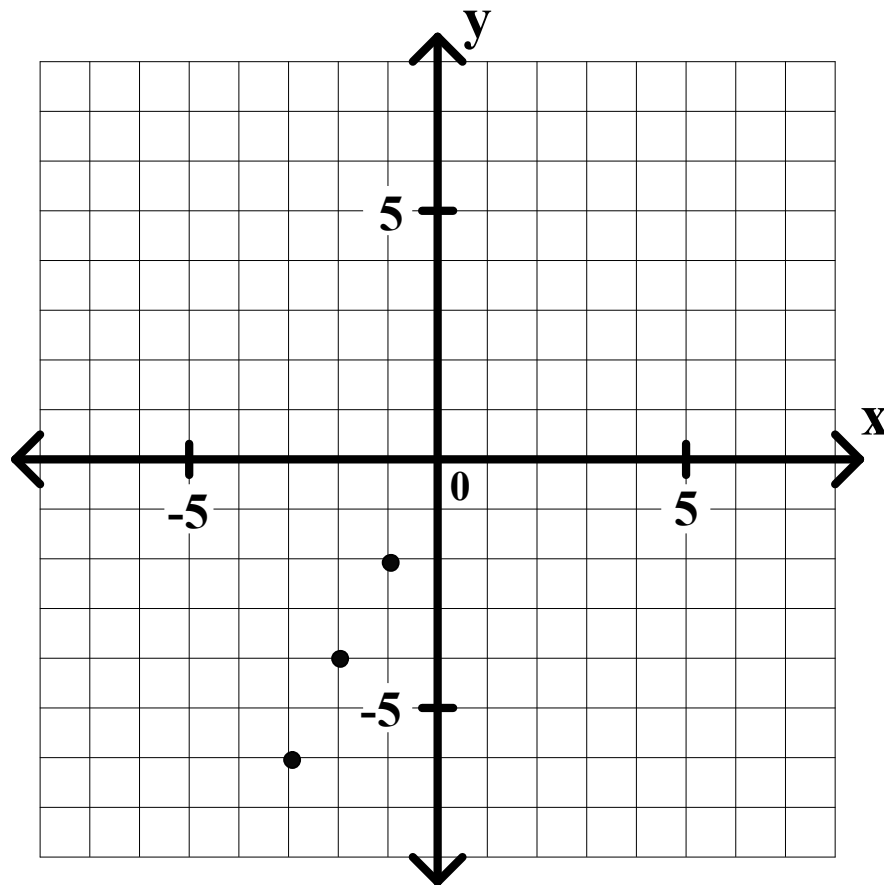
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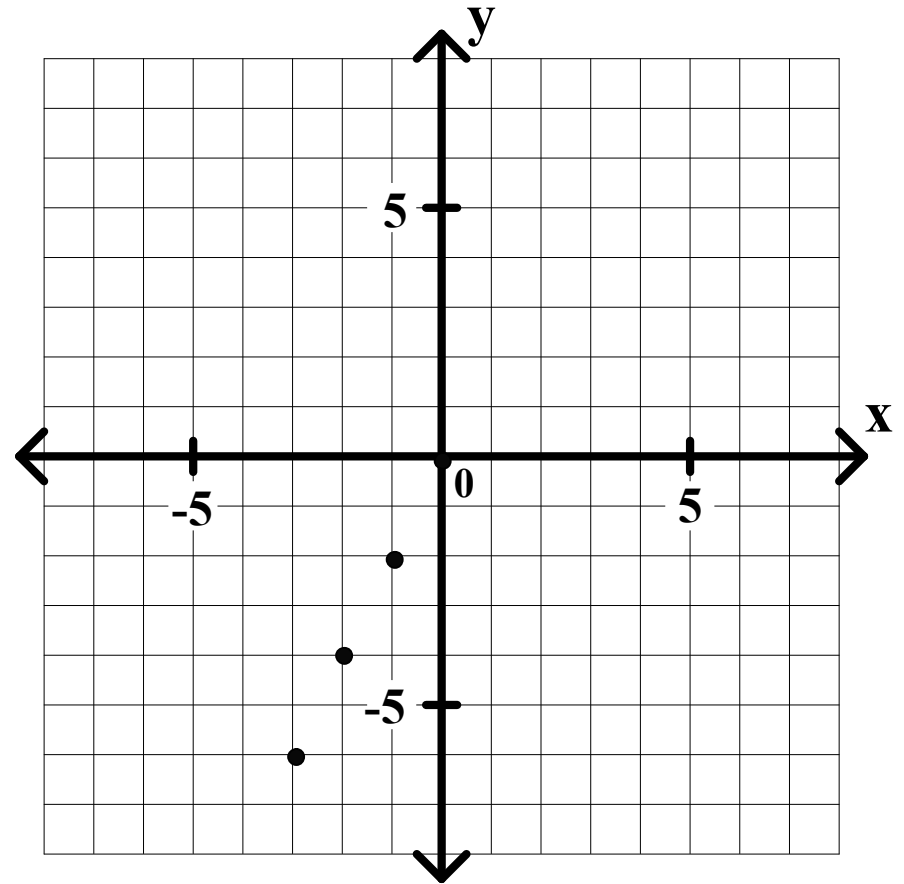
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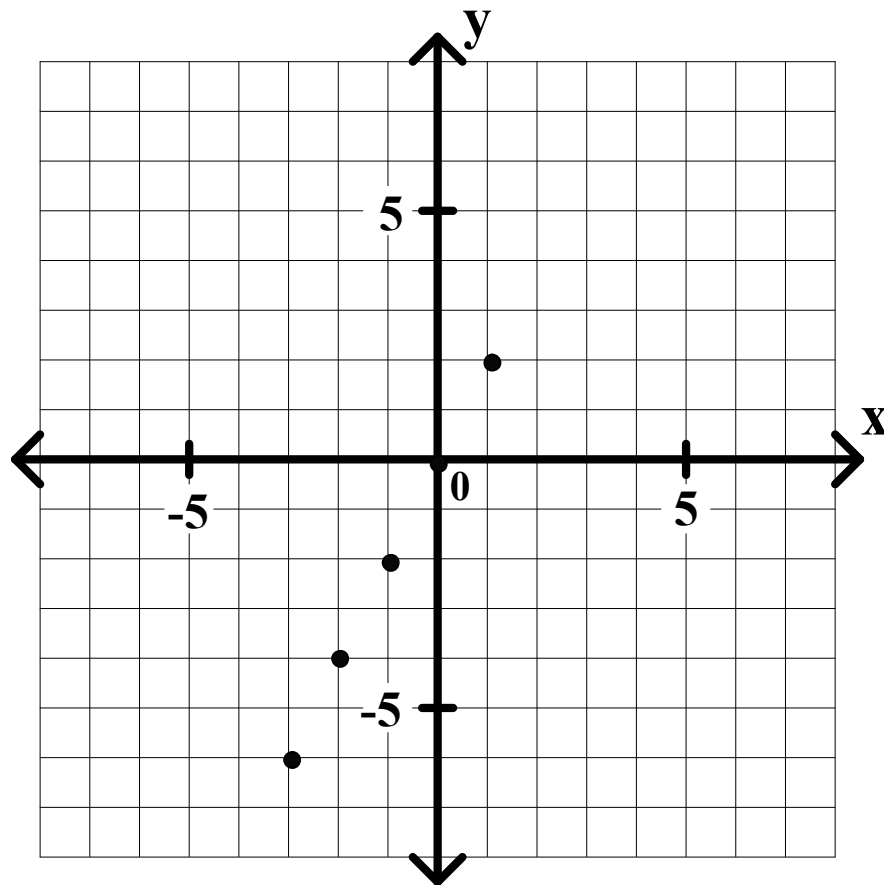
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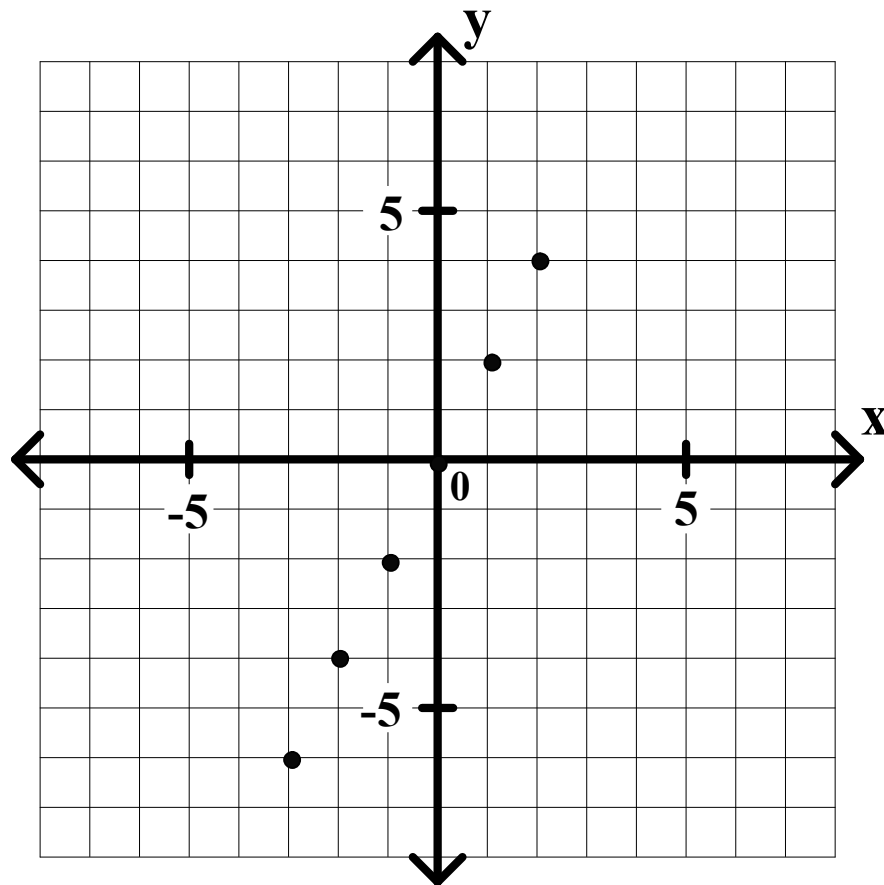
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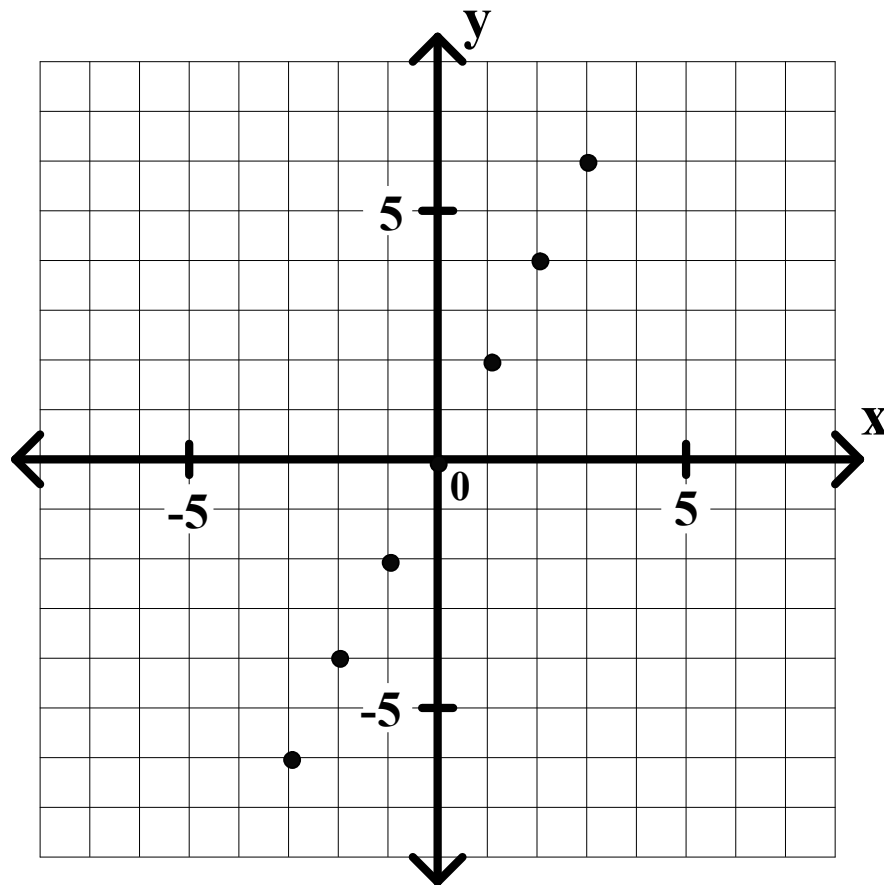
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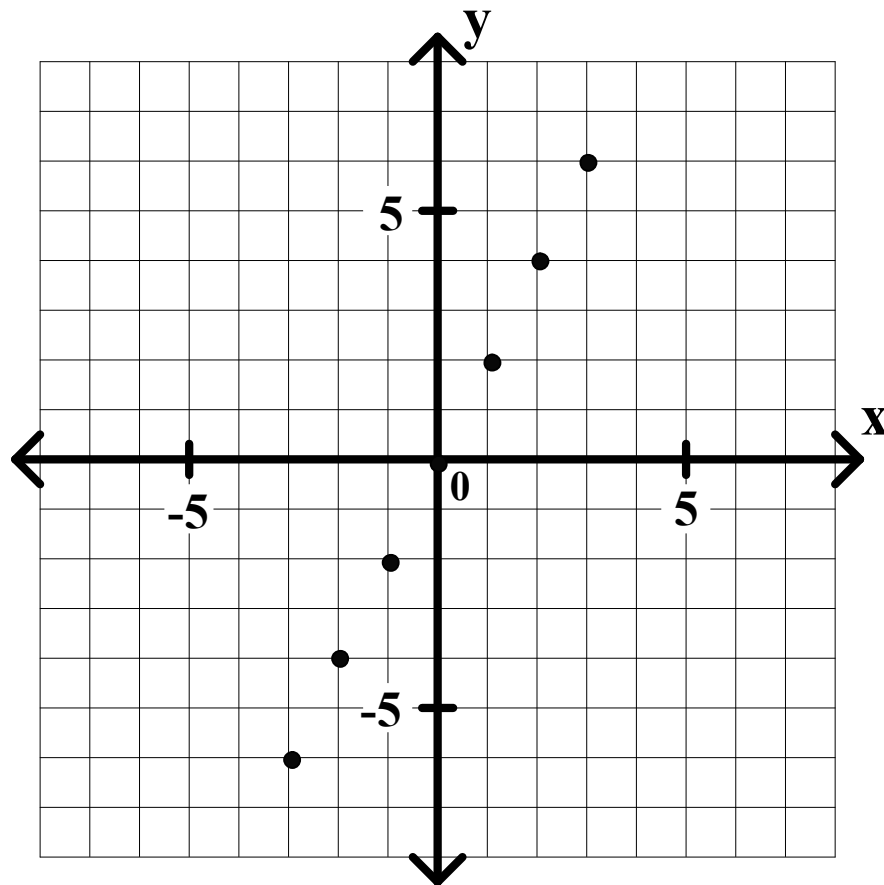
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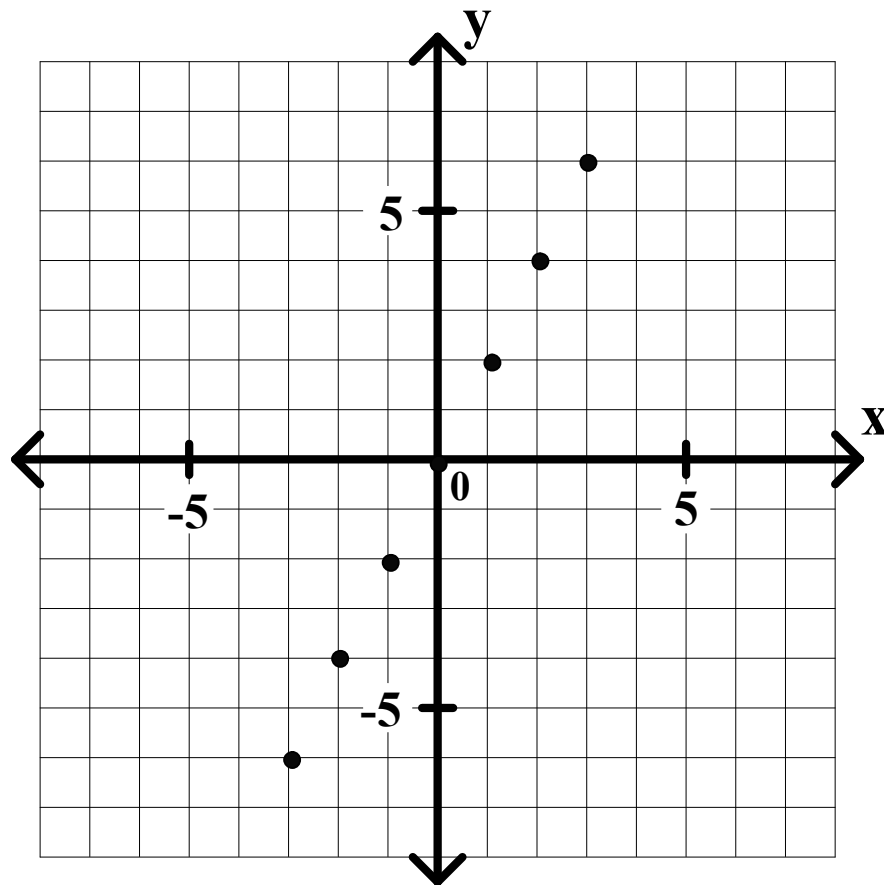
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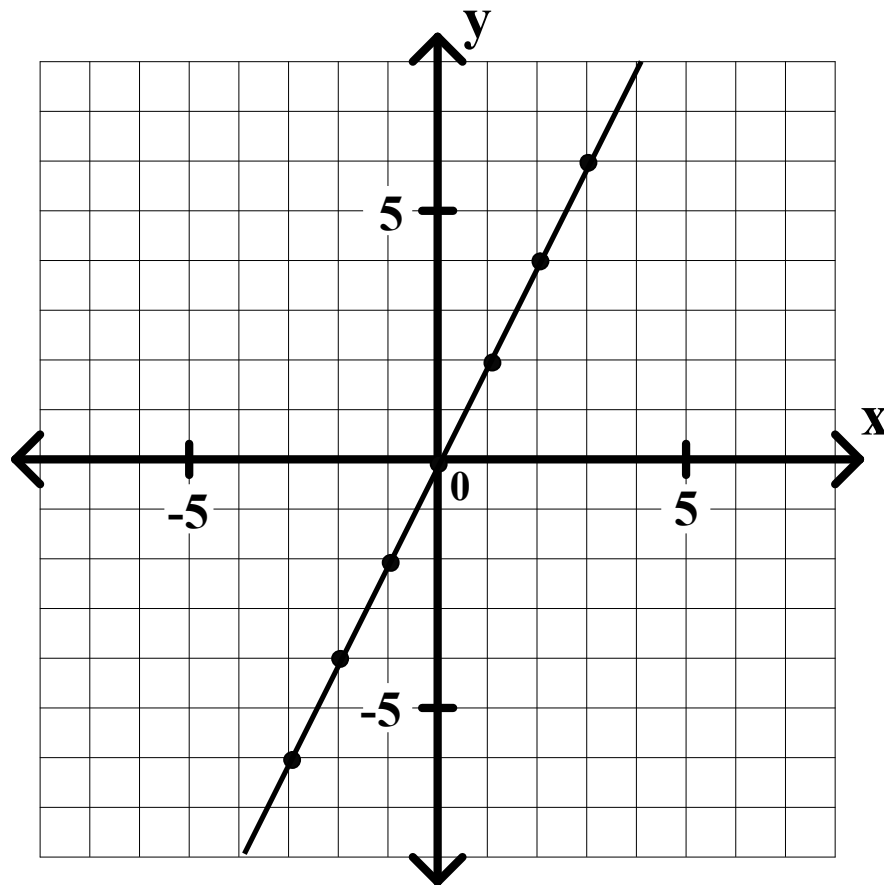
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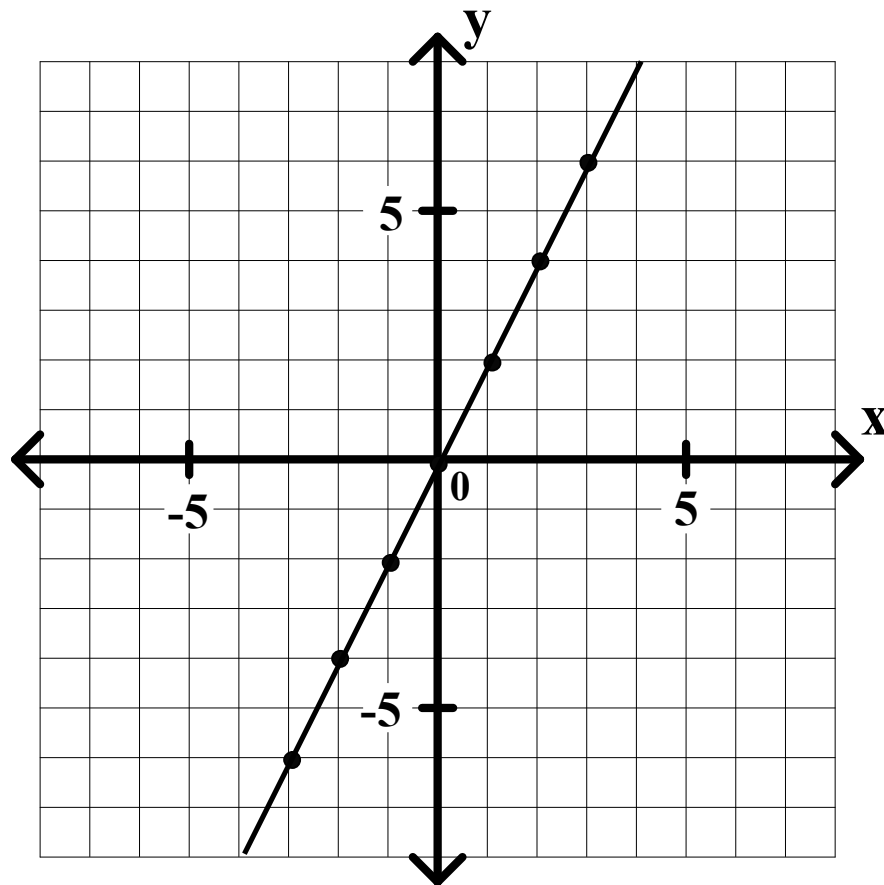
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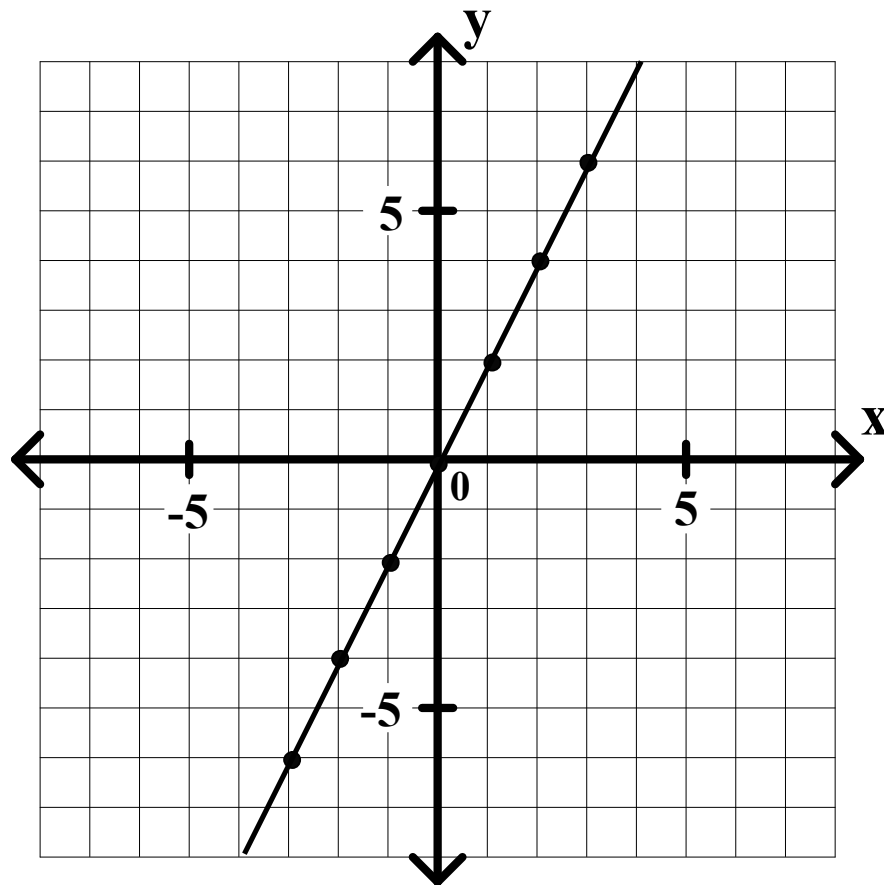
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Label the graph.



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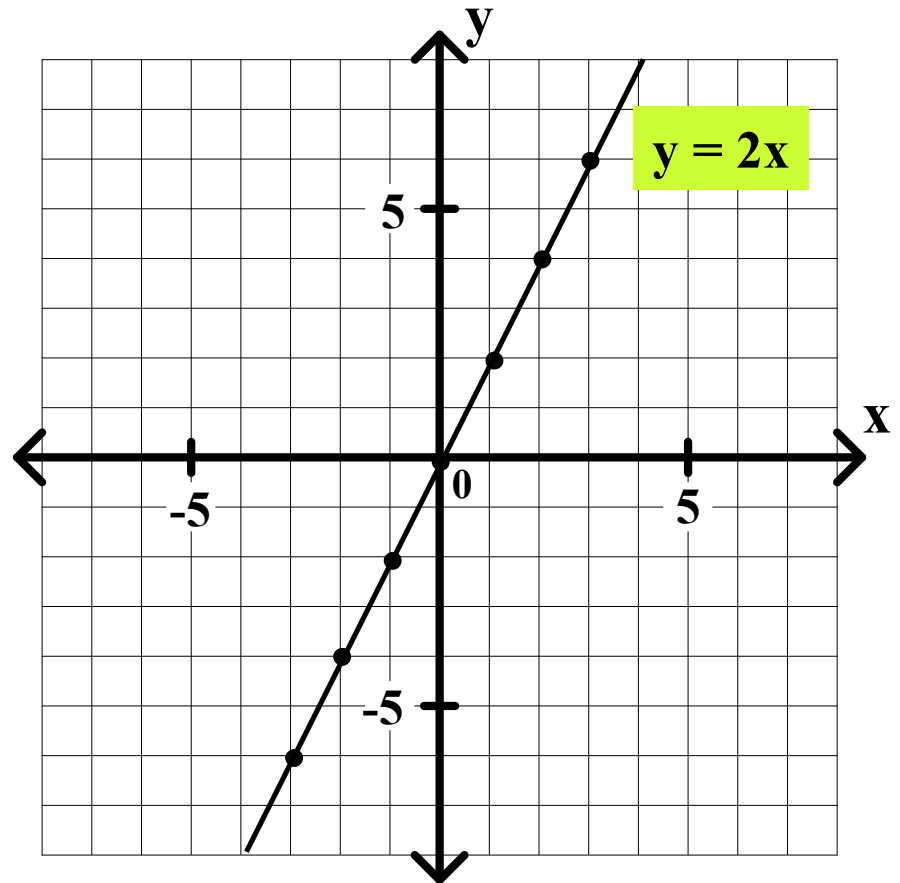
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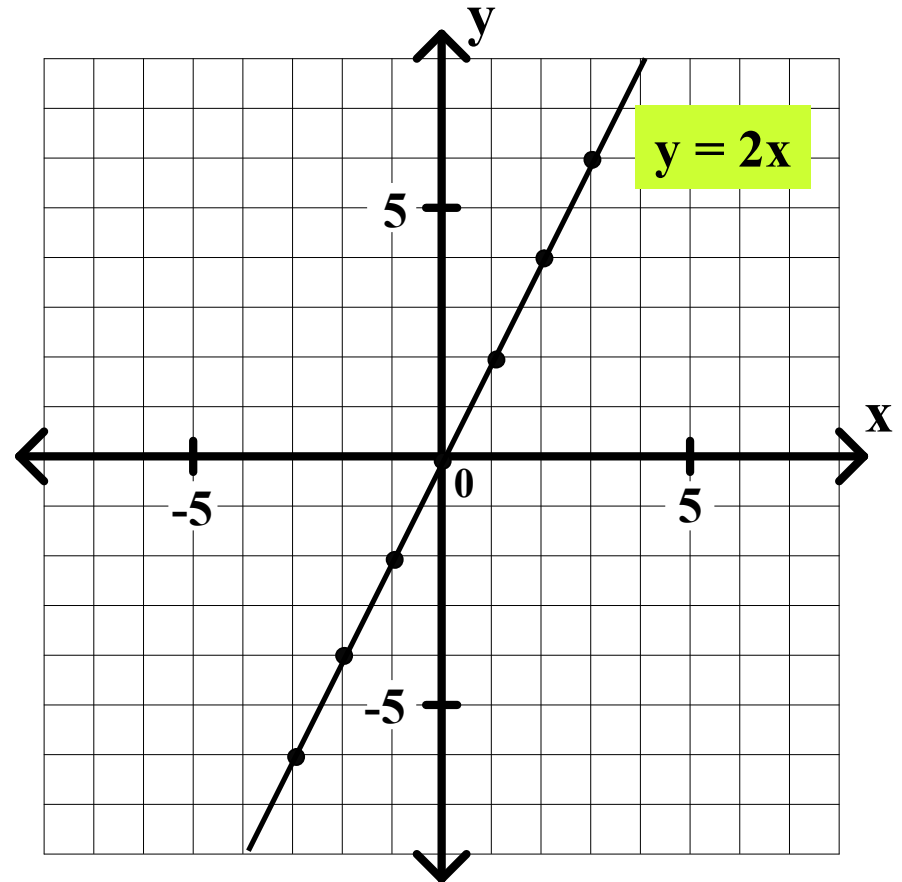
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The graph of every **linear equation** is a straight line.

## Algebra I Graphing Linear Equations

2. Graph the equation  $x + y = 2$ .

Step 1:

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x	y
-3	
-2	
-1	
0	
1	
2	
3	

Step 2:

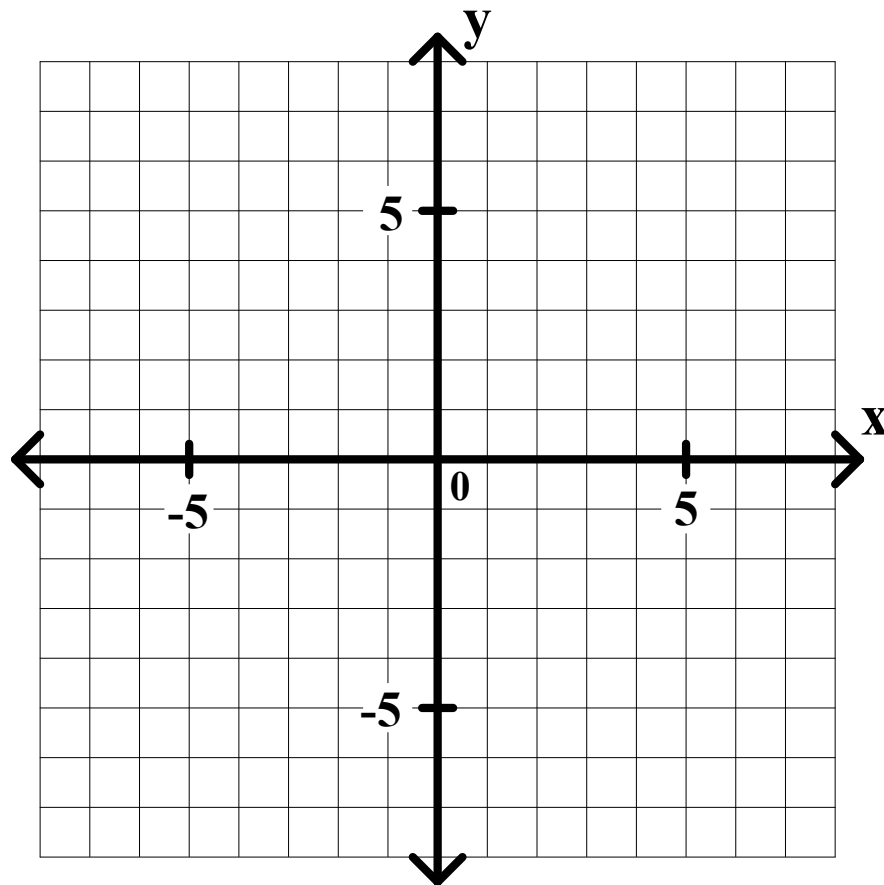
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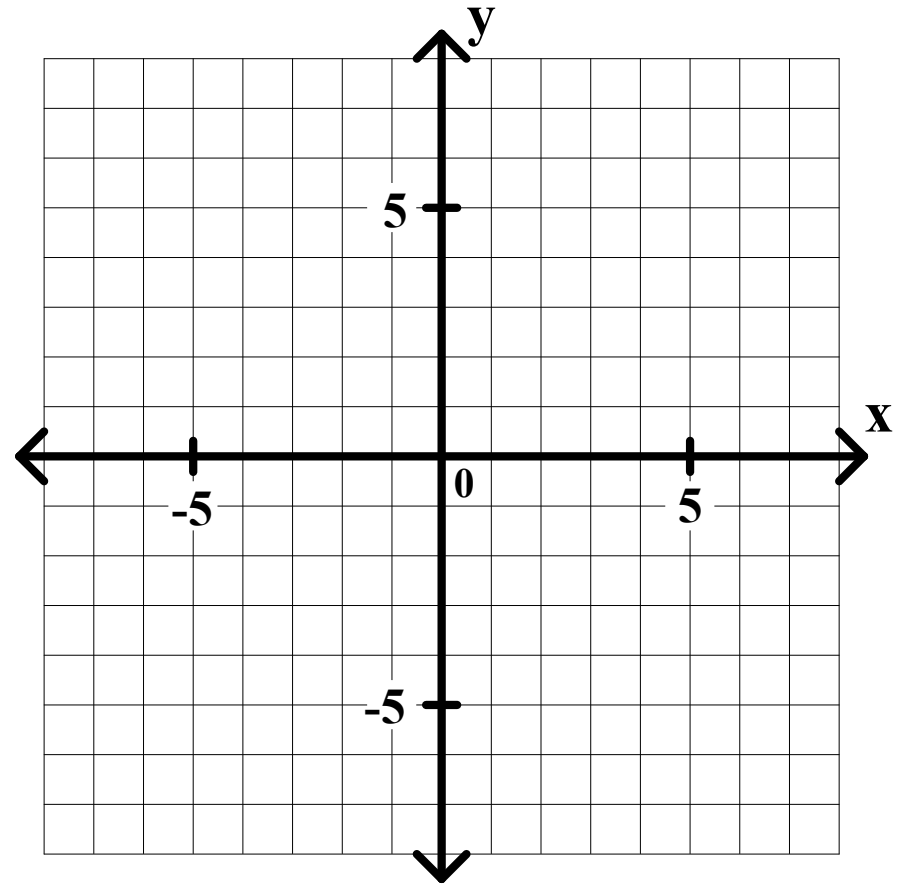
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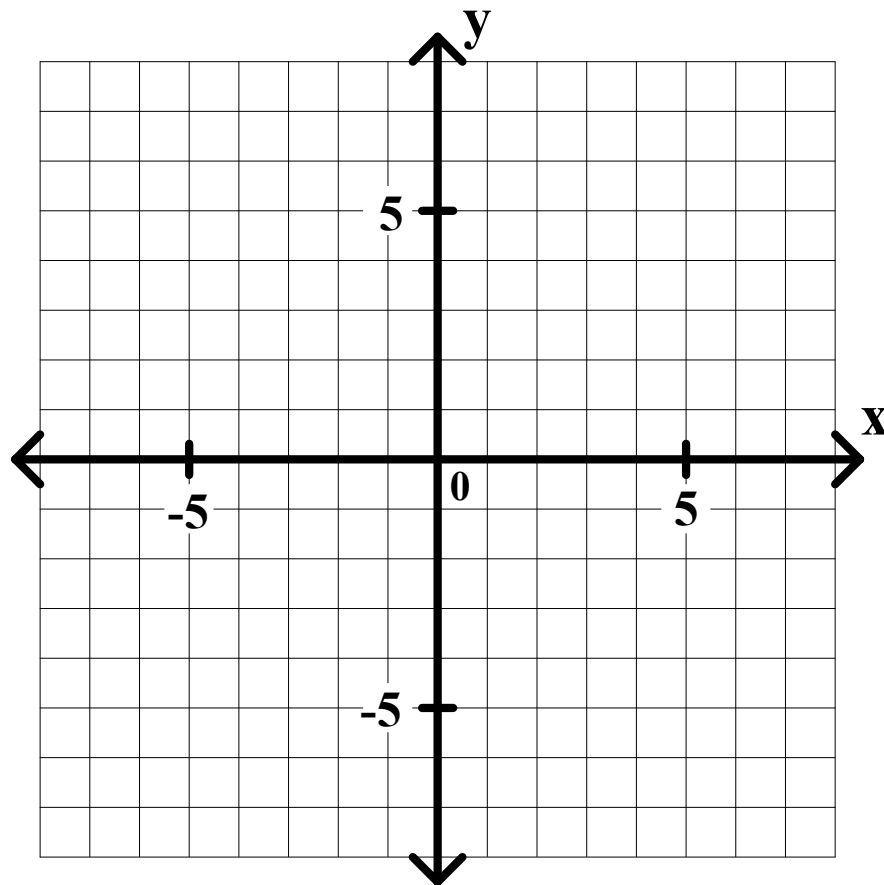
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x	y
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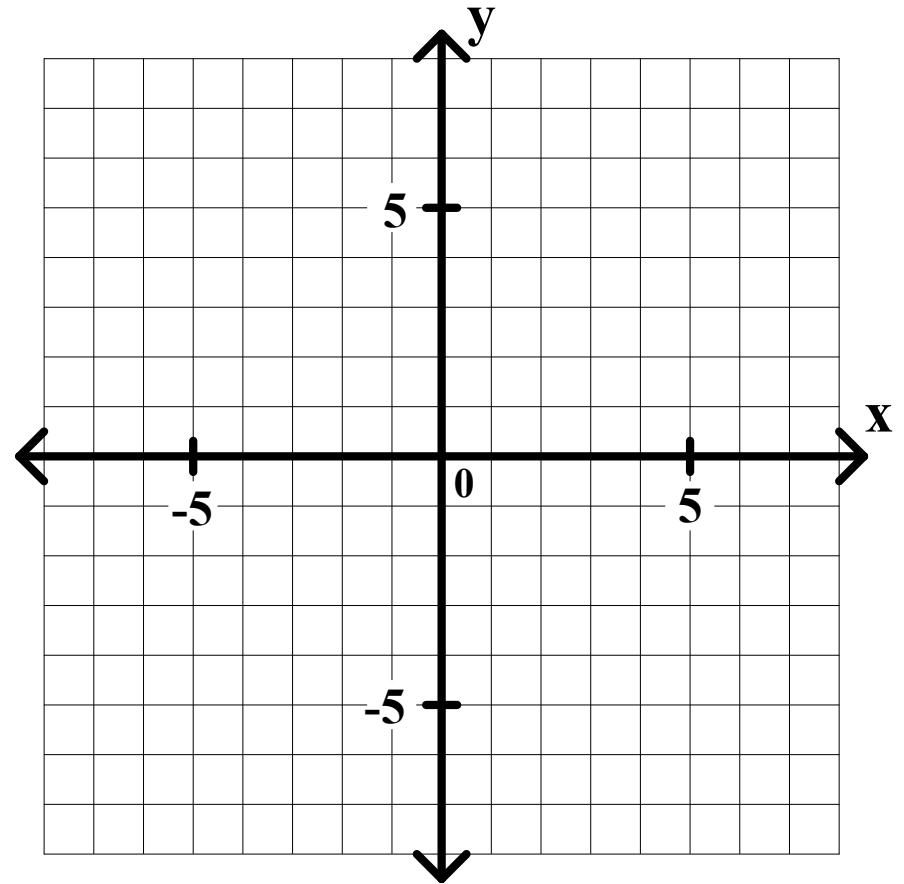
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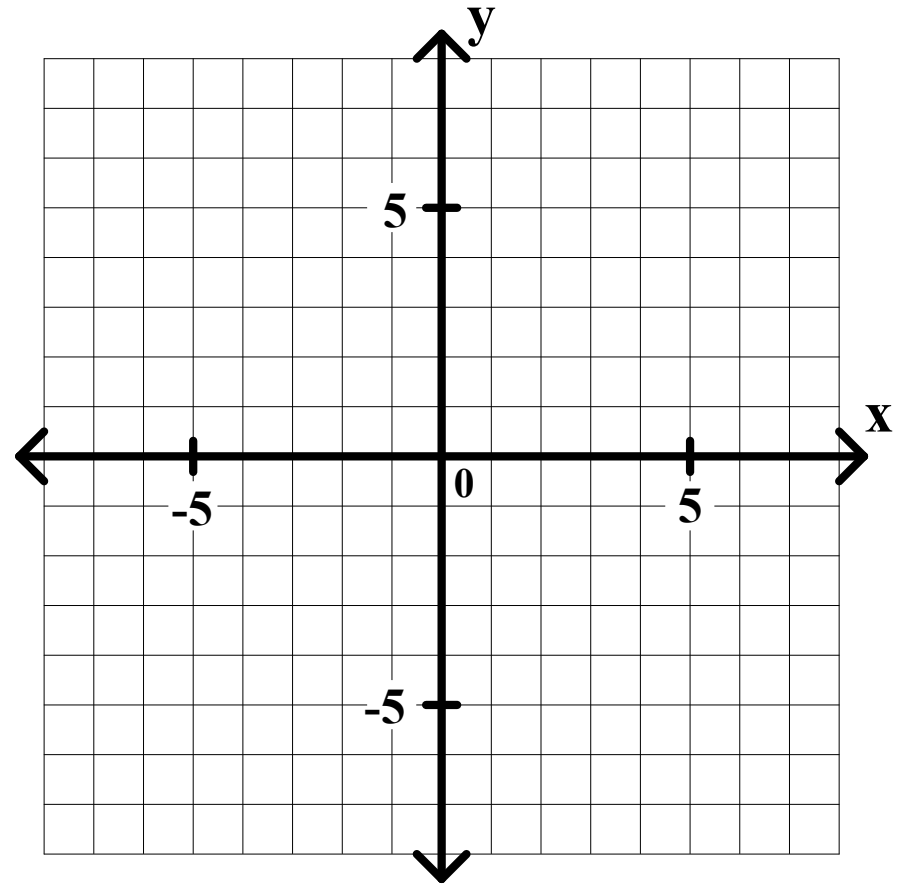
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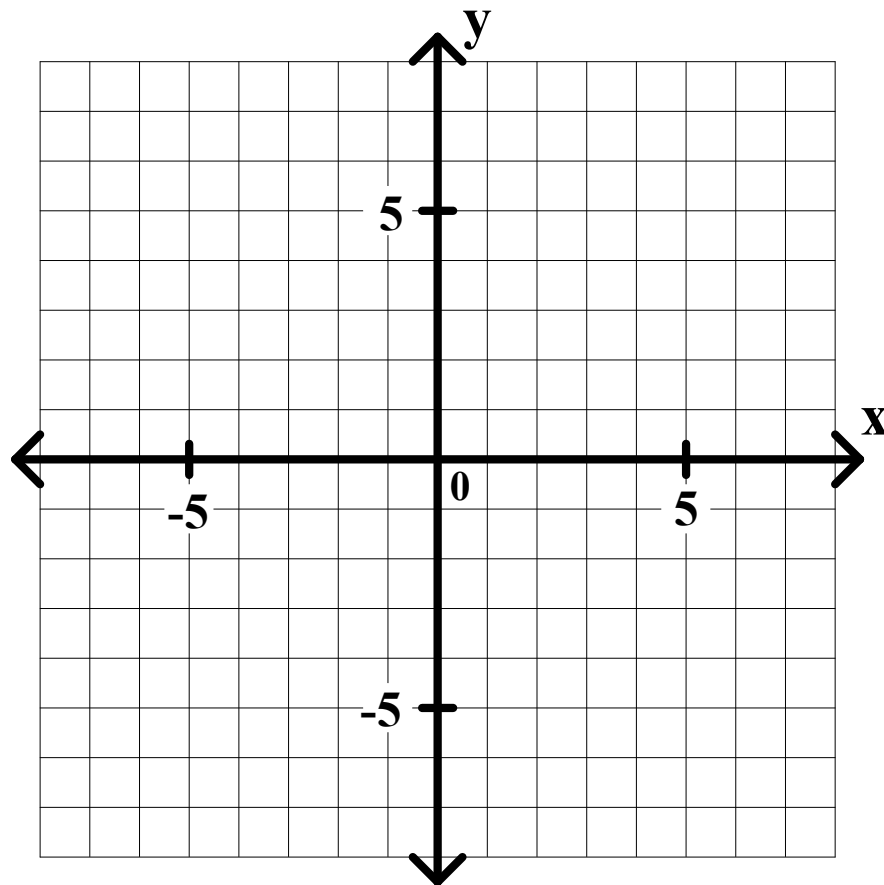
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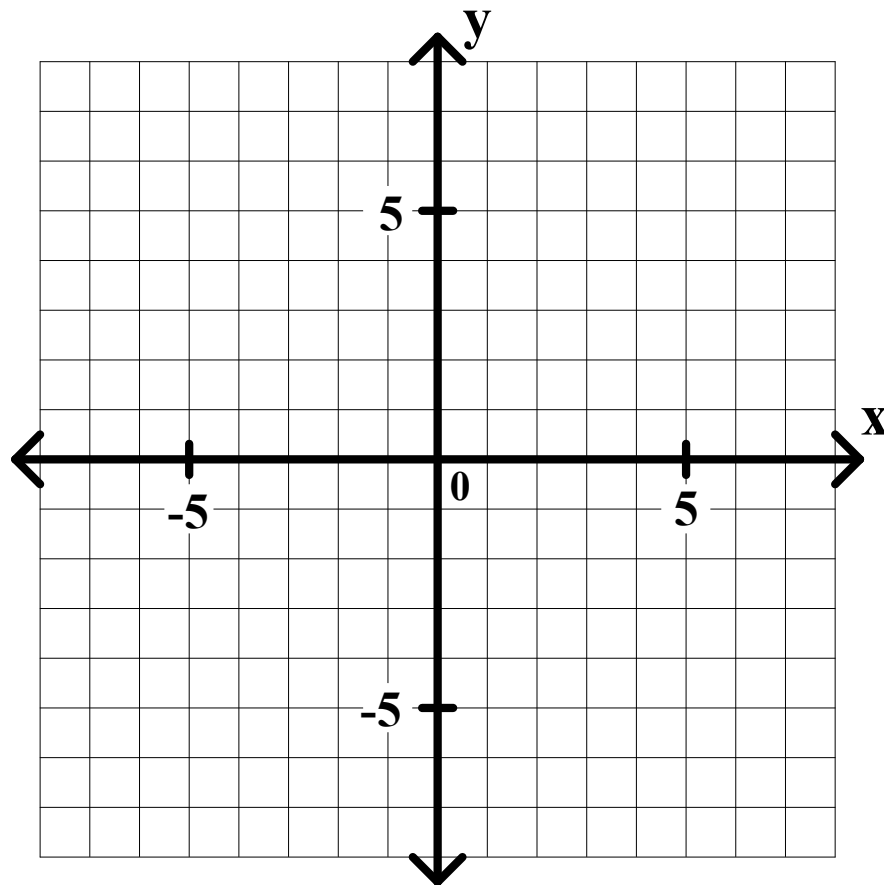
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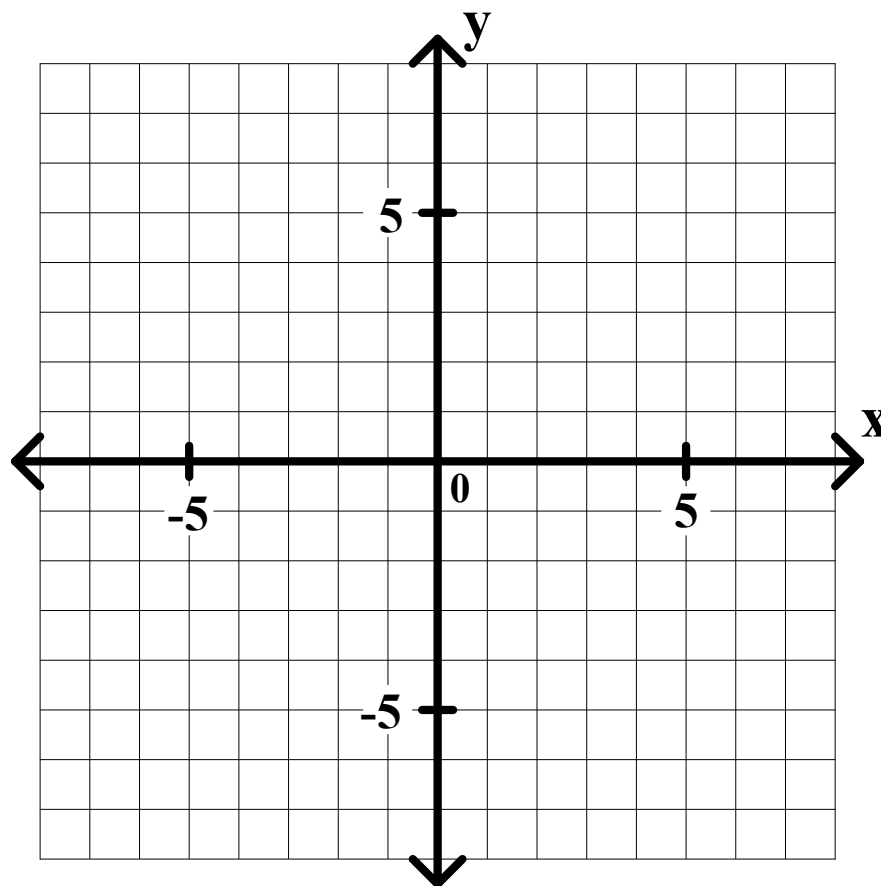
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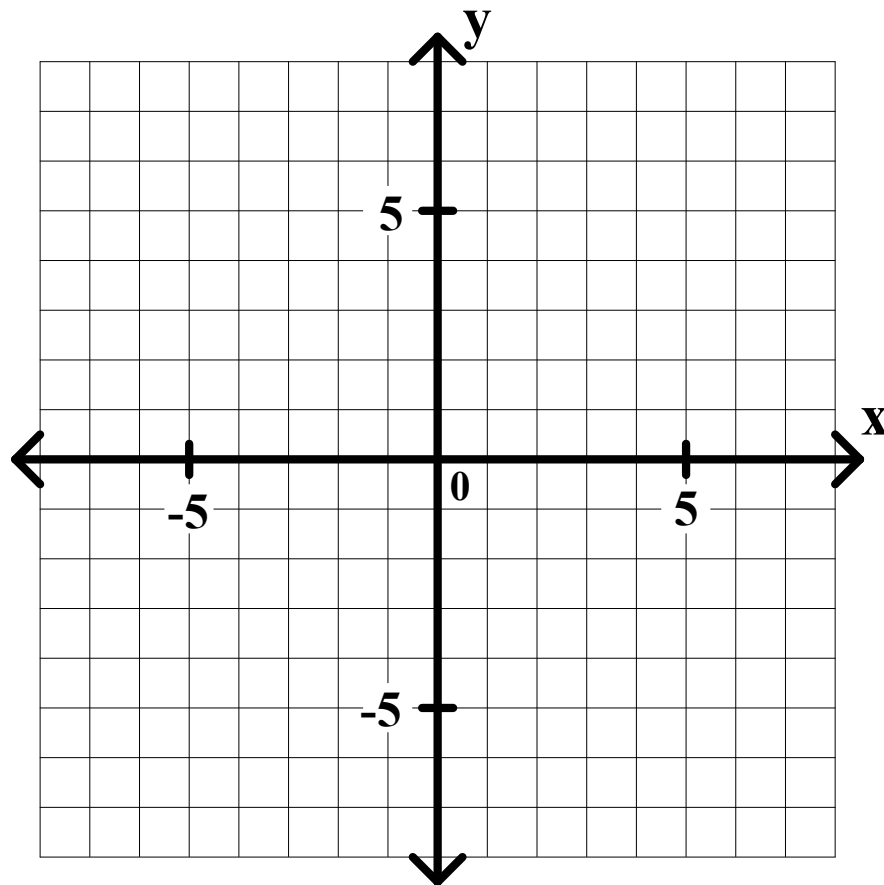
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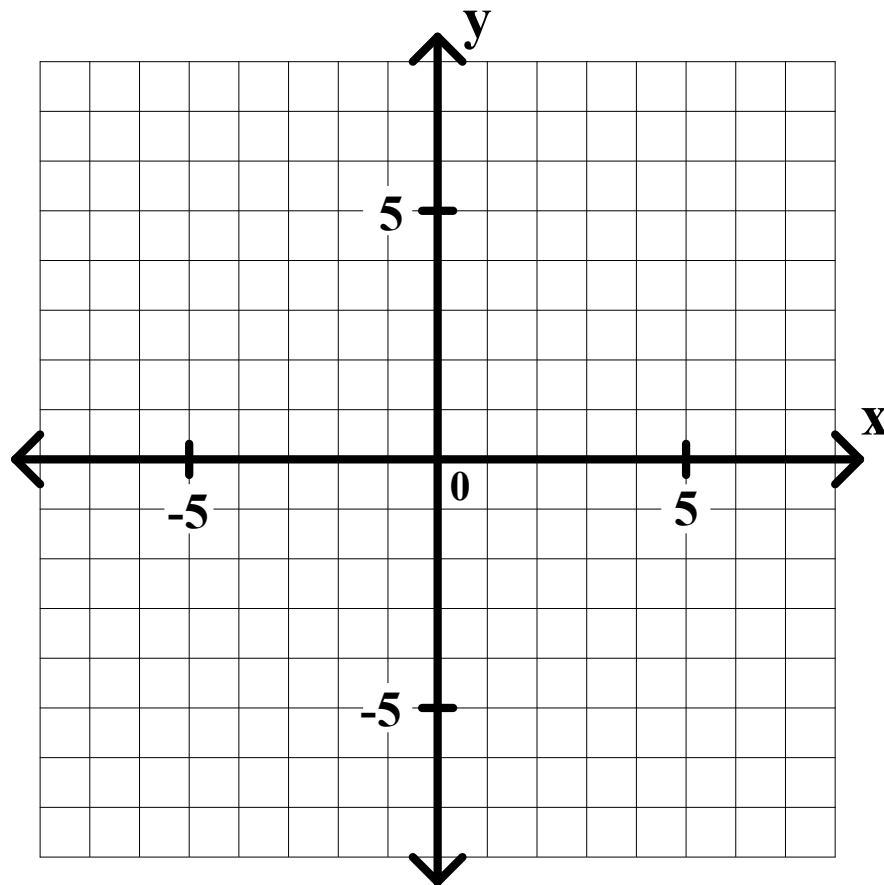
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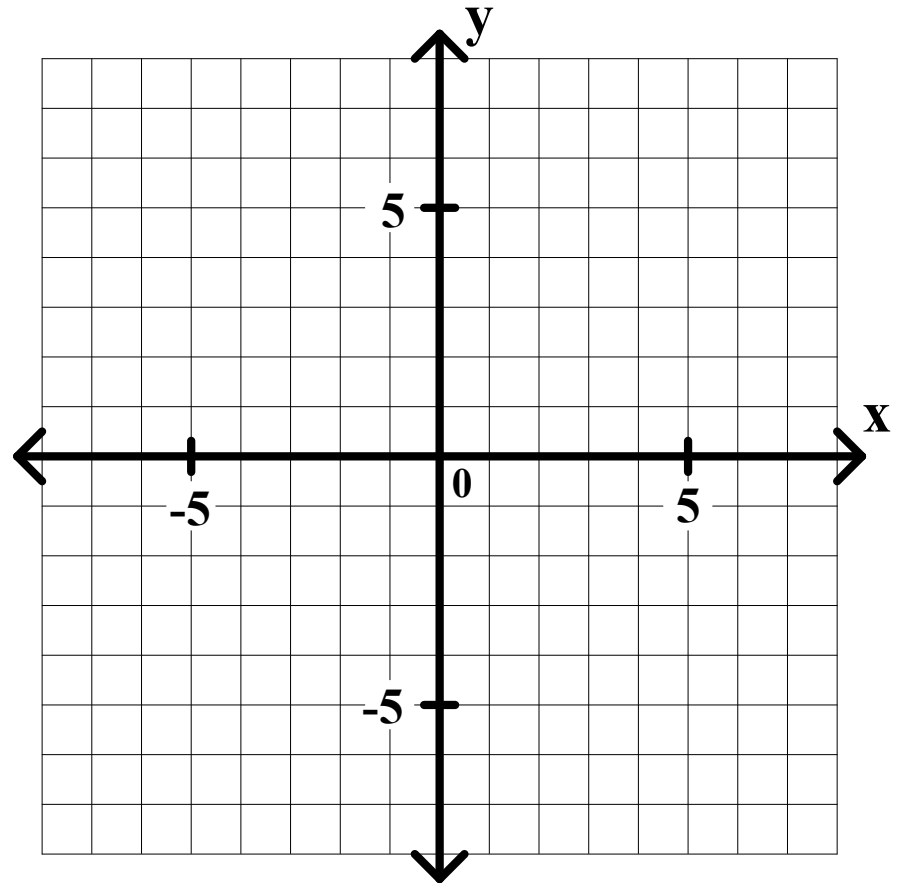
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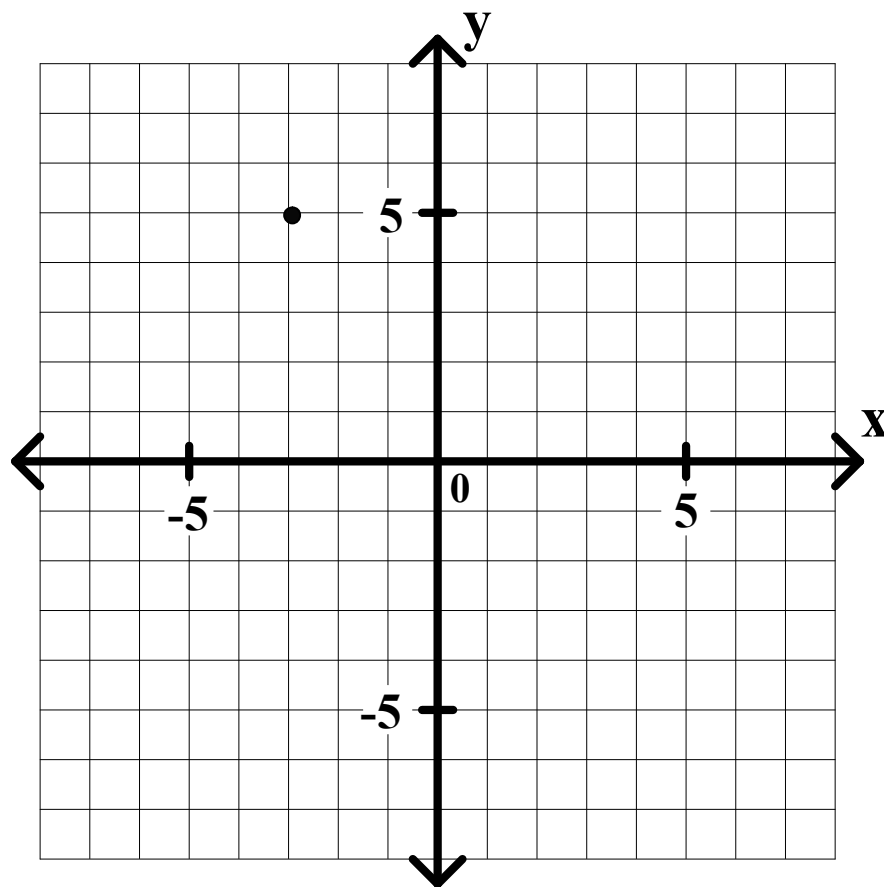
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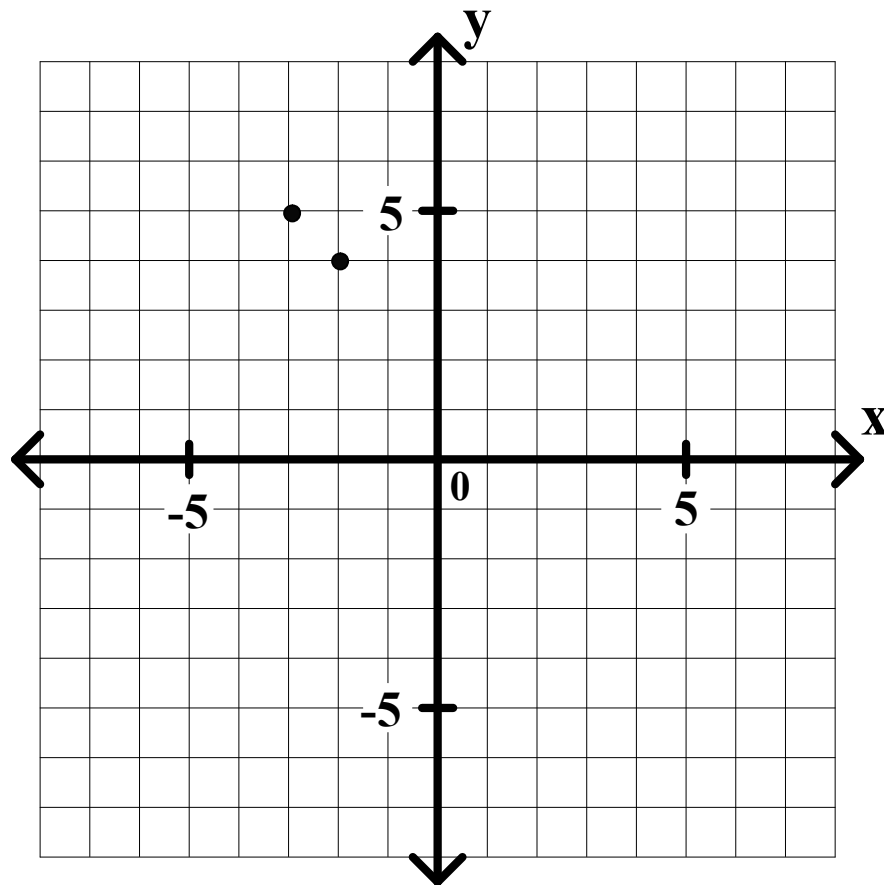
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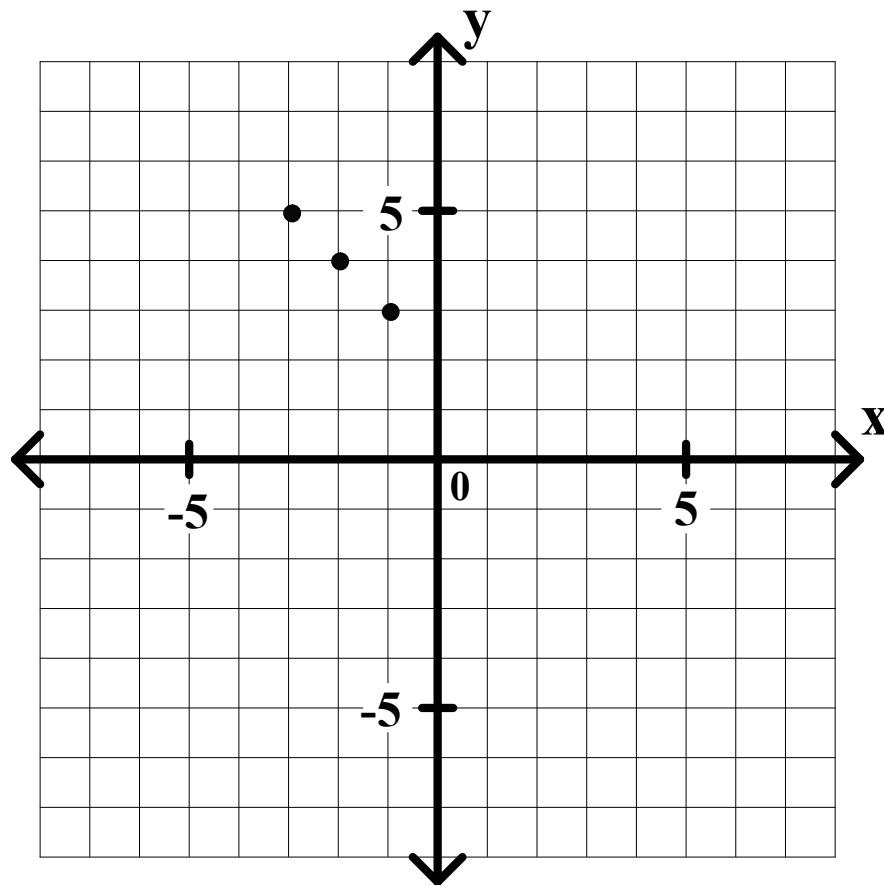
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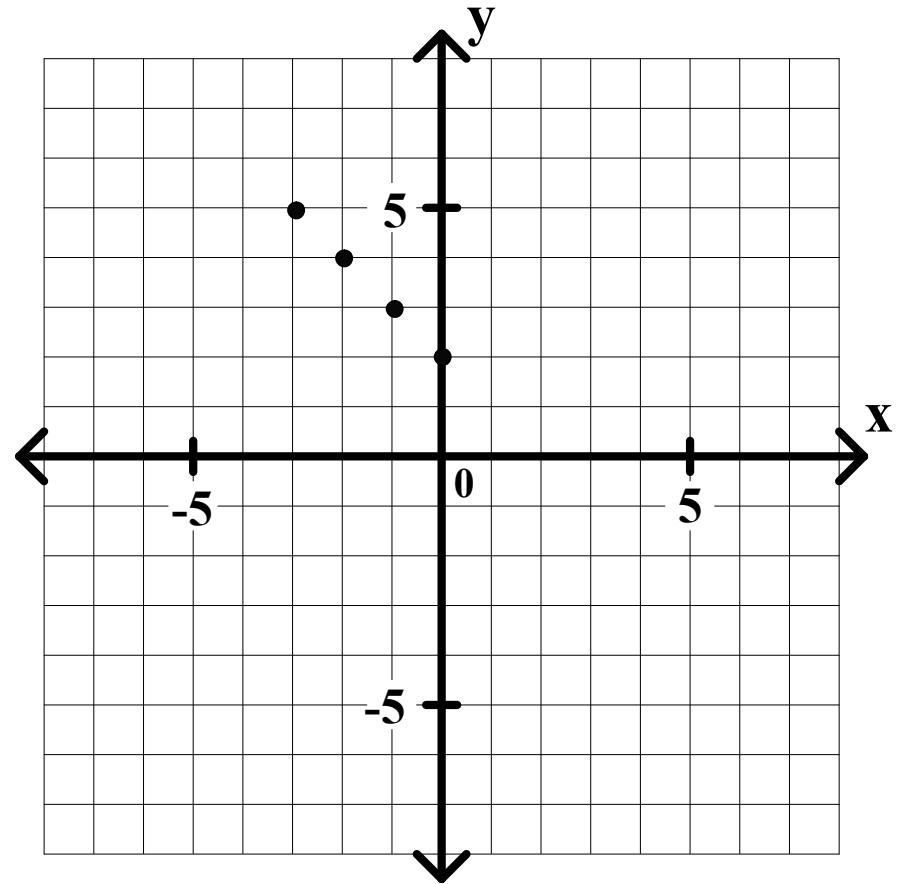
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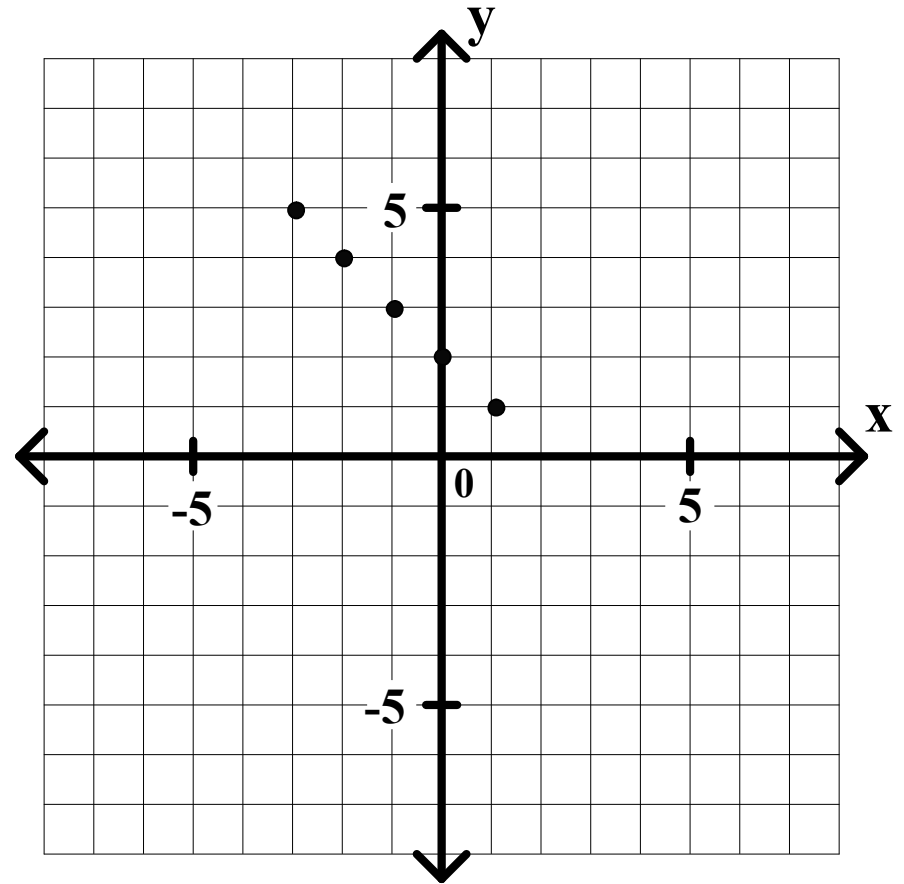
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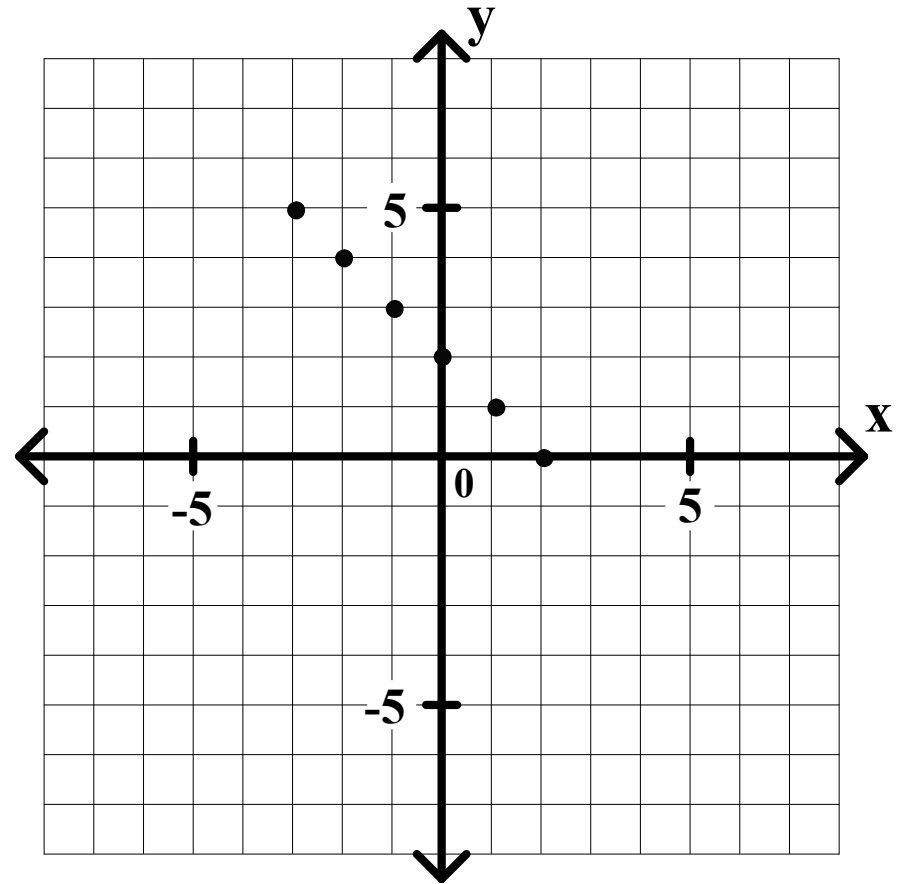
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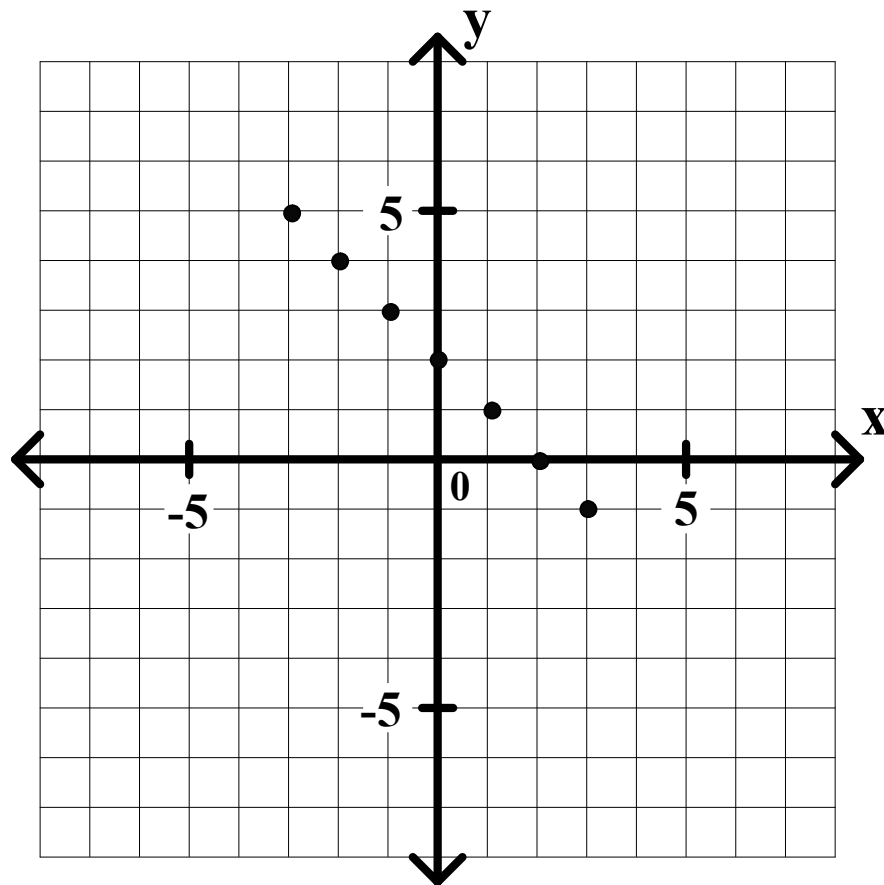
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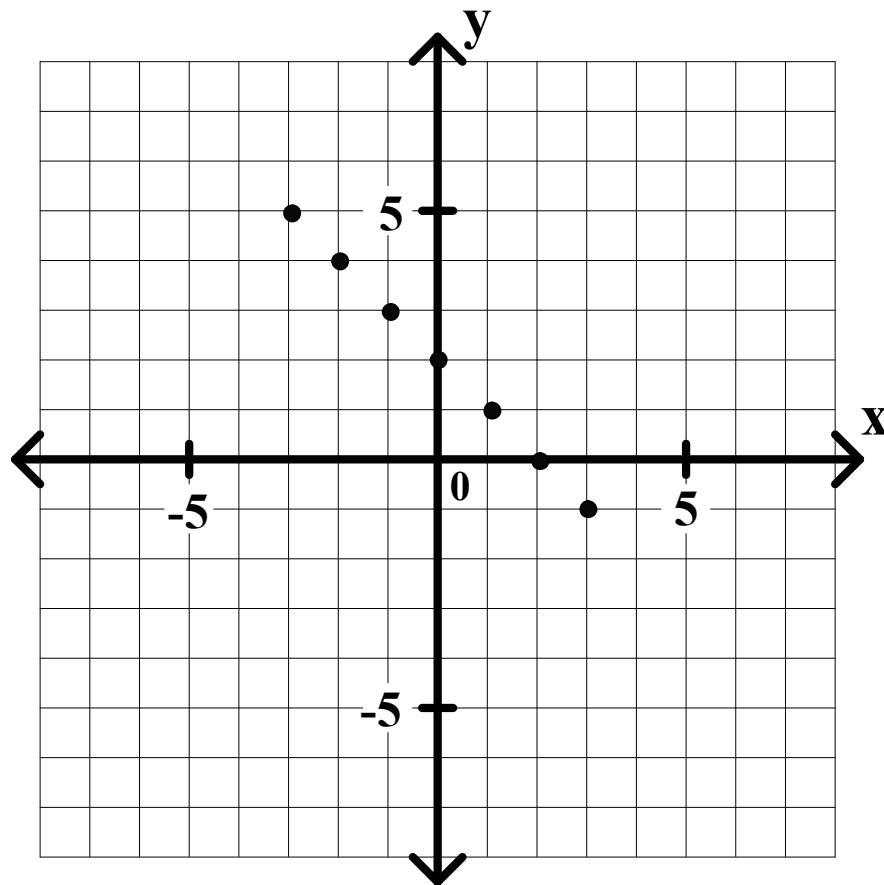
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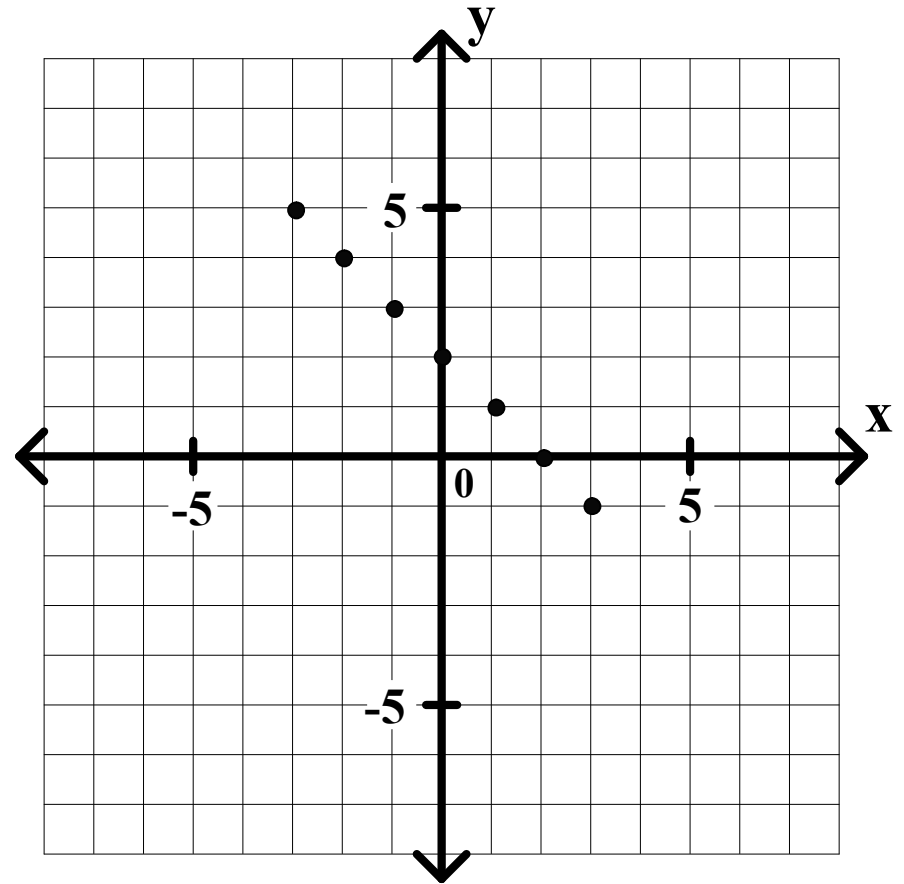
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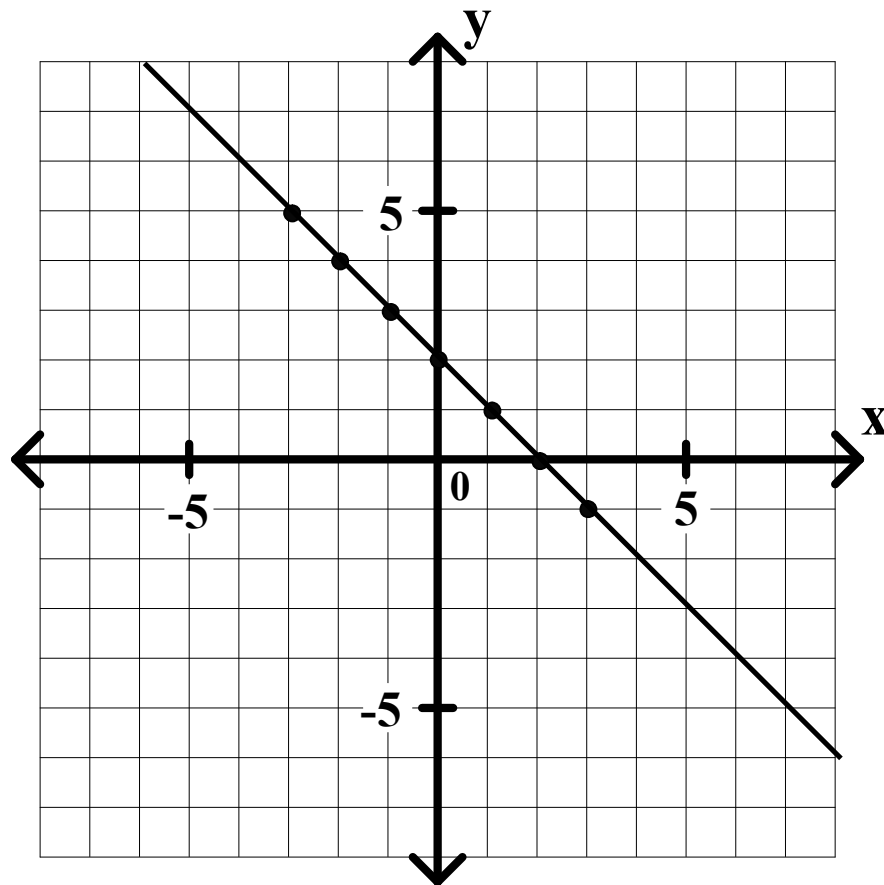
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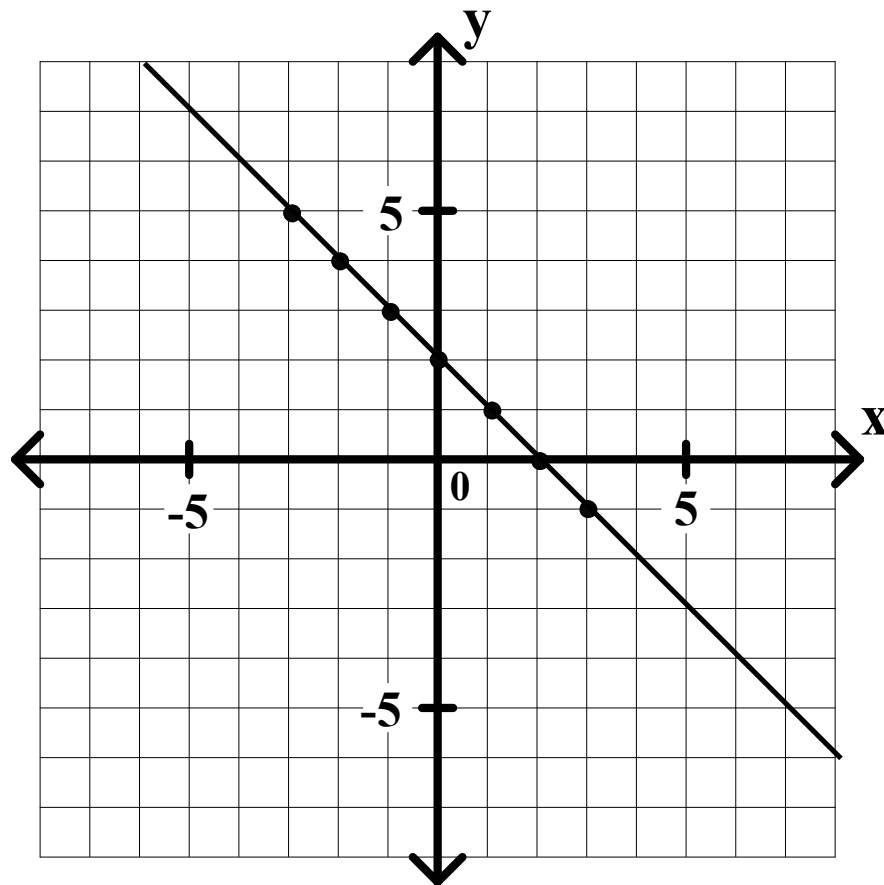
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3	-1

Step 2:

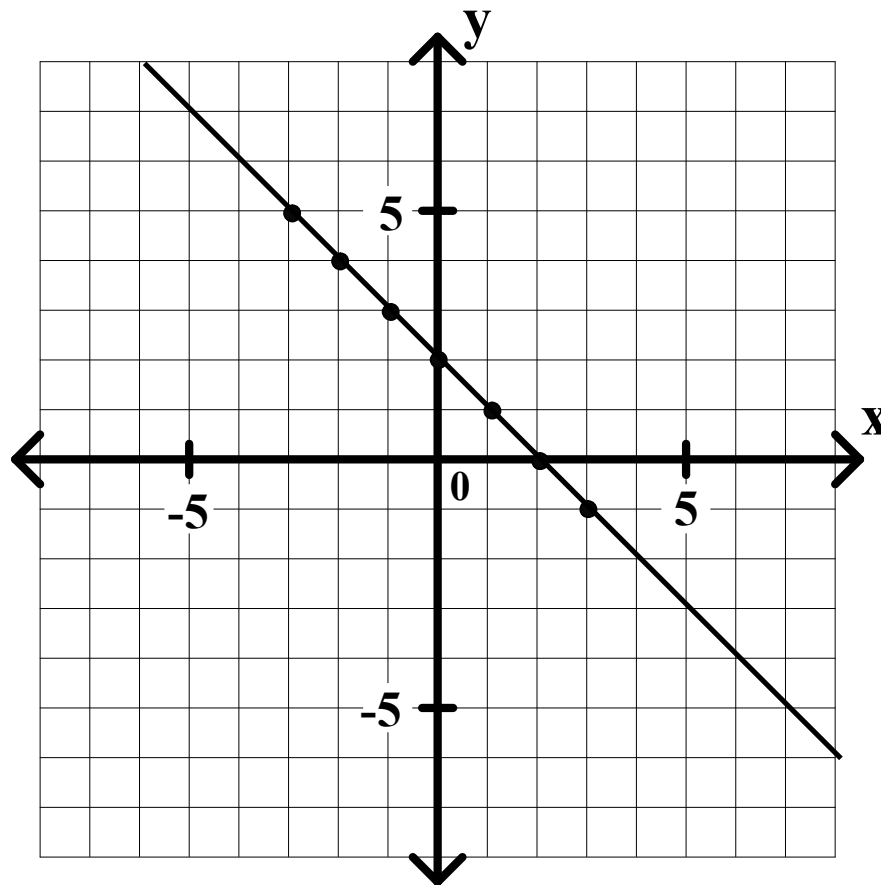
Graph the points.

Step 3:

Draw the line.

Step 4:

Label the graph.



## Algebra I Graphing Linear Equations

2. Graph the equation  $x + y = 2$ .

Step 1:

Fill out an x-y table.

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

Step 2:

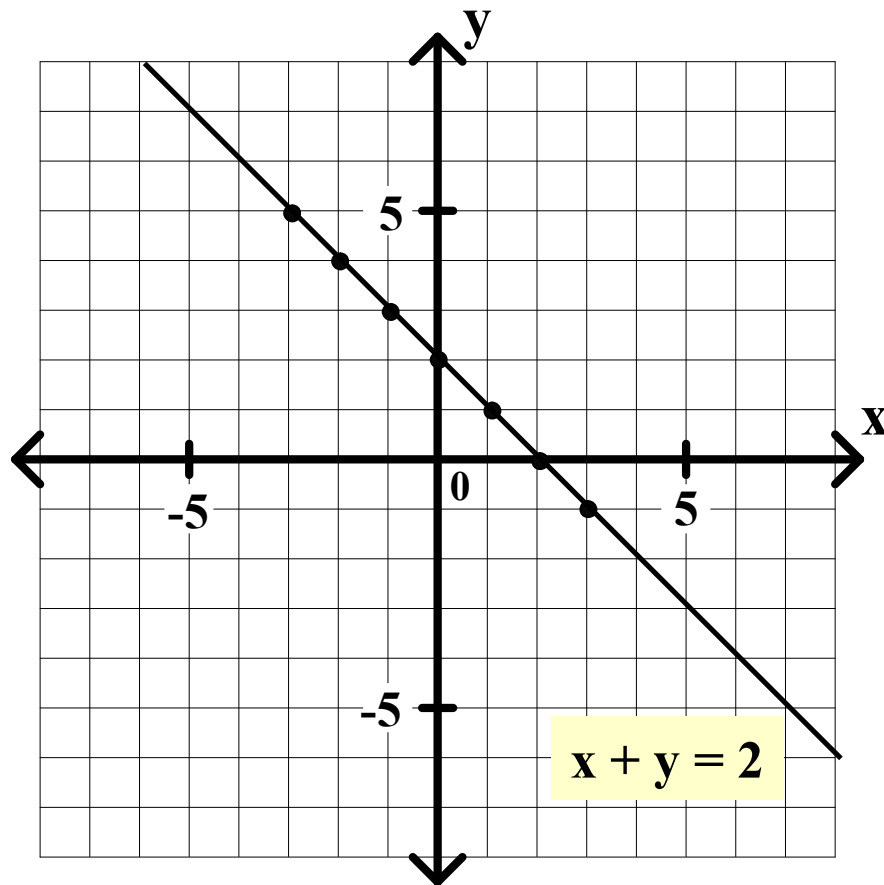
Graph the points.

Step 3:

Draw the line.

Step 4:

Label the graph.



## Algebra I Graphing Linear Equations

2. Graph the equation  $x + y = 2$ .

Step 1:

Fill out an x-y table.

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

Step 2:

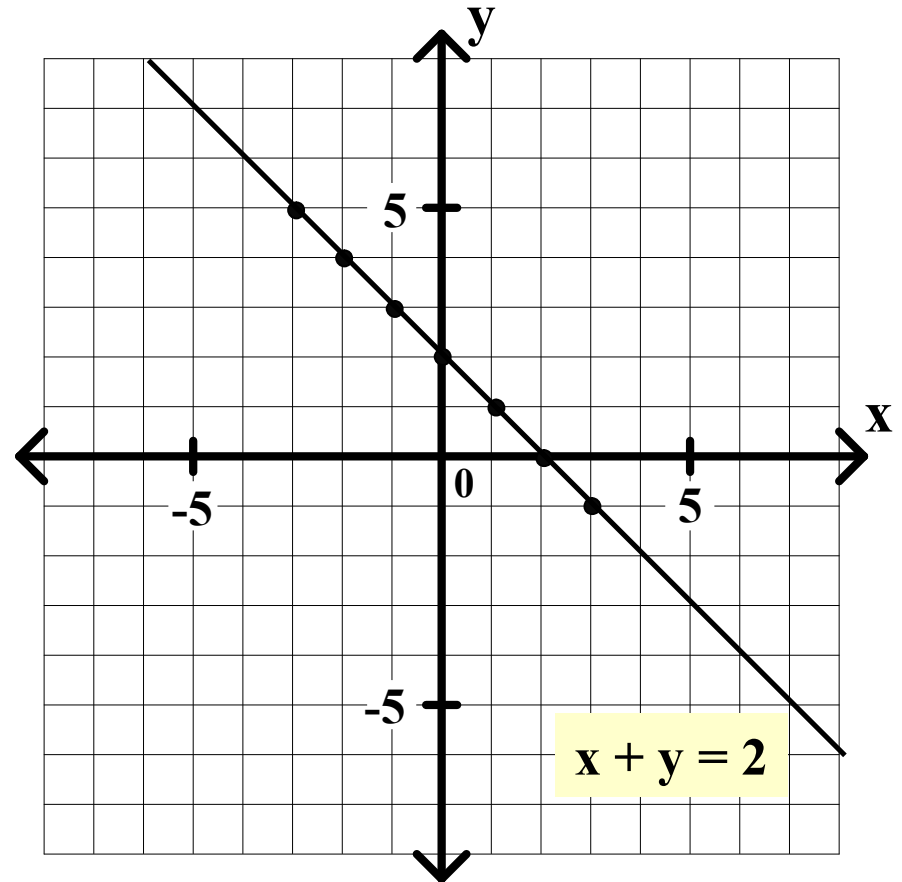
Graph the points.

Step 3:

Draw the line.

Step 4:

Label the graph.



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

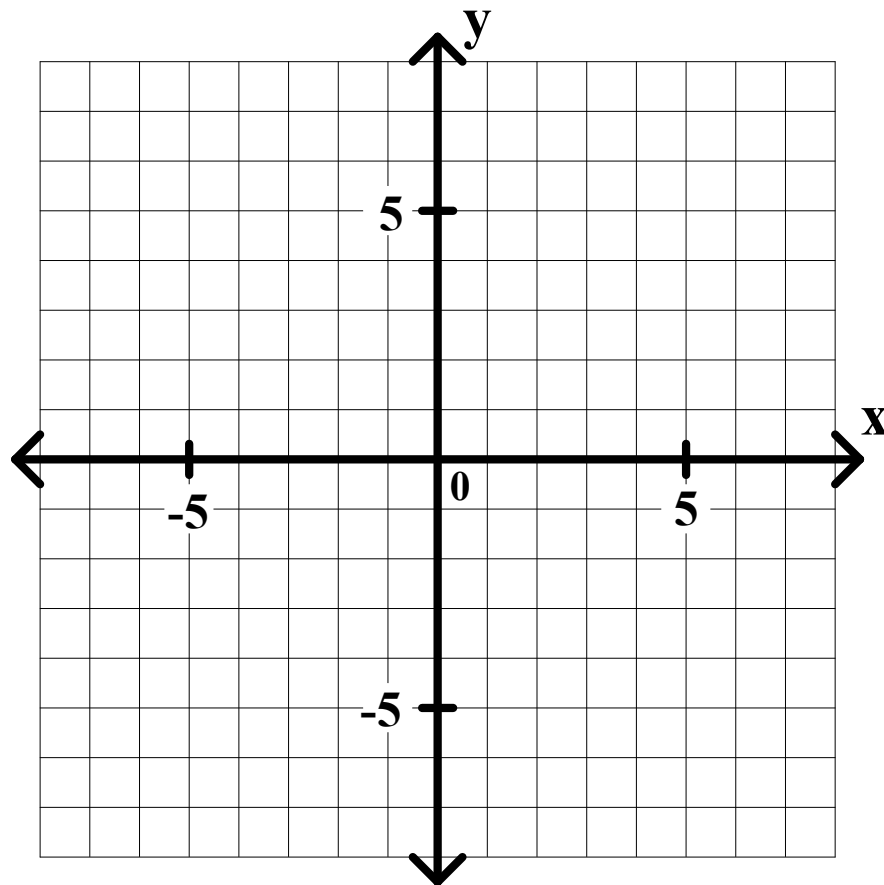
x	y
-3	
-2	
-1	
0	
1	
2	
3	

4.  $y = -2x$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	





## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

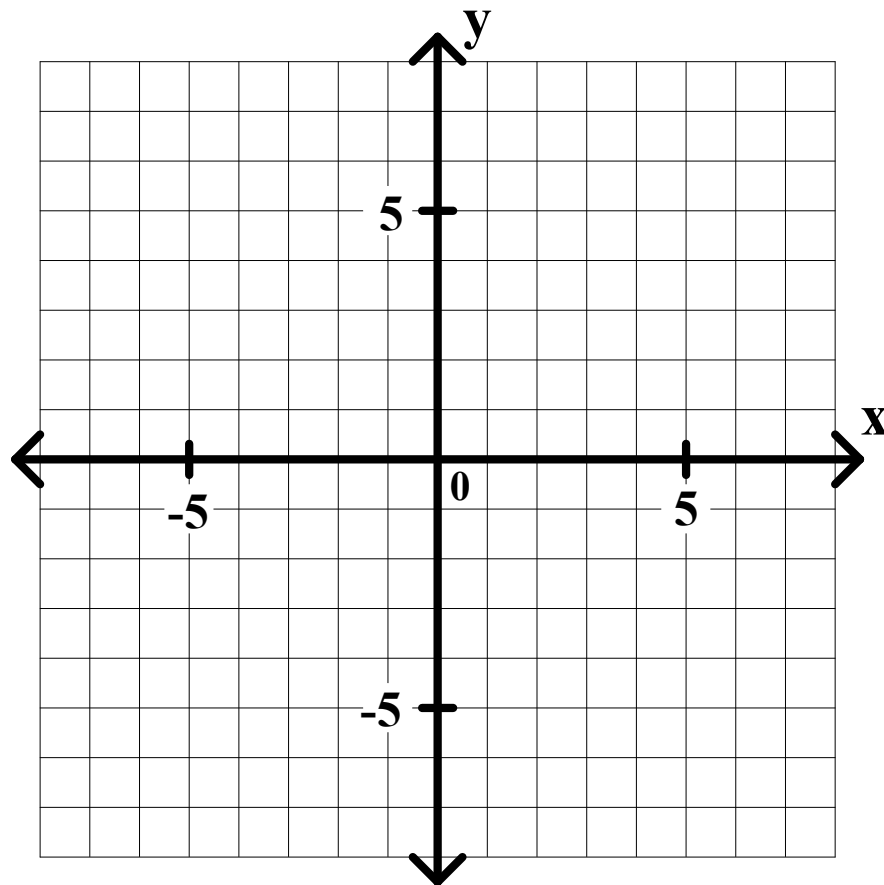
x	y
-3	-9
-2	
-1	
0	
1	
2	
3	

4.  $y = -2x$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

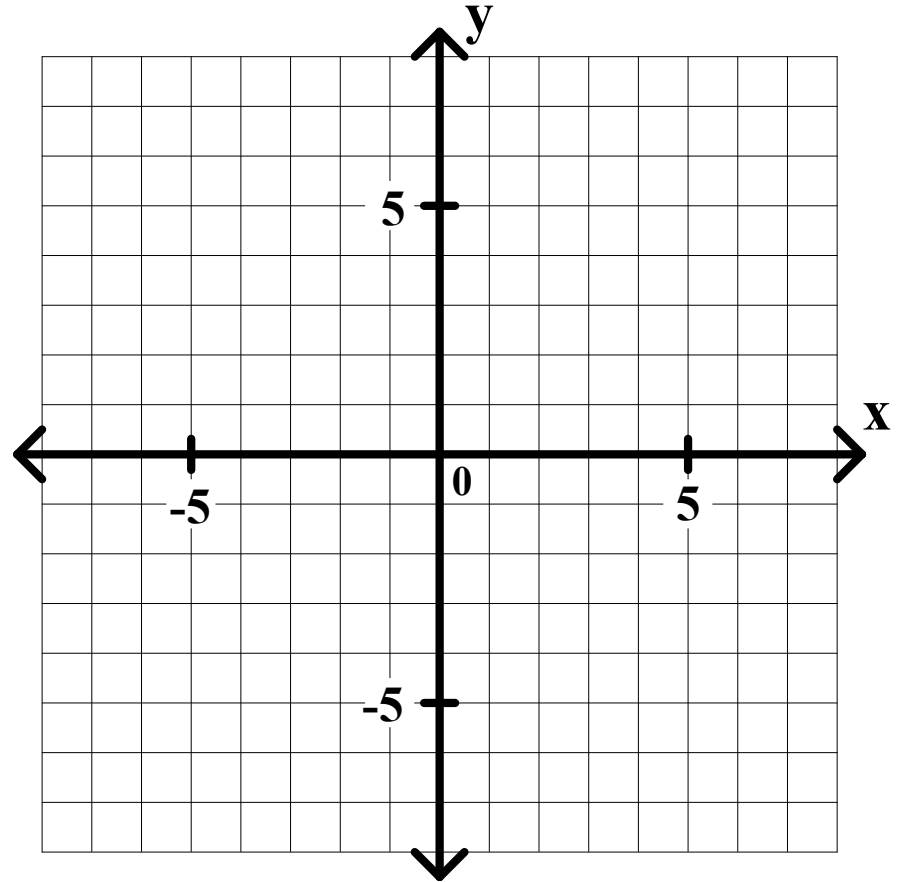
x	y
-3	-9
-2	-6
-1	
0	
1	
2	
3	

4.  $y = -2x$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

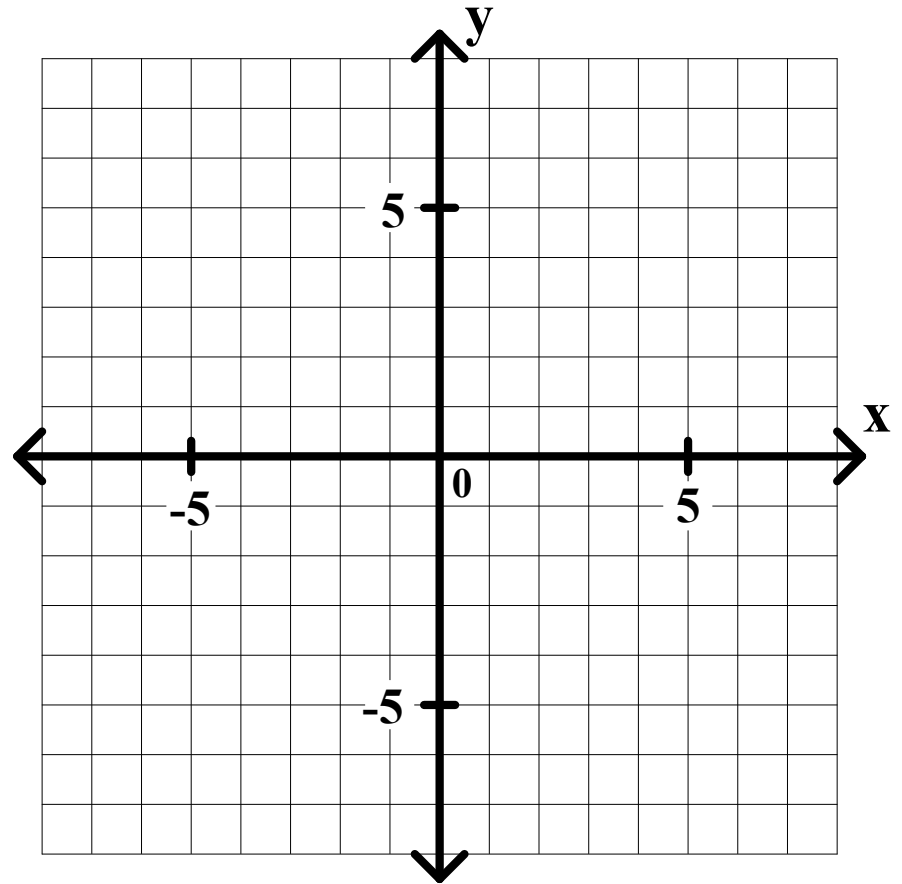
x	y
-3	-9
-2	-6
-1	-3
0	
1	
2	
3	

4.  $y = -2x$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

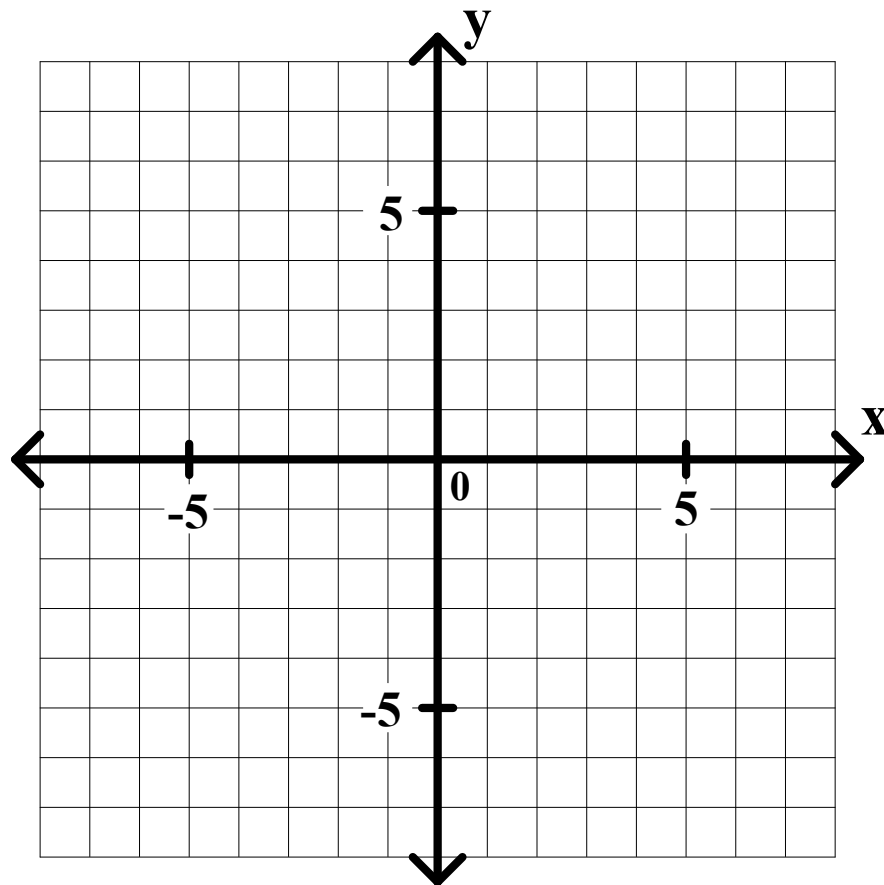
x	y
-3	-9
-2	-6
-1	-3
0	0
1	
2	
3	

4.  $y = -2x$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

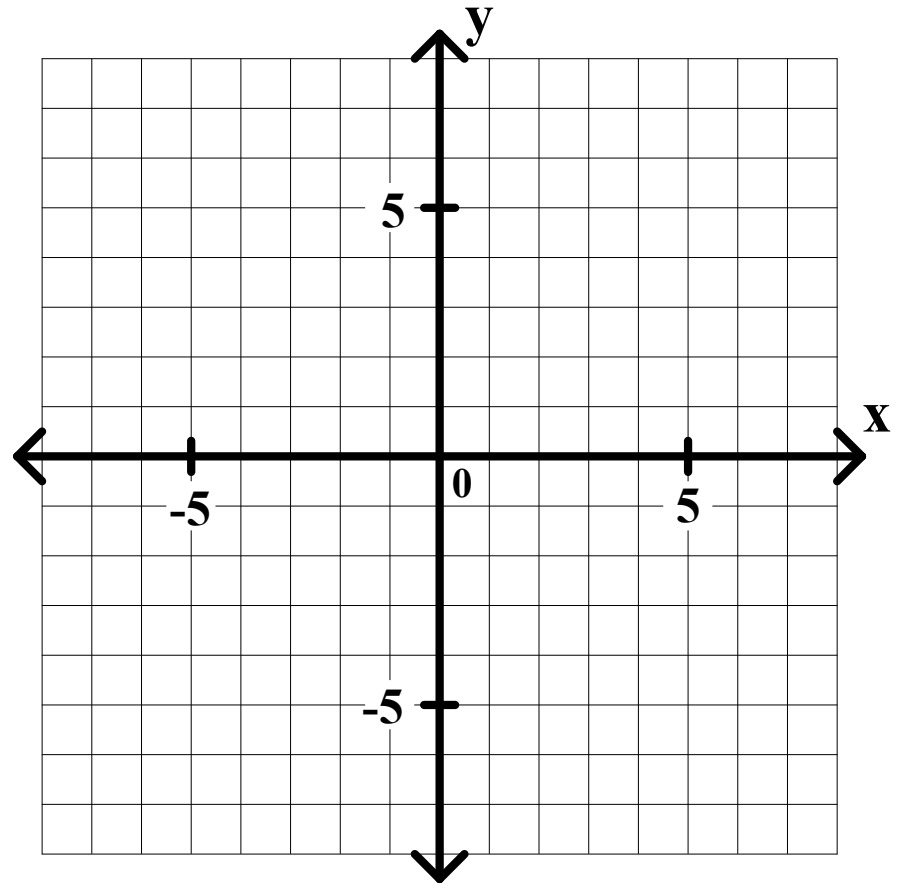
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	
3	

4.  $y = -2x$

x	y
-3	
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-1	
0	
1	
2	
3	

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x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

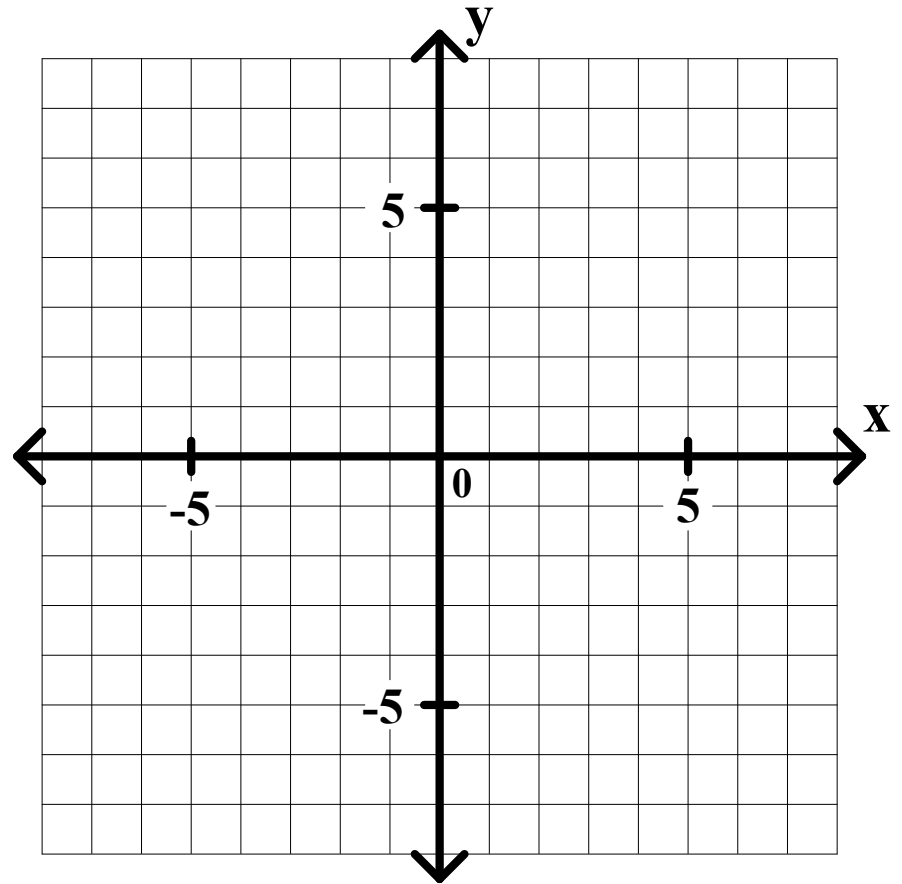
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	

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x	y
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-1	
0	
1	
2	
3	

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x	y
-3	
-2	
-1	
0	
1	
2	
3	



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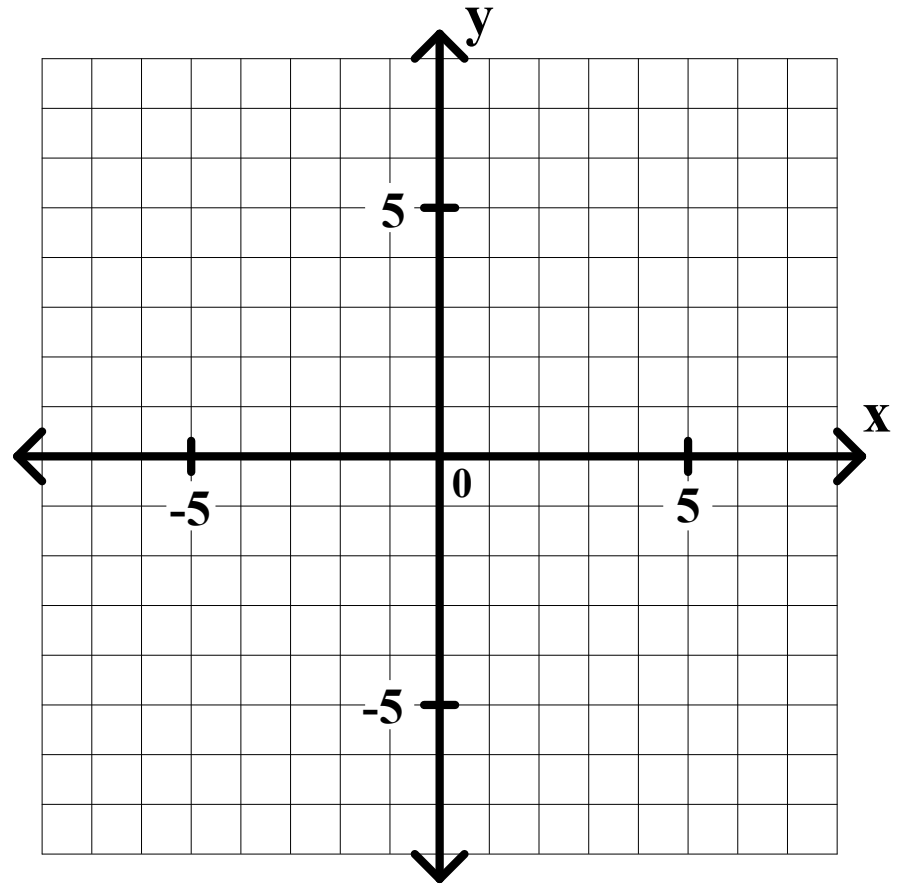
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

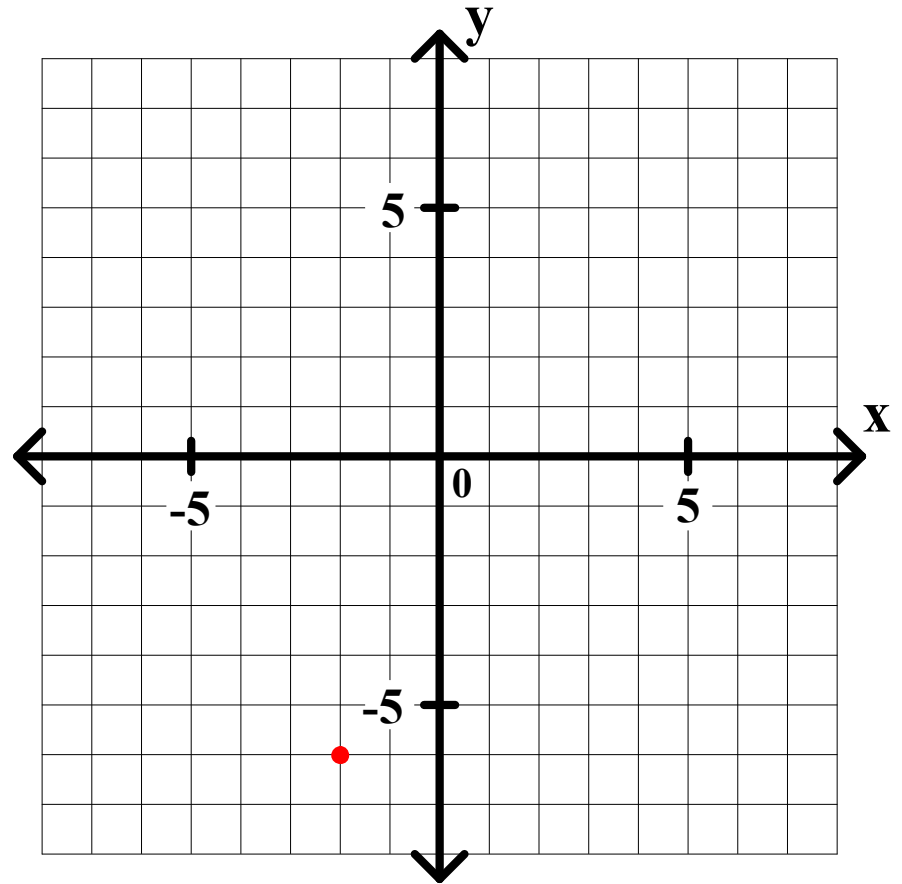
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	





# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

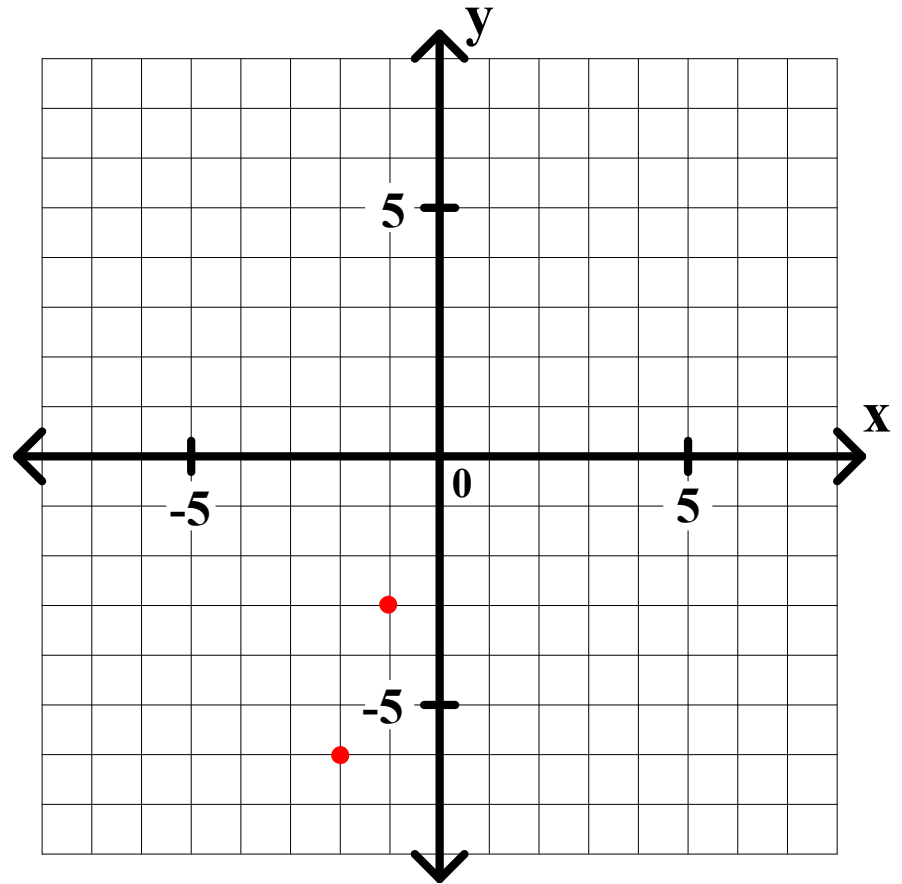
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

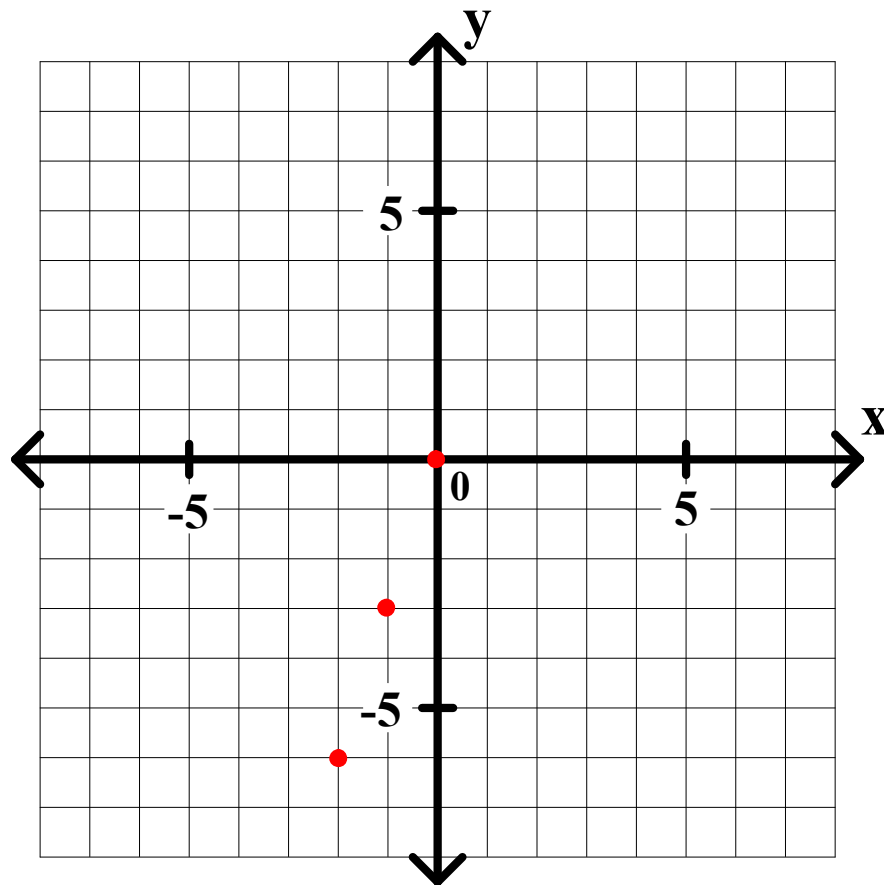
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

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3	

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x	y
-3	
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-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

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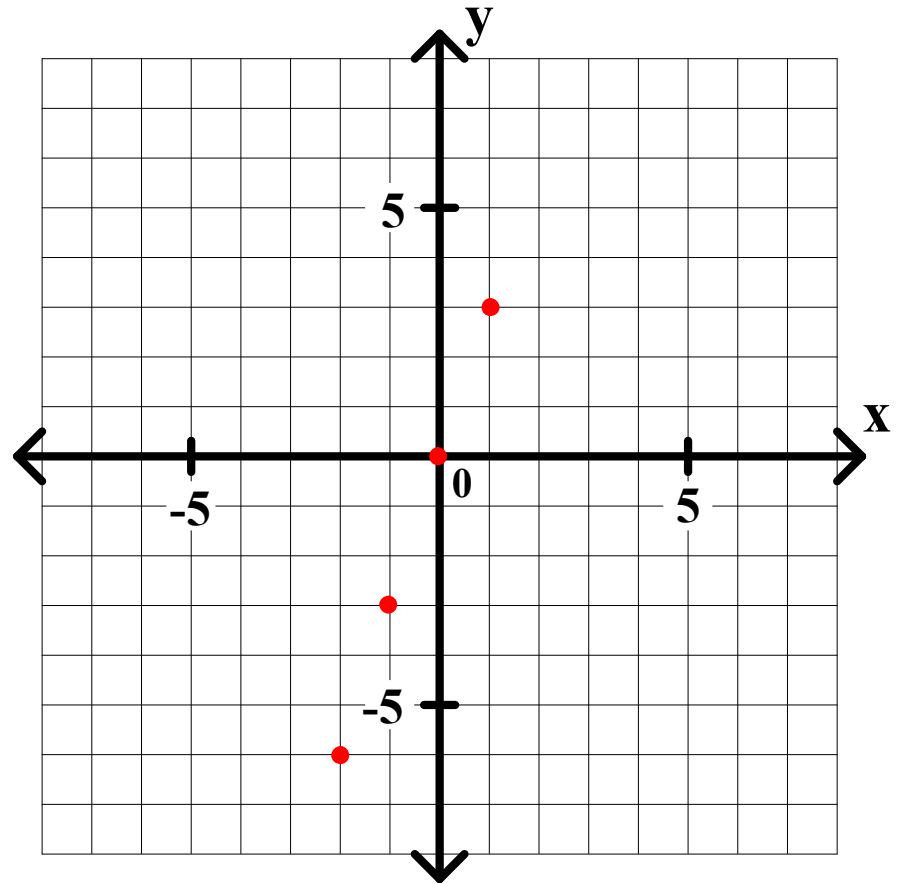
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

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1	
2	
3	

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x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

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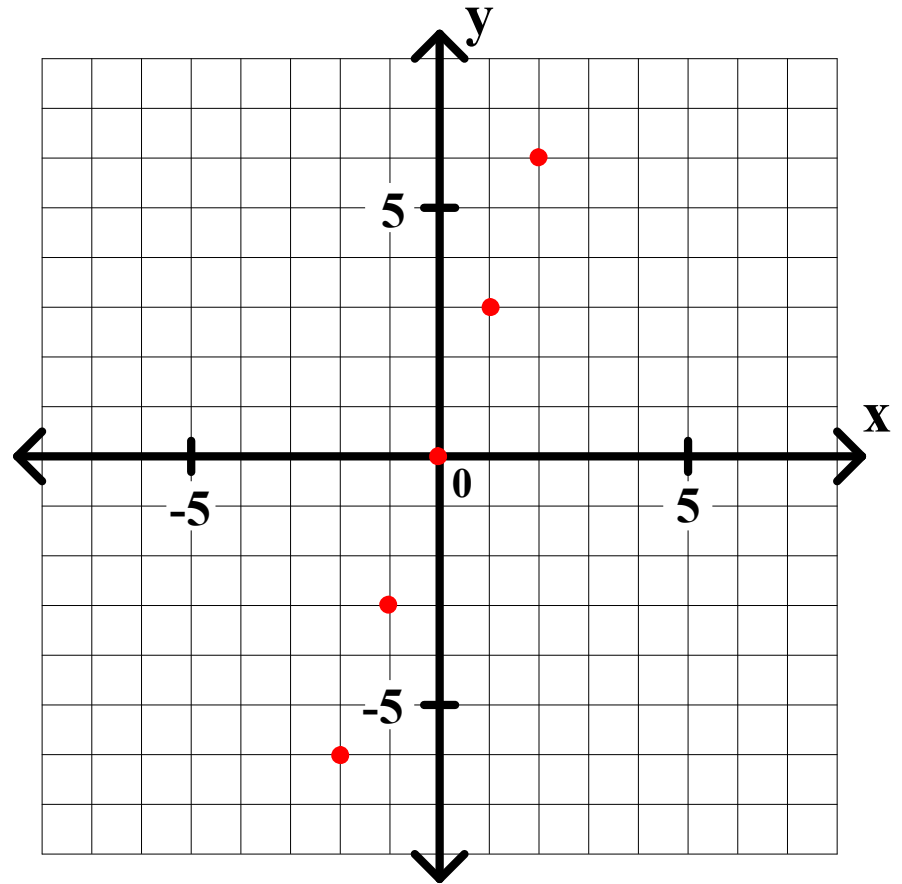
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
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-1	
0	
1	
2	
3	

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x	y
-3	
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-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

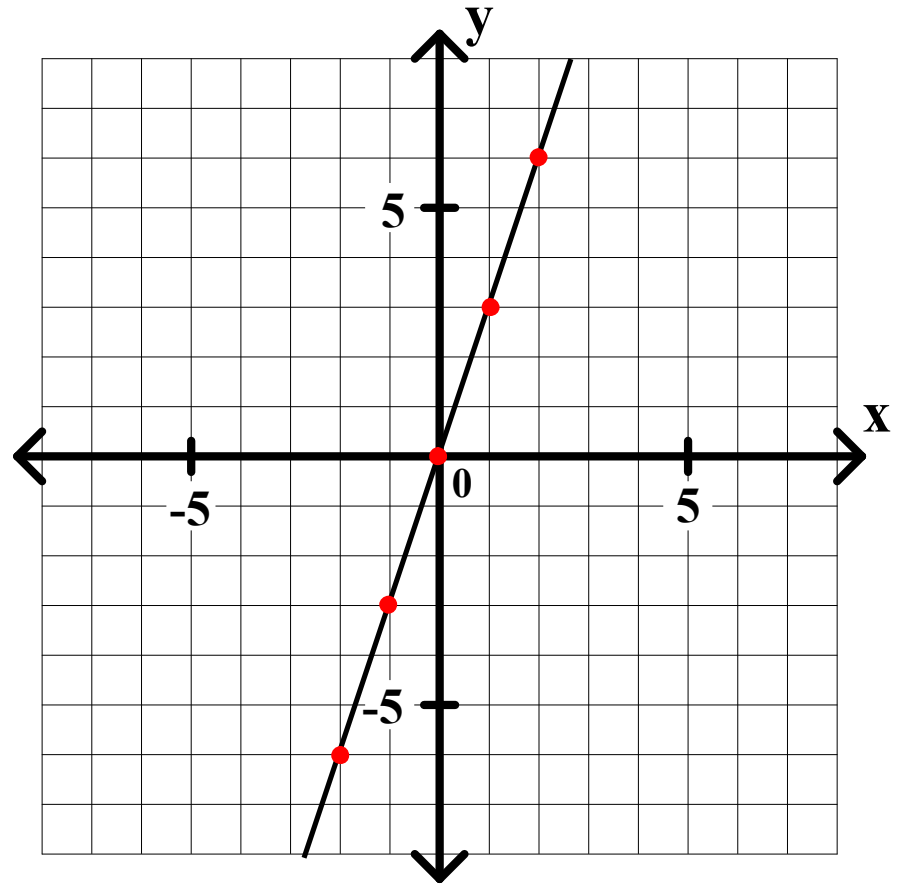
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

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x	y
-3	
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2	
3	



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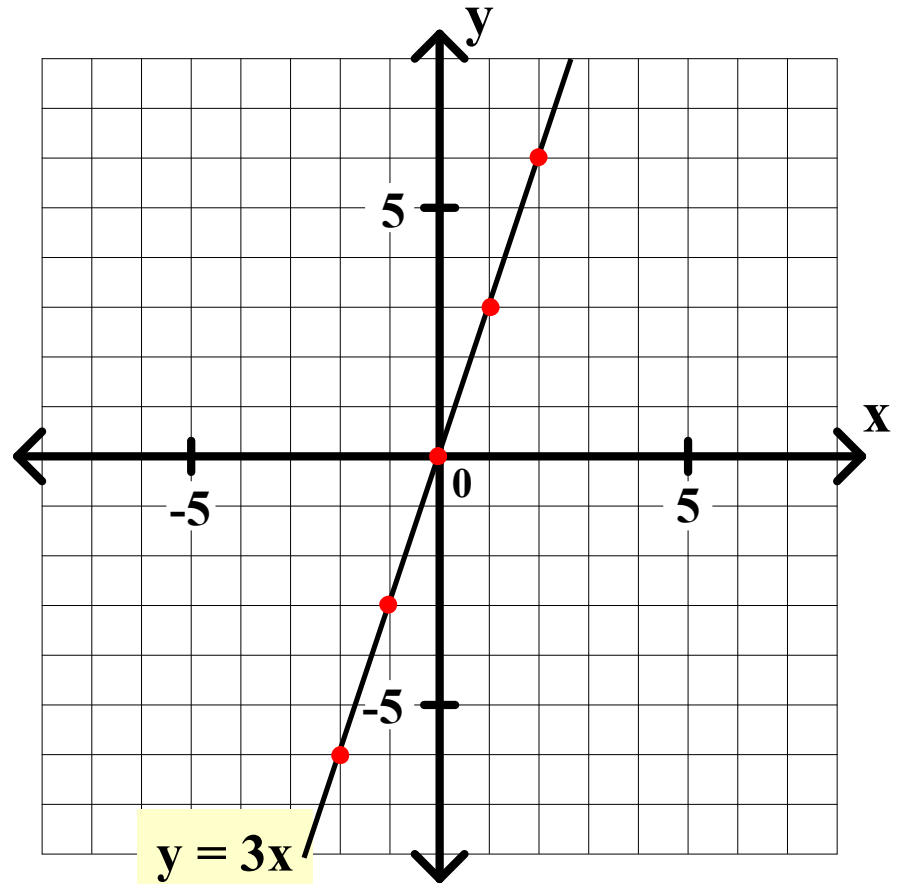
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

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-1	
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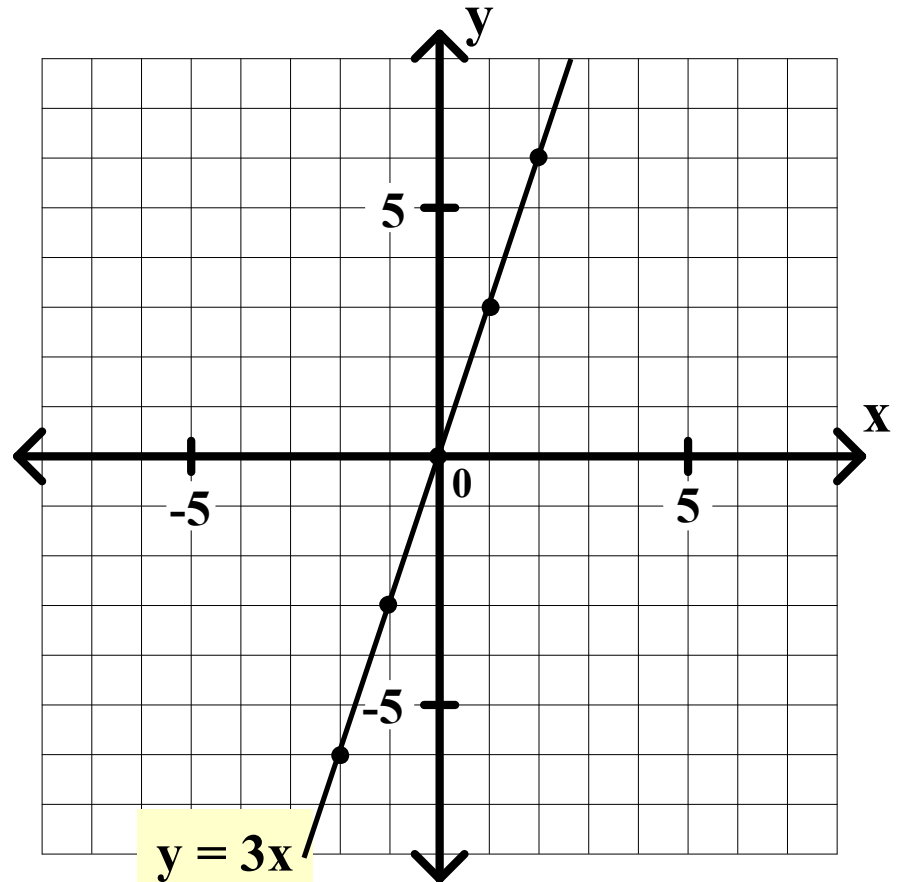
x	y
-3	-9
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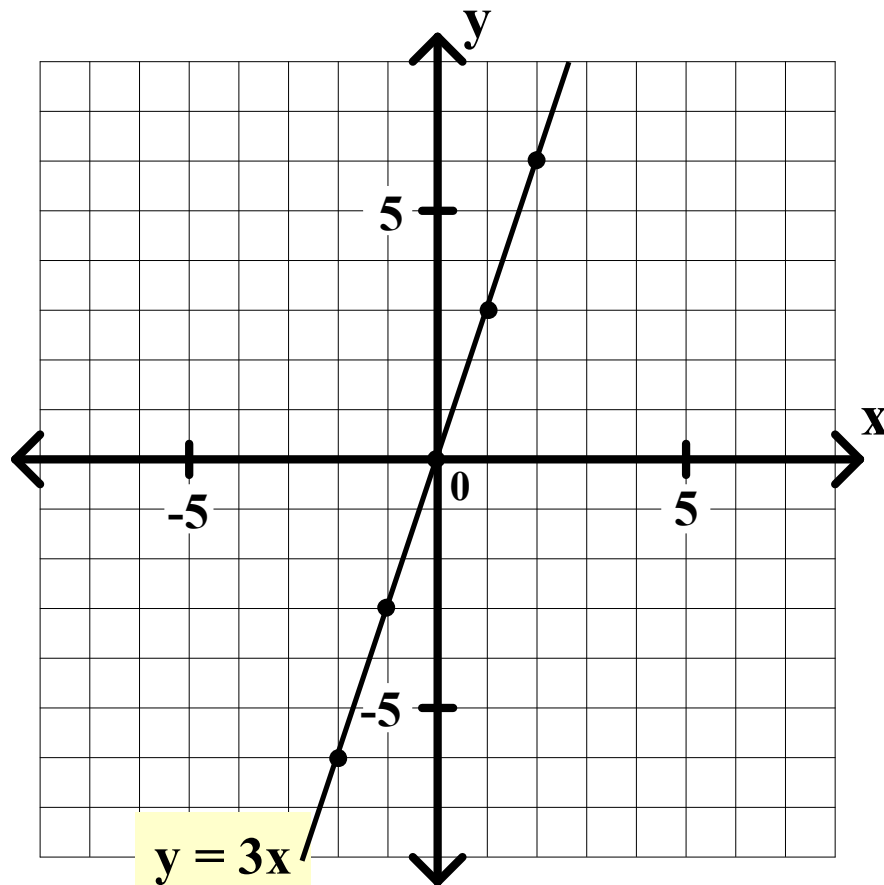
x	y
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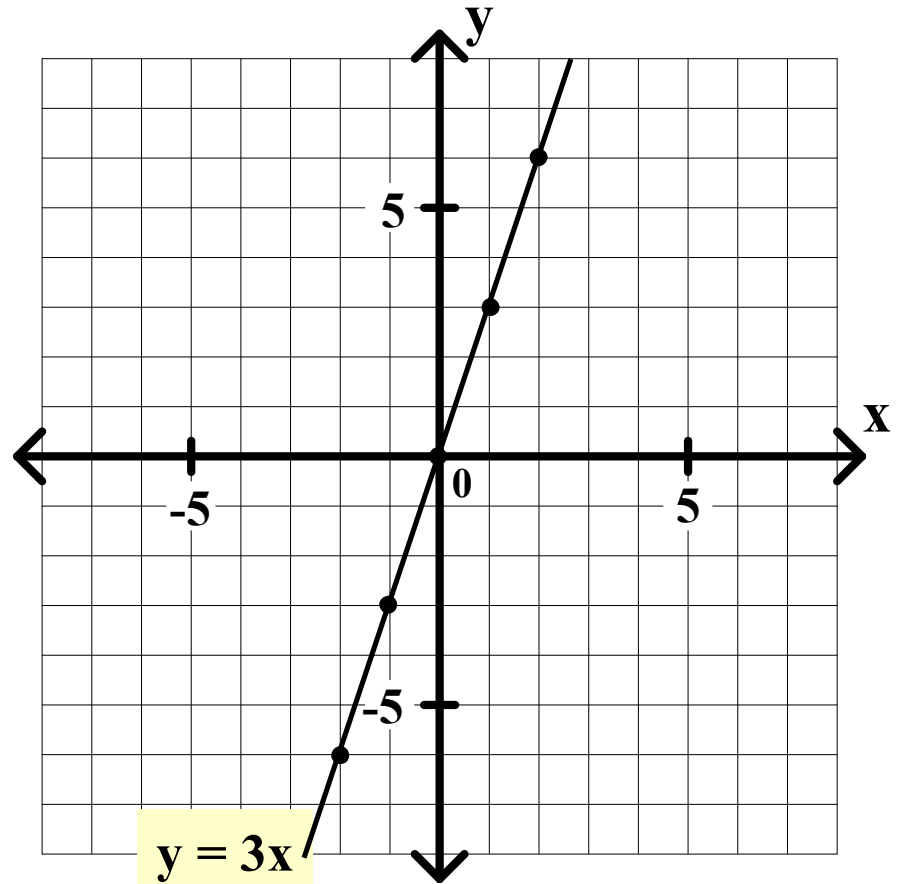
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-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	
0	
1	
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

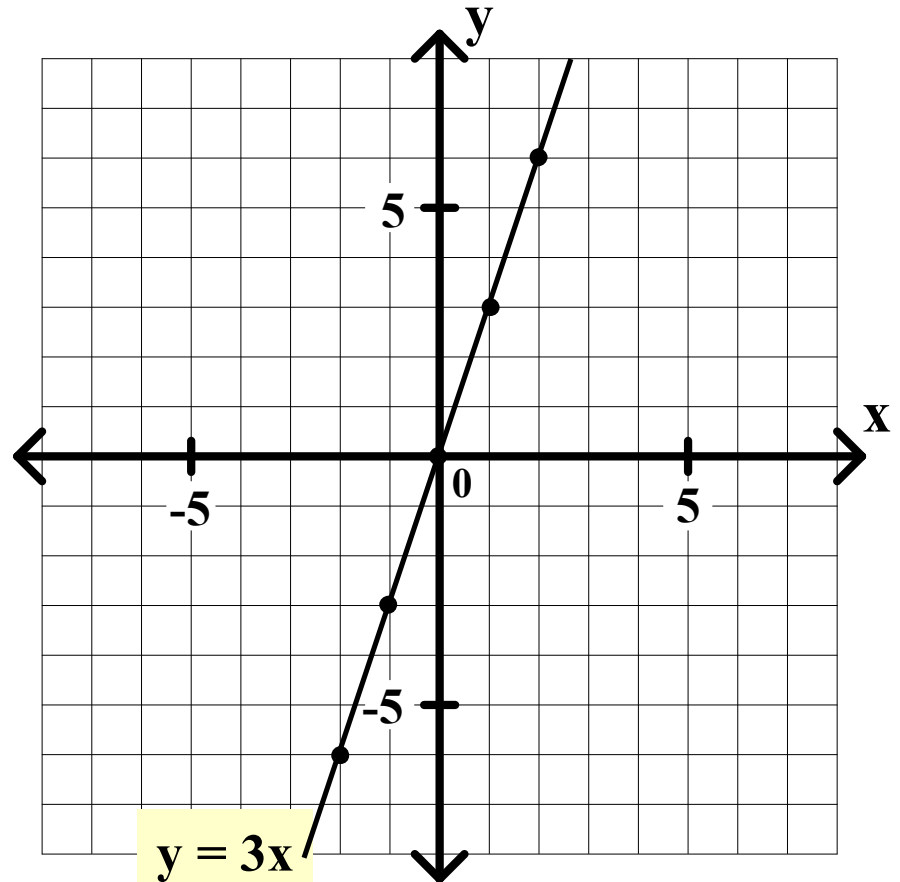
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	
1	
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

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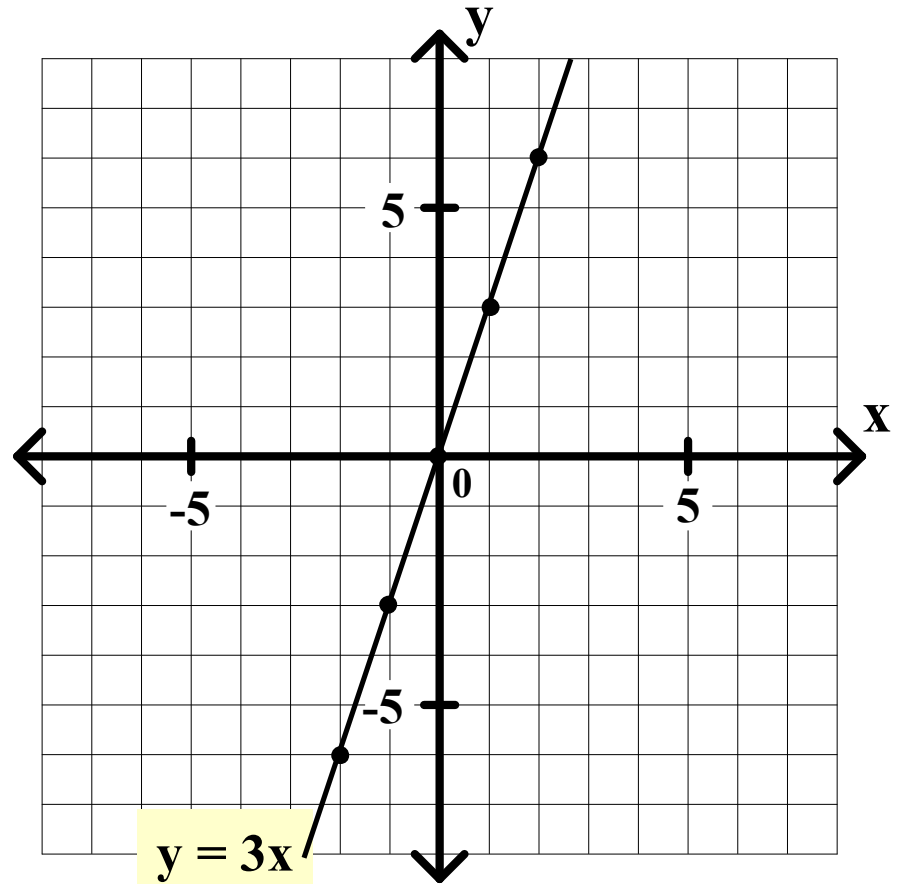
x	y
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-2	-6
-1	-3
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2	6
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0	0
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2	
3	

5.  $x + y = 5$

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-3	
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-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

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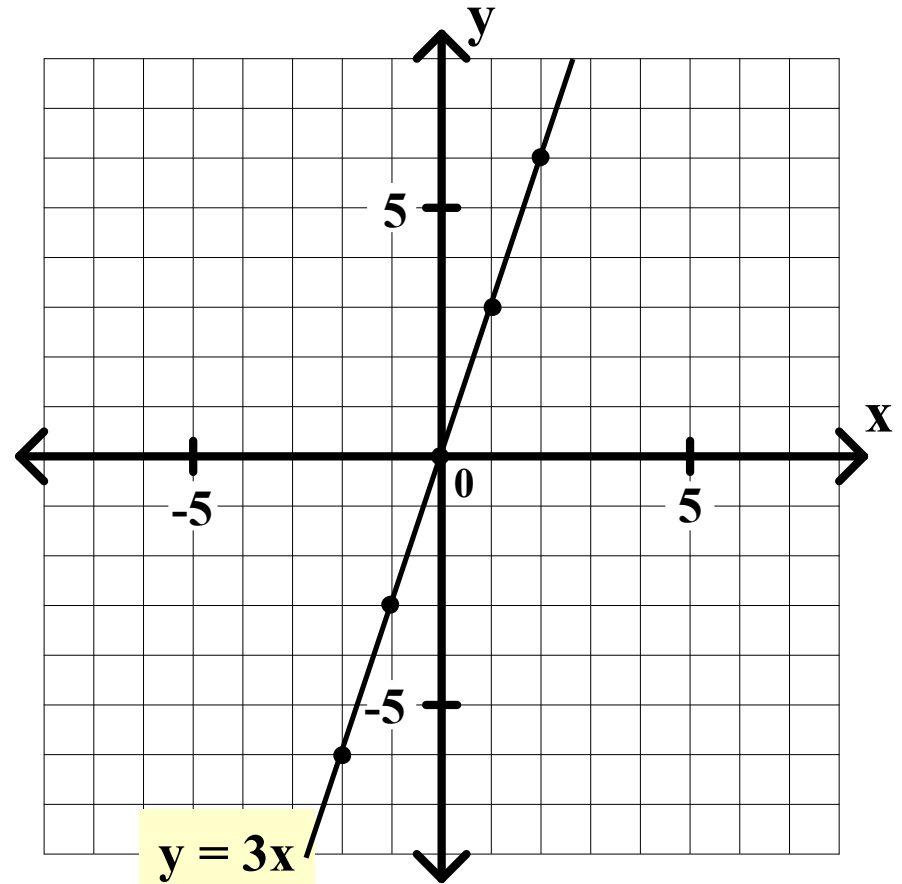
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	0
1	-2
2	
3	

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

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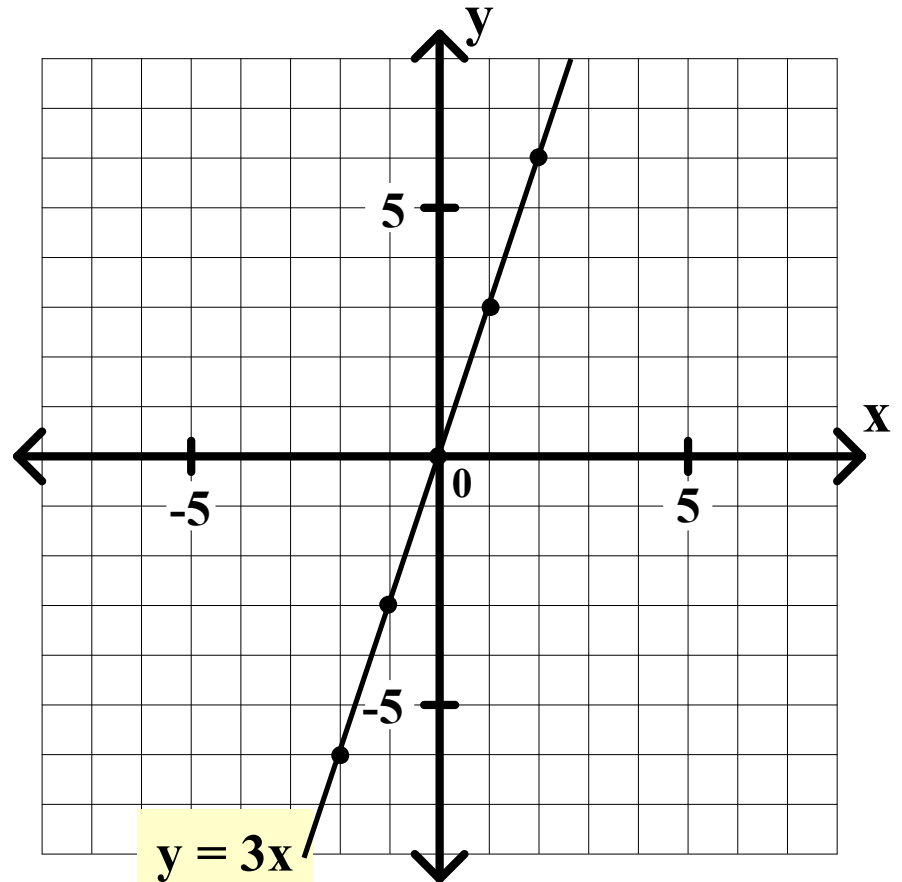
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	0
1	-2
2	-4
3	

5.  $x + y = 5$

x	y
-3	
-2	
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0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

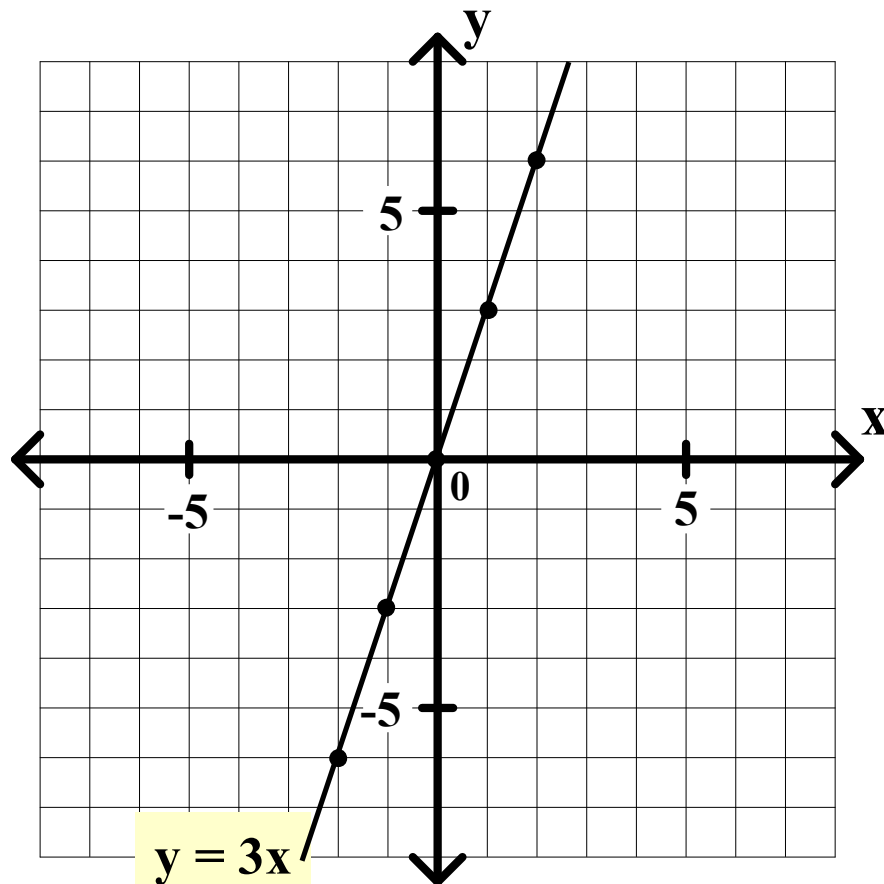
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

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x	y
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-1	2
0	0
1	-2
2	-4
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5.  $x + y = 5$

x	y
-3	
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0	
1	
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3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

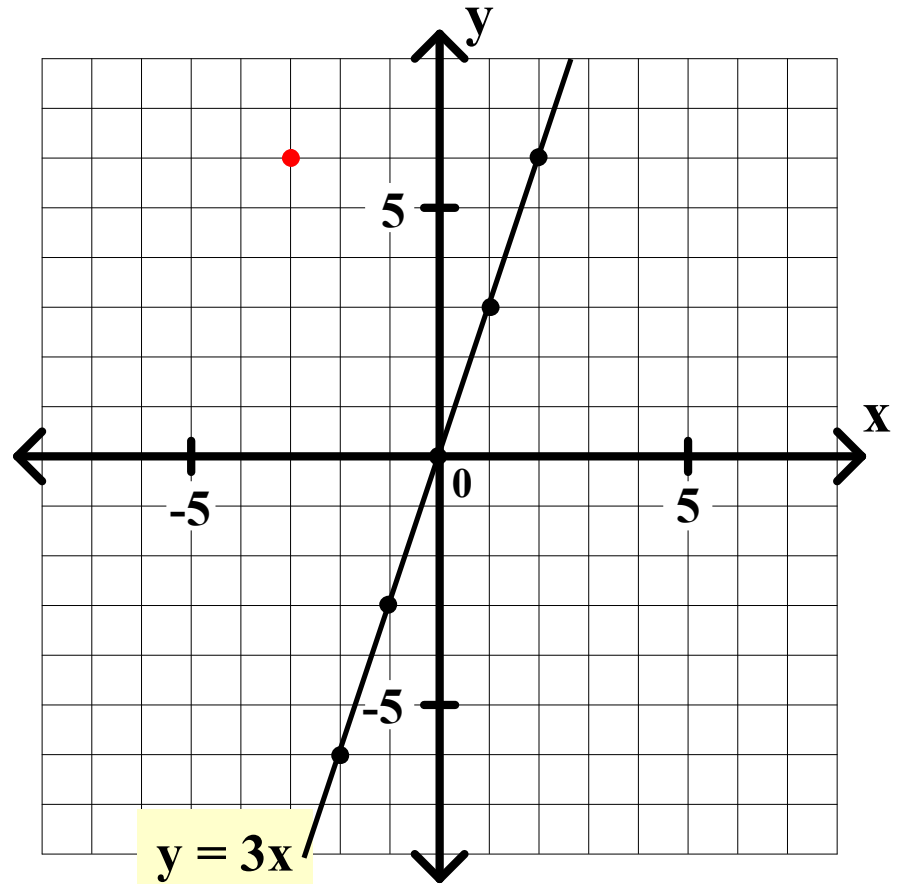
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

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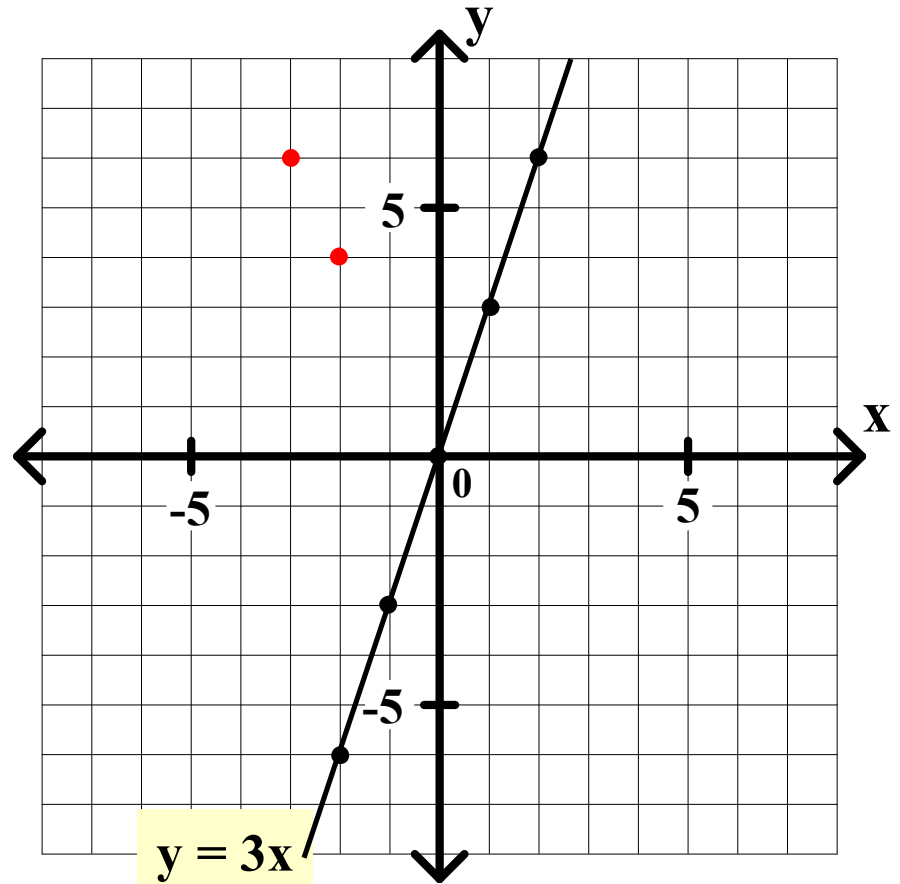
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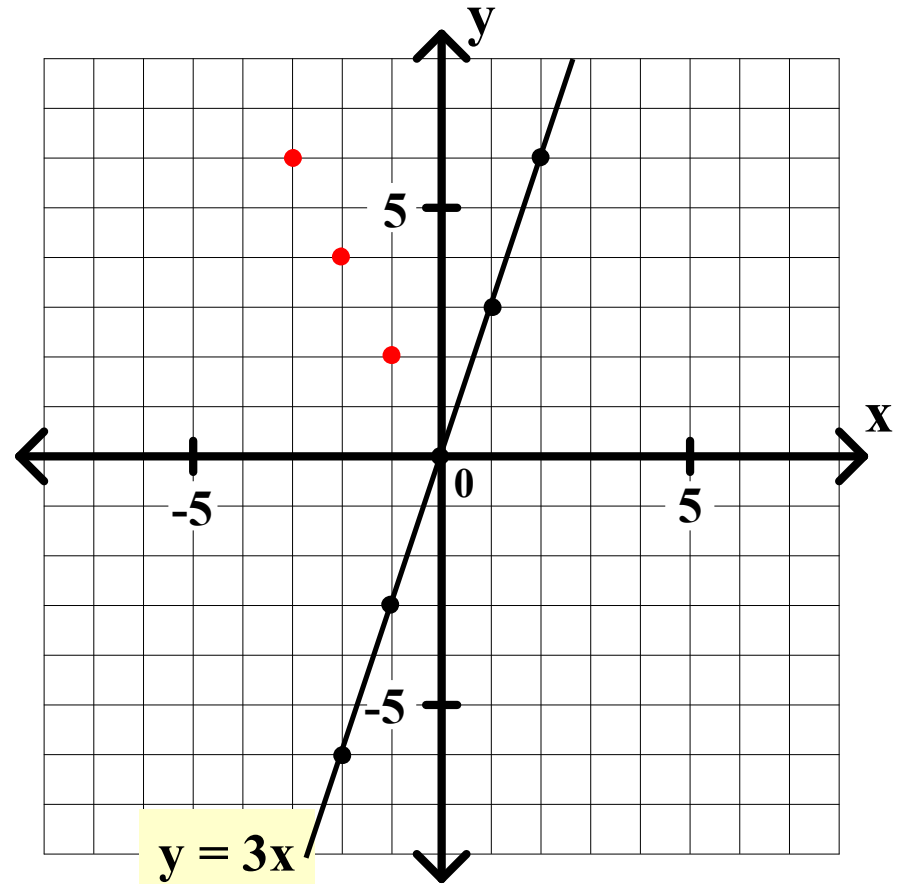
x	y
-3	-9
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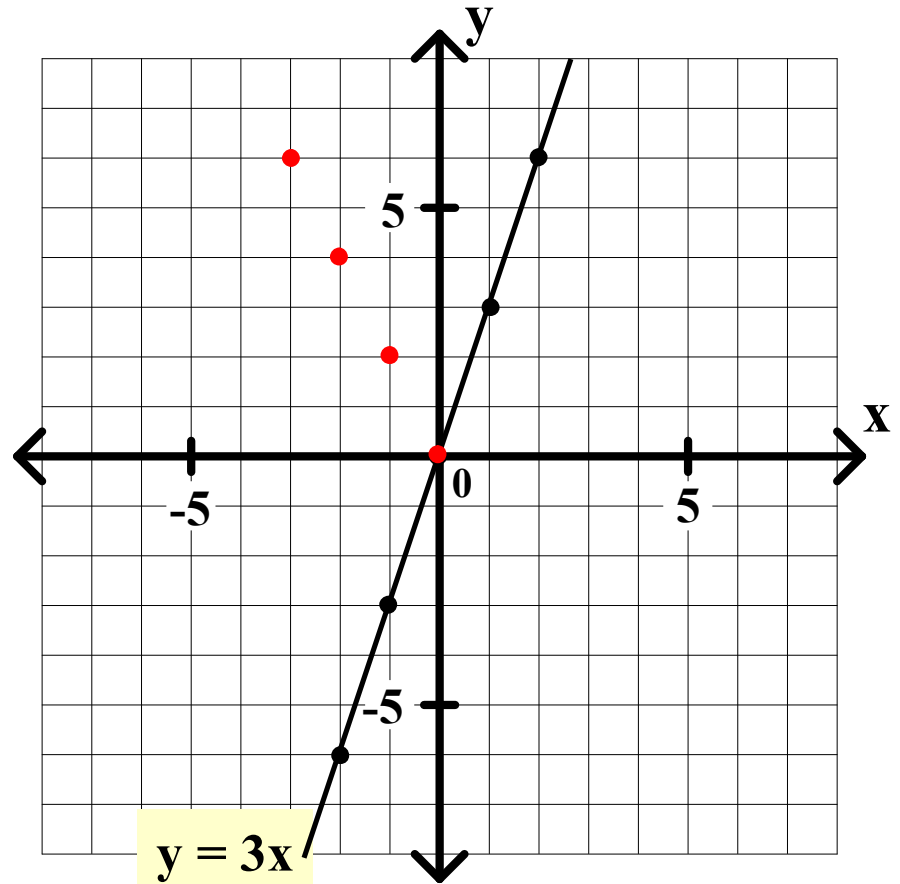
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

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-2	4
-1	2
0	0
1	-2
2	-4
3	-6

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x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

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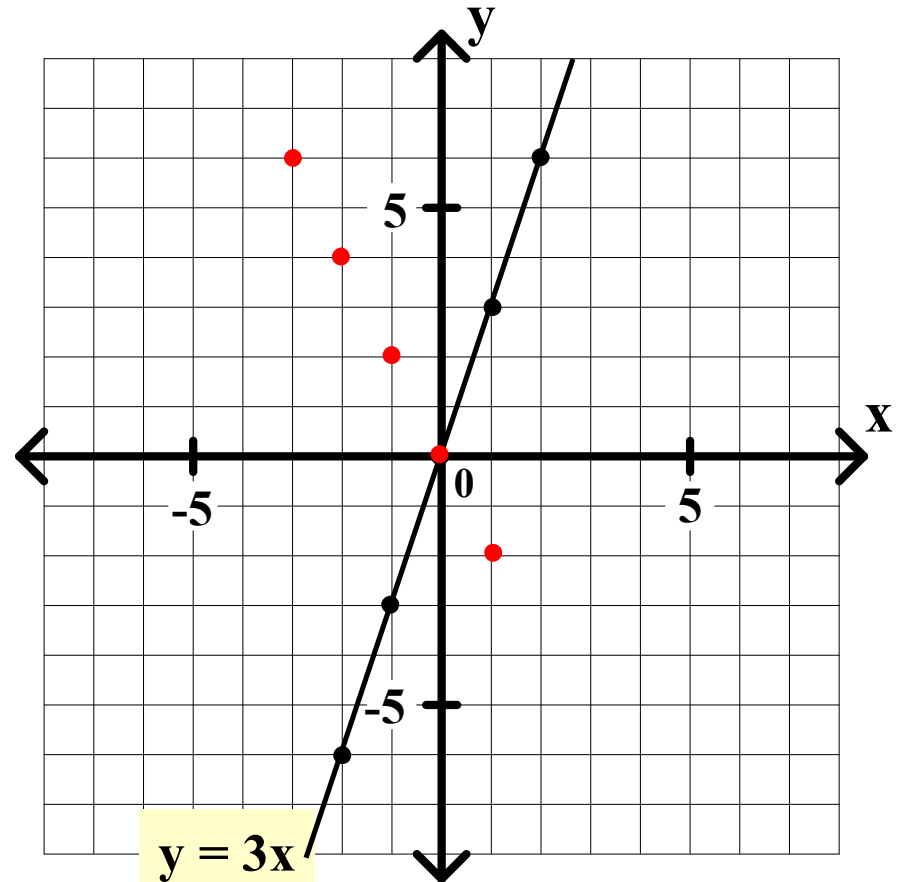
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2	6
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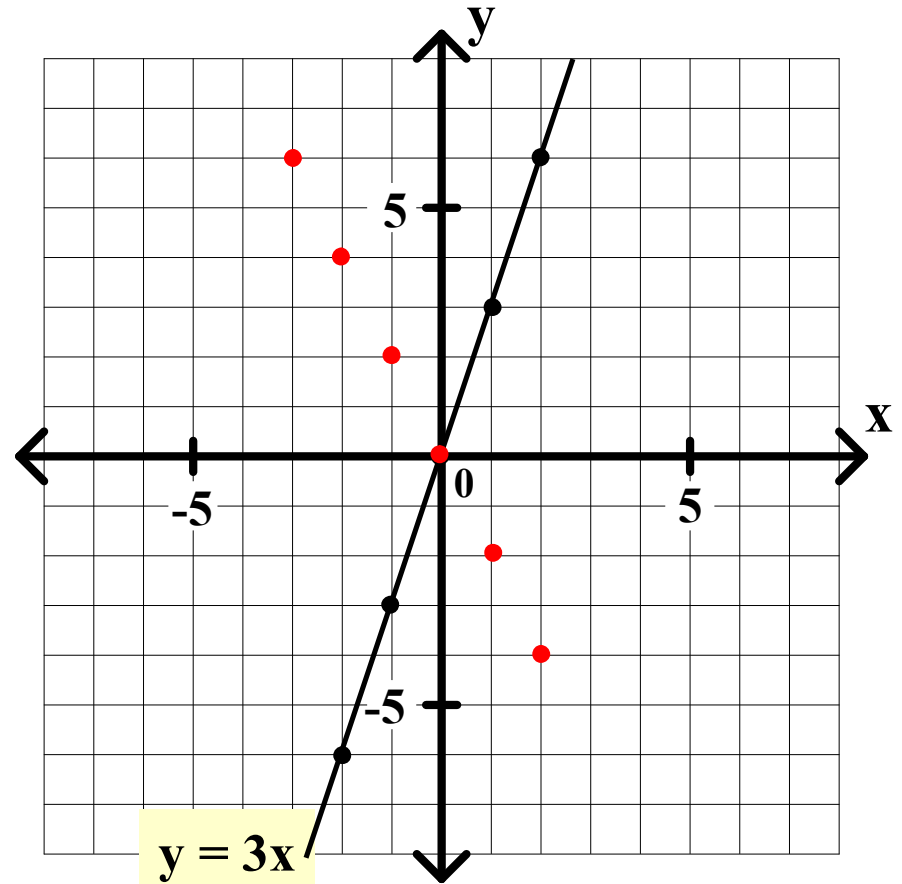
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3.  $y = 3x$

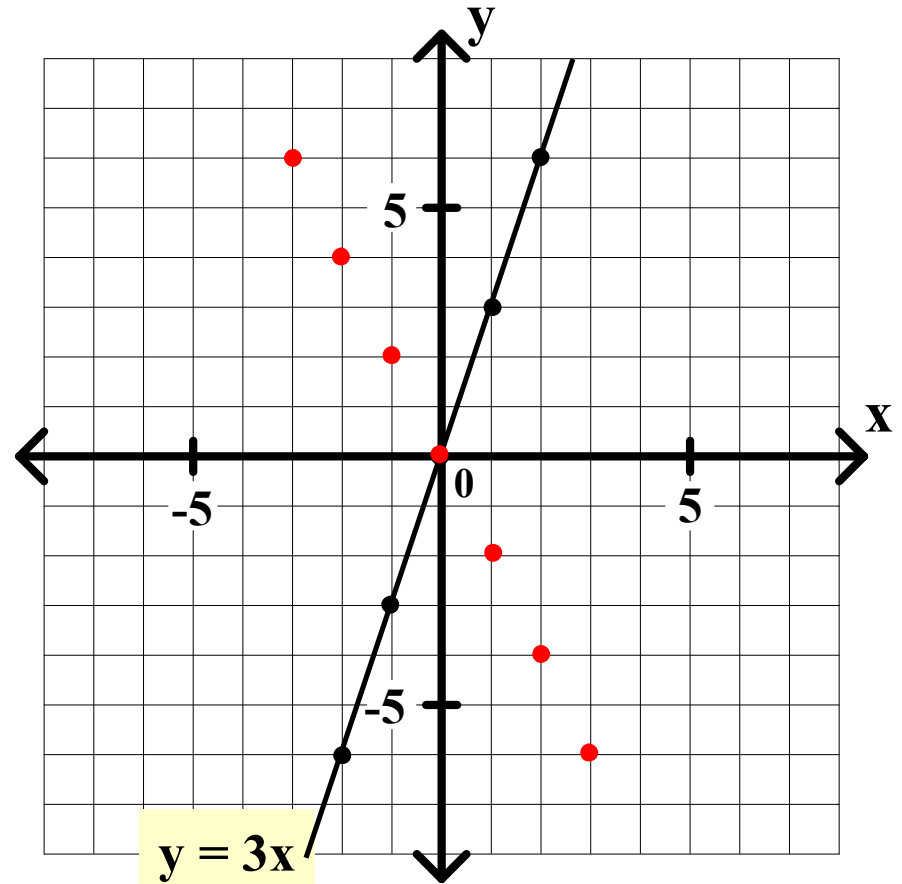
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	0
1	-2
2	-4
3	-6

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

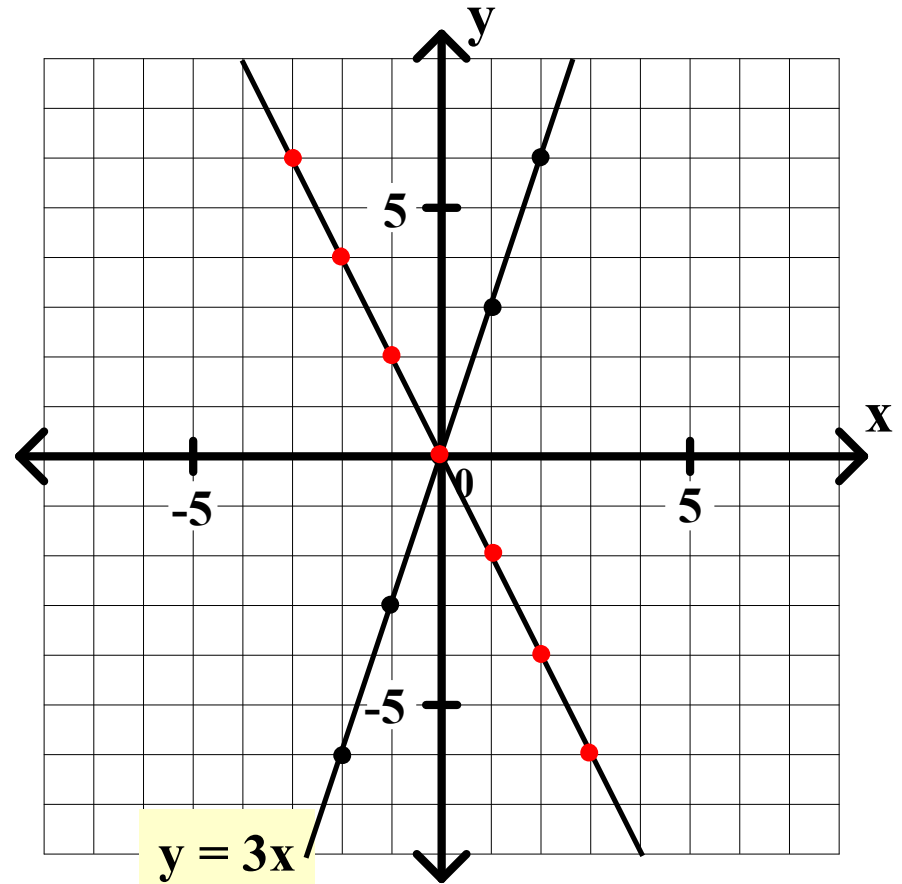
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	0
1	-2
2	-4
3	-6

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

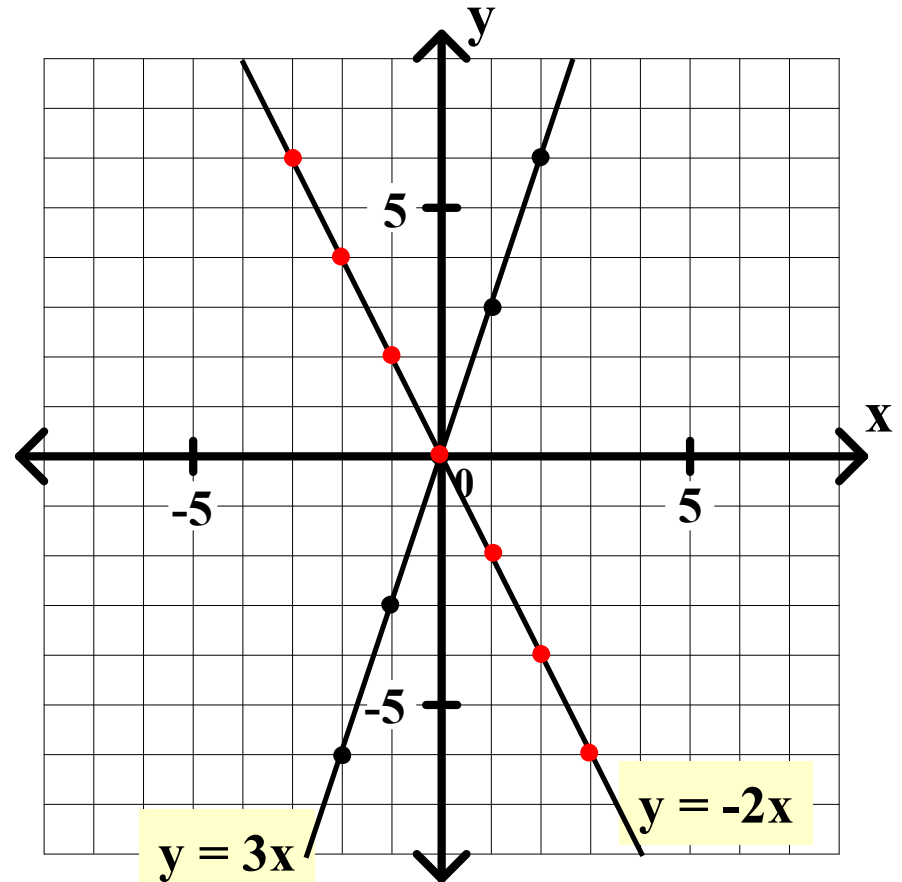
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	0
1	-2
2	-4
3	-6

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

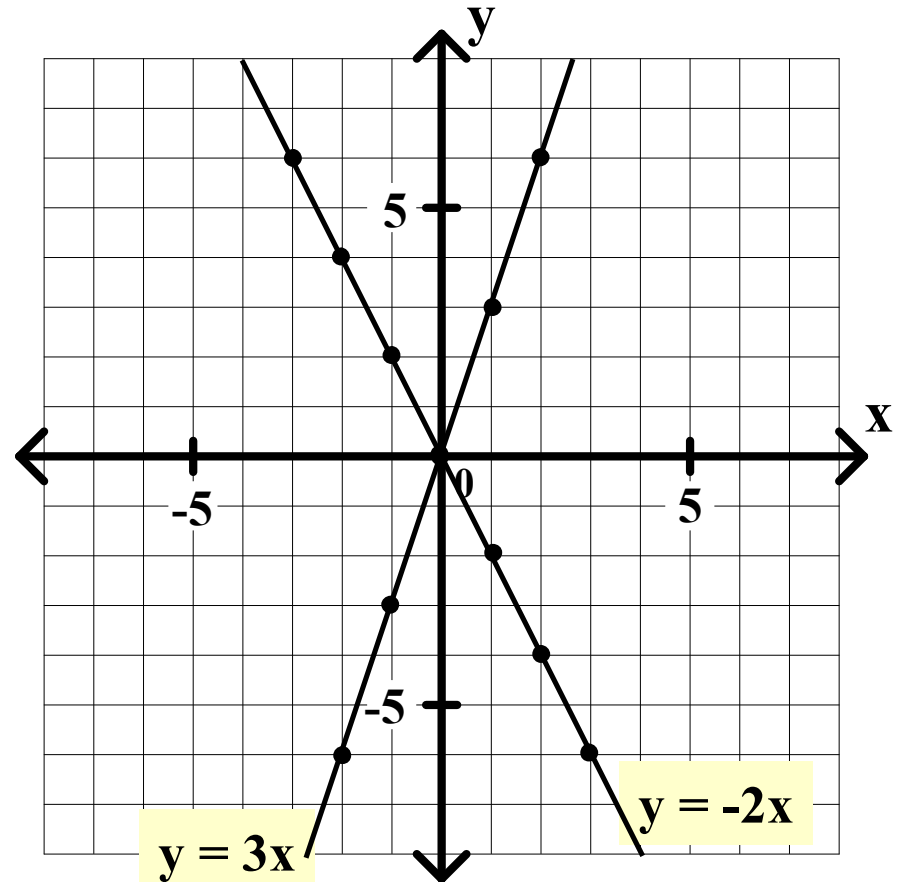
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	0
1	-2
2	-4
3	-6

5.  $x + y = 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	





## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

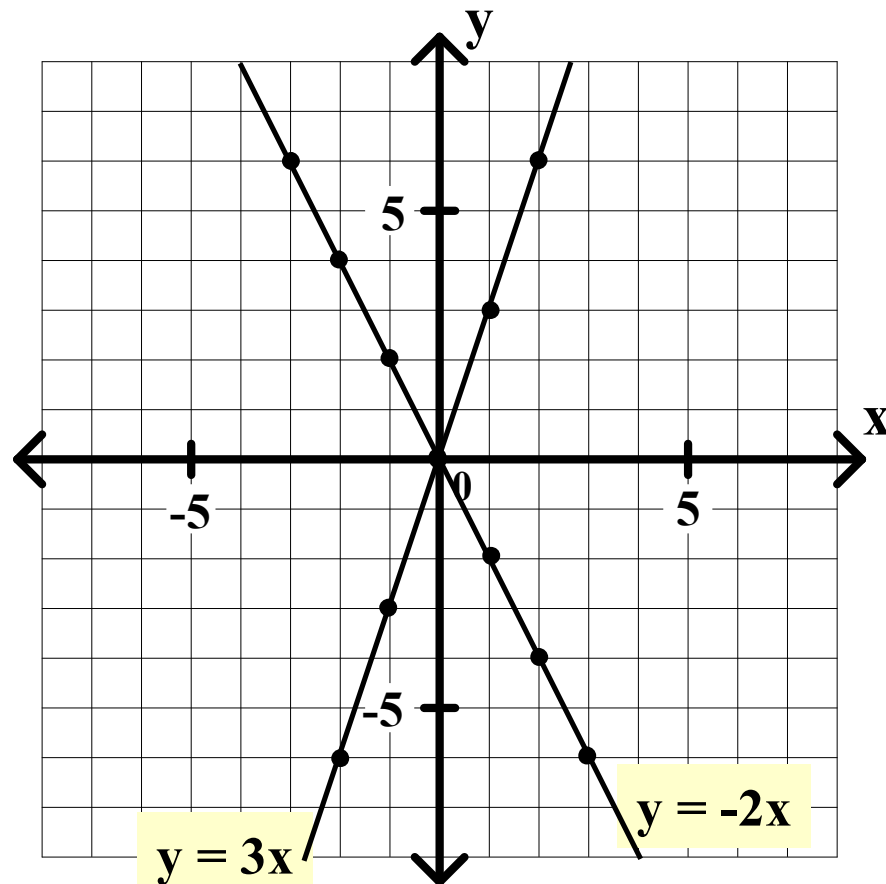
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	0
1	-2
2	-4
3	-6

5.  $x + y = 5$

x	y
-3	8
-2	
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

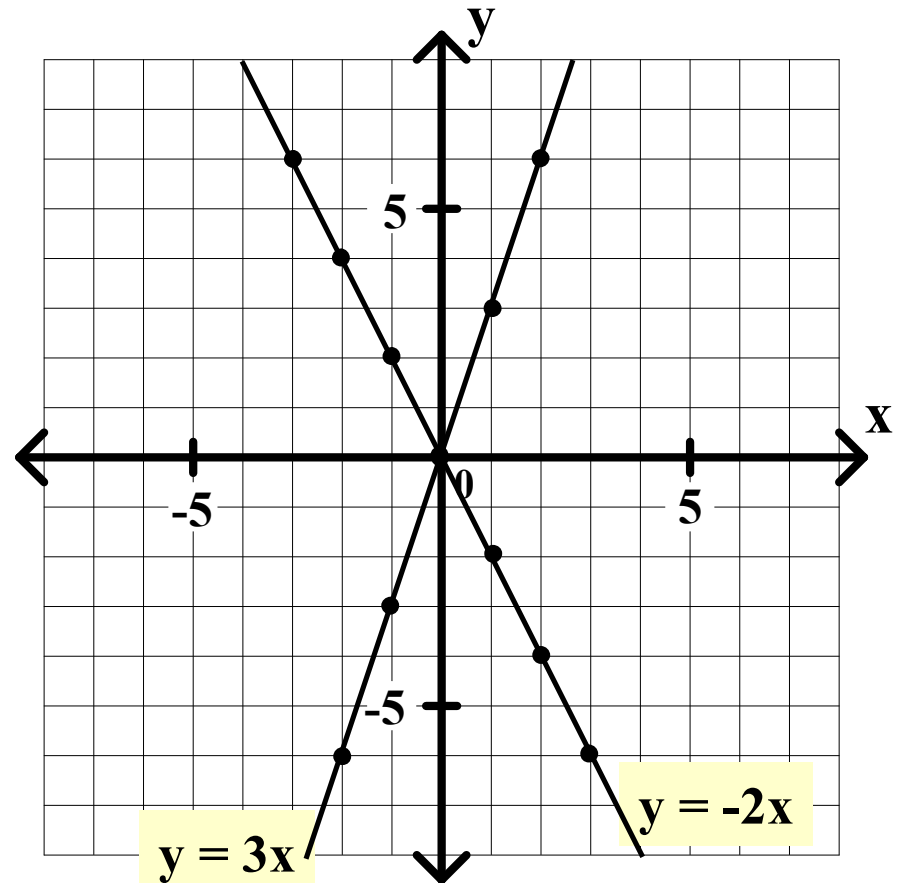
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	0
1	-2
2	-4
3	-6

5.  $x + y = 5$

x	y
-3	8
-2	7
-1	
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

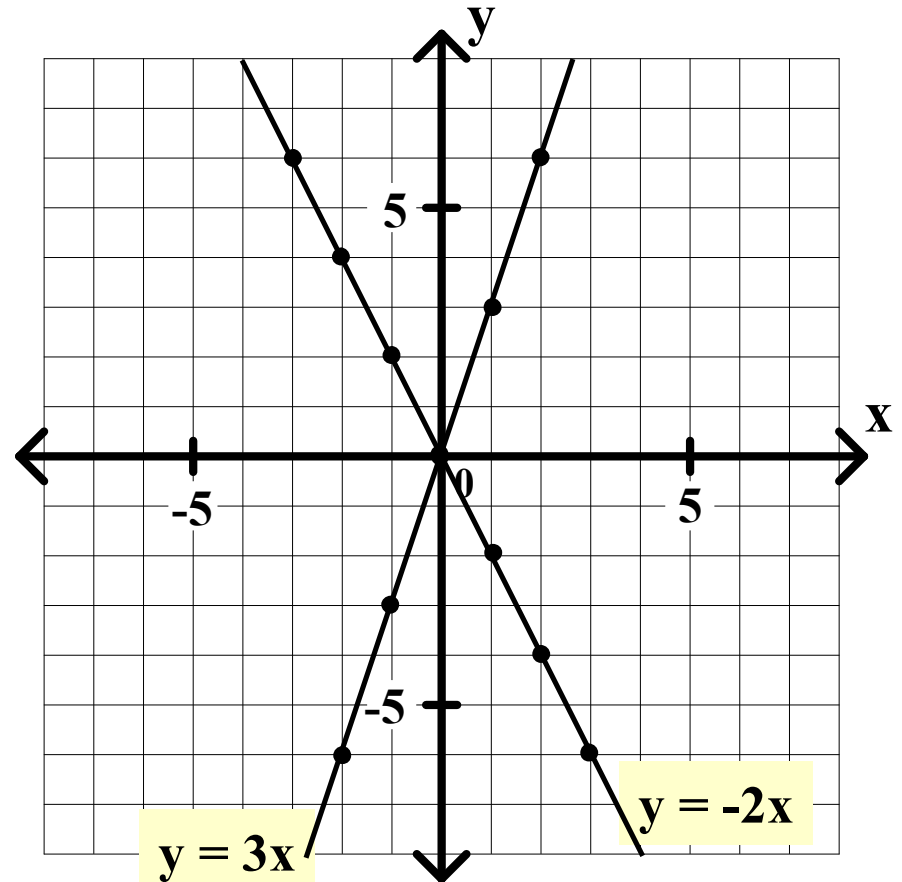
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2	6
3	9

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-3	6
-2	4
-1	2
0	0
1	-2
2	-4
3	-6

5.  $x + y = 5$

x	y
-3	8
-2	7
-1	6
0	
1	
2	
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

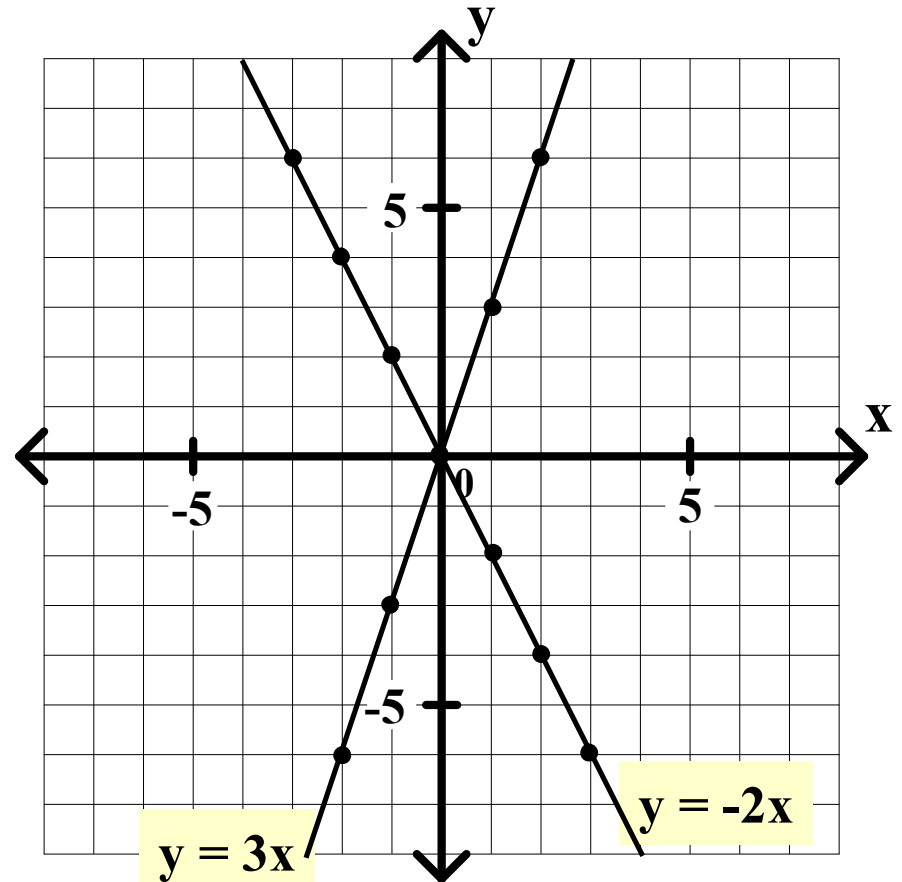
x	y
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-1	-3
0	0
1	3
2	6
3	9

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-3	6
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-1	2
0	0
1	-2
2	-4
3	-6

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x	y
-3	8
-2	7
-1	6
0	5
1	
2	
3	



# Algebra I Graphing Linear Equations

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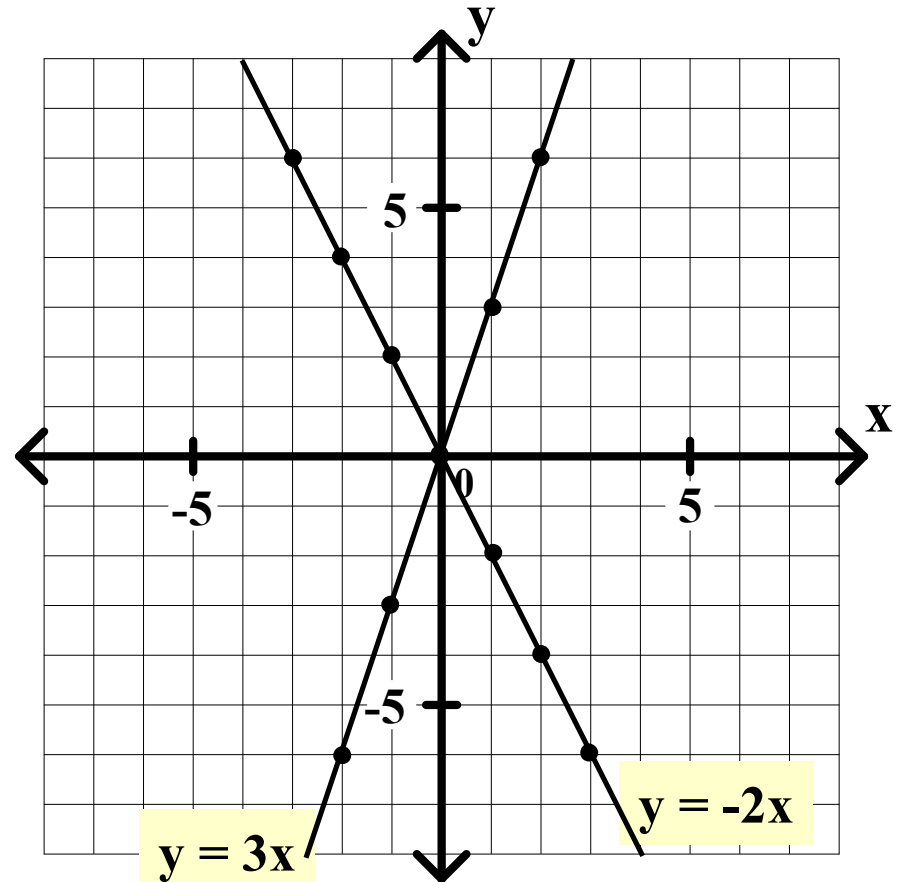
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2	6
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-1	2
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1	-2
2	-4
3	-6

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-3	8
-2	7
-1	6
0	5
1	4
2	
3	



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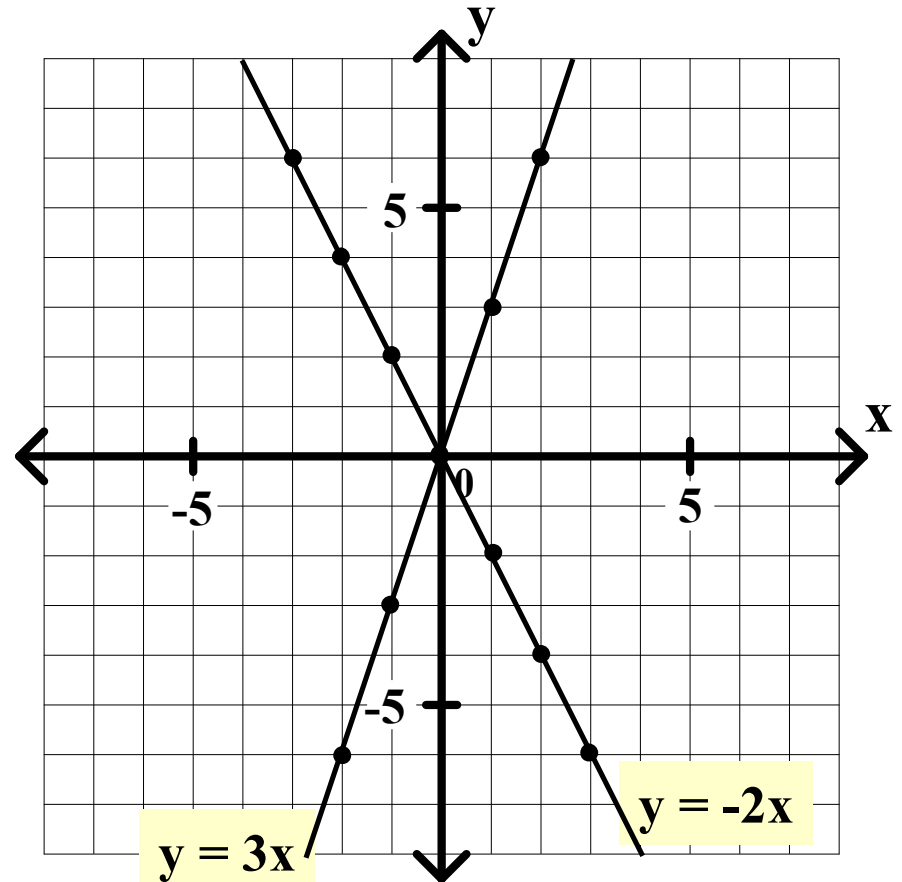
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-2	-6
-1	-3
0	0
1	3
2	6
3	9

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-1	2
0	0
1	-2
2	-4
3	-6

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x	y
-3	8
-2	7
-1	6
0	5
1	4
2	3
3	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

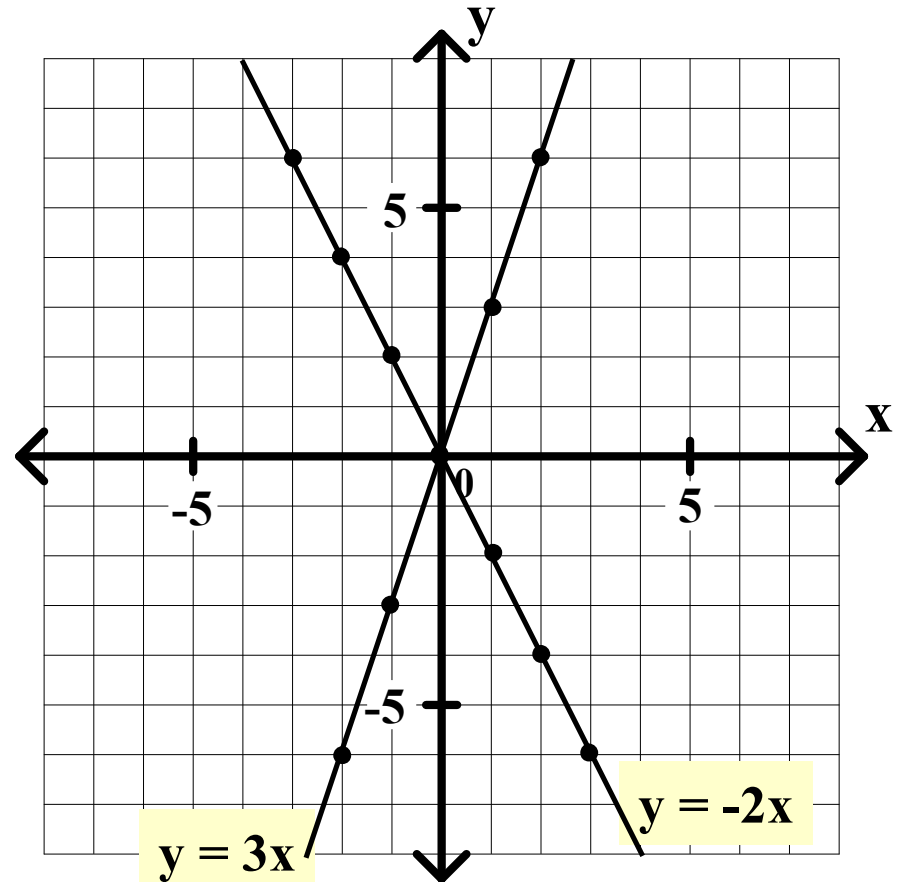
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

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-2	4
-1	2
0	0
1	-2
2	-4
3	-6

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x	y
-3	8
-2	7
-1	6
0	5
1	4
2	3
3	2



# Algebra I Graphing Linear Equations

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3.  $y = 3x$

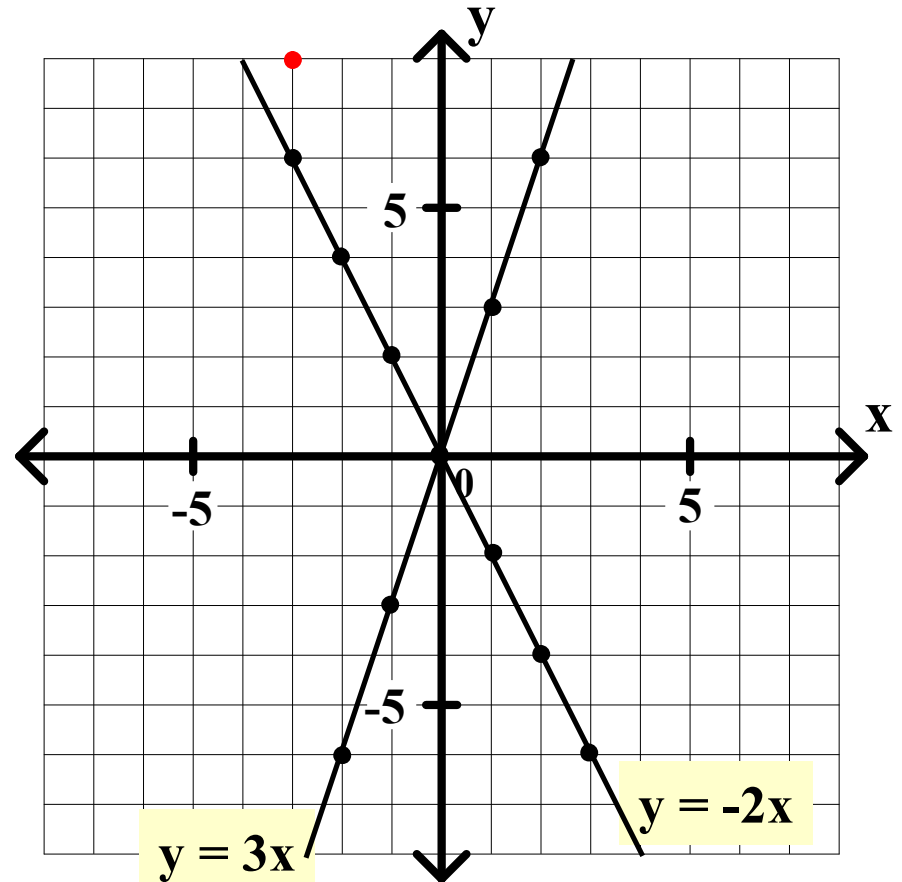
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
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-2	4
-1	2
0	0
1	-2
2	-4
3	-6

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-3	8
-2	7
-1	6
0	5
1	4
2	3
3	2





# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

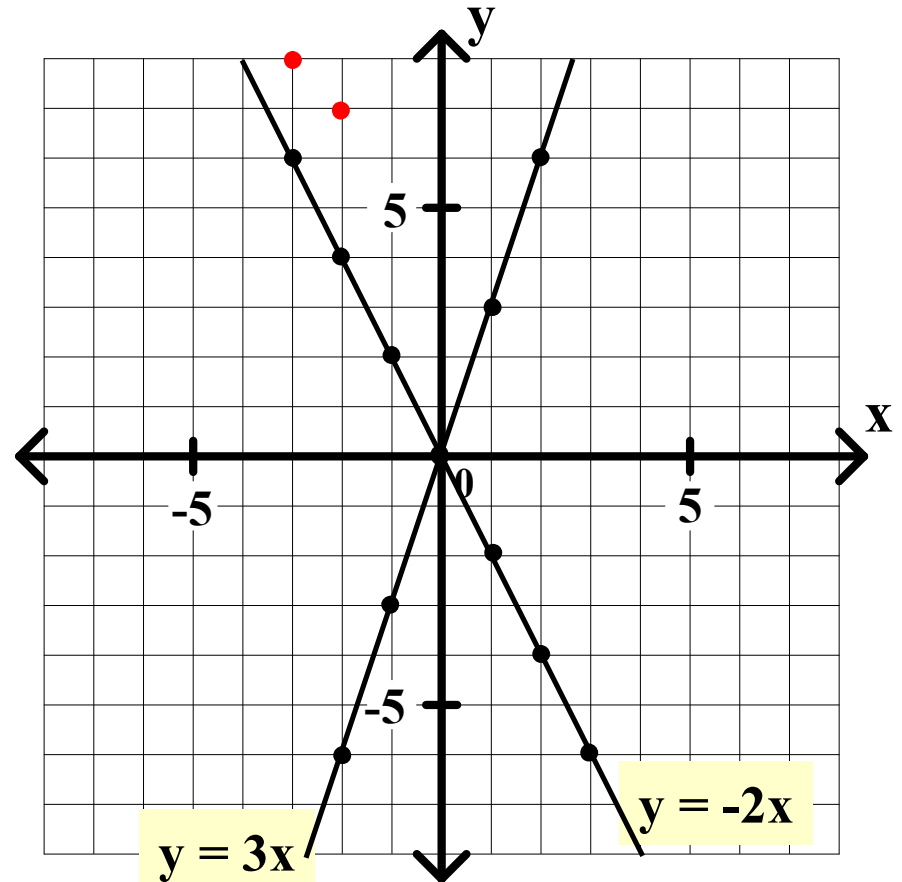
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

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-2	4
-1	2
0	0
1	-2
2	-4
3	-6

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x	y
-3	8
-2	7
-1	6
0	5
1	4
2	3
3	2



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

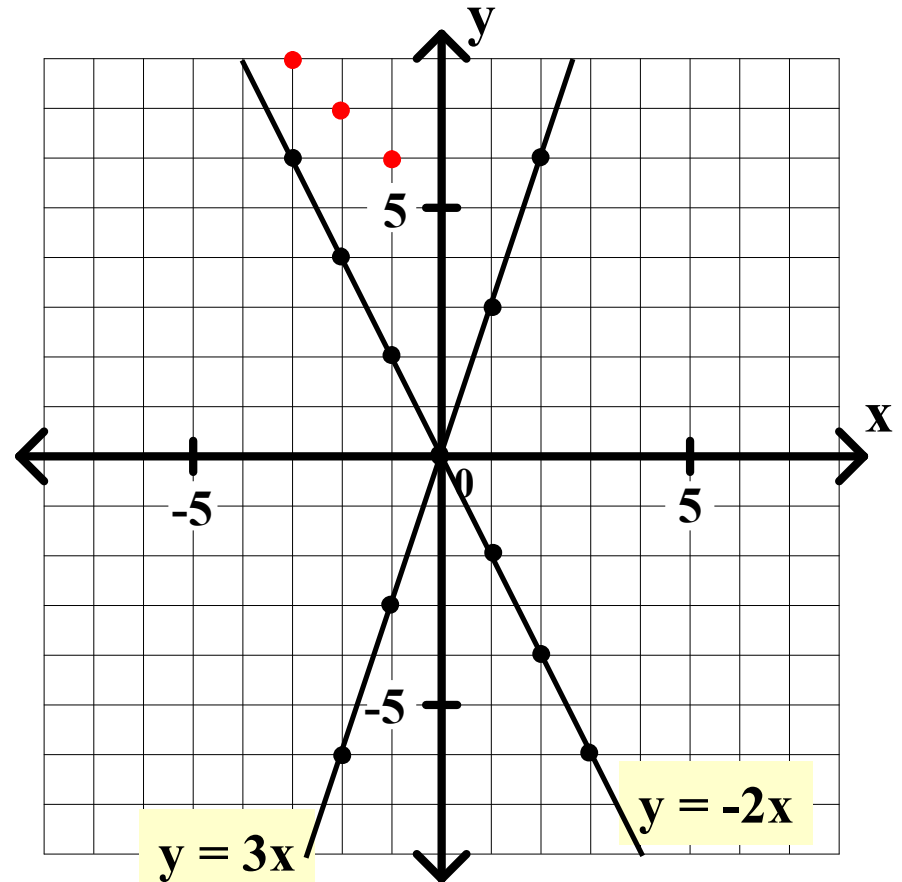
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
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-2	4
-1	2
0	0
1	-2
2	-4
3	-6

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x	y
-3	8
-2	7
-1	6
0	5
1	4
2	3
3	2



# Algebra I Graphing Linear Equations

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3.  $y = 3x$

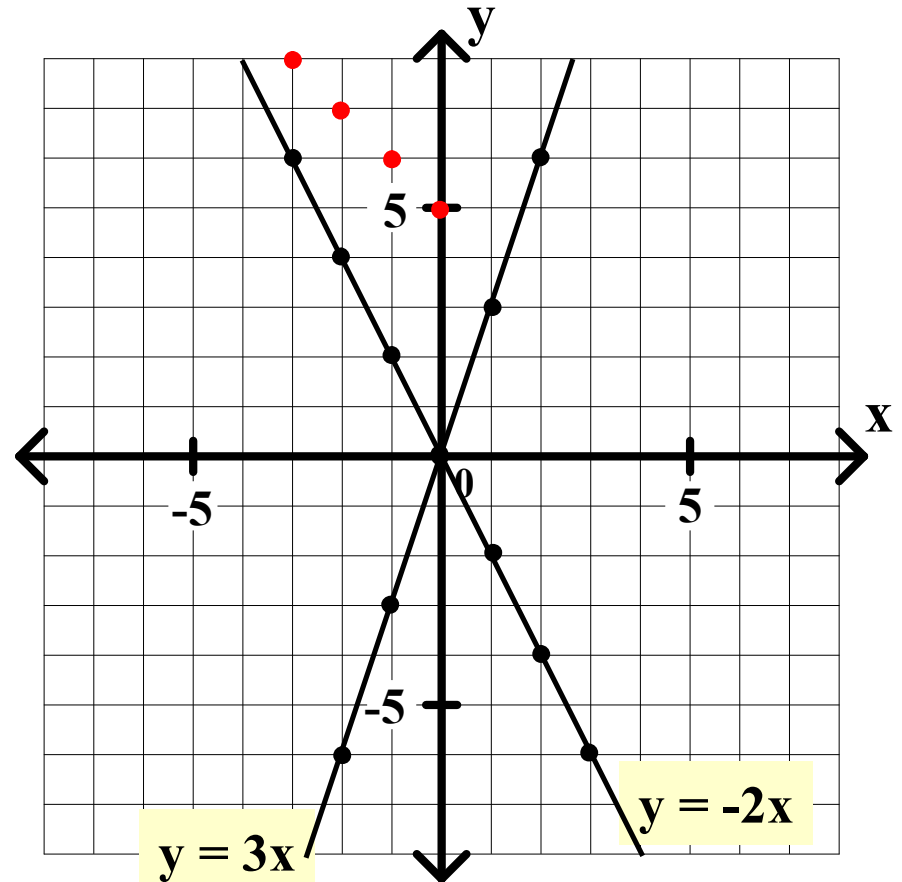
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

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-2	4
-1	2
0	0
1	-2
2	-4
3	-6

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-3	8
-2	7
-1	6
0	5
1	4
2	3
3	2



# Algebra I Graphing Linear Equations

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3.  $y = 3x$

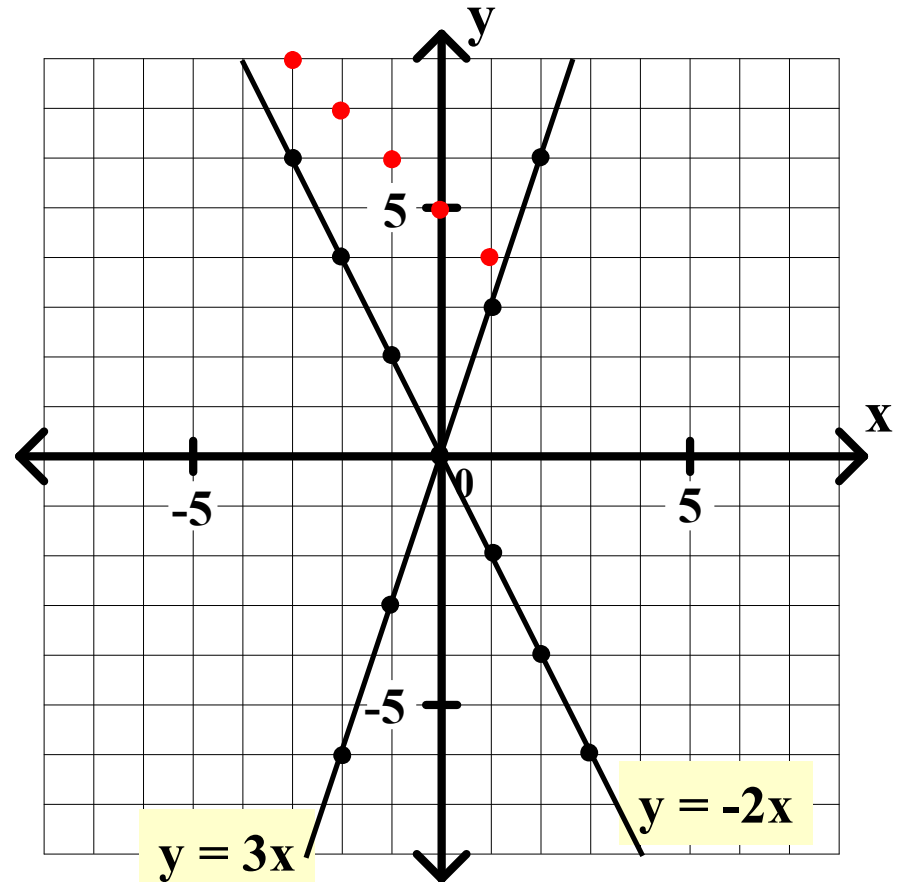
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
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-1	2
0	0
1	-2
2	-4
3	-6

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-3	8
-2	7
-1	6
0	5
1	4
2	3
3	2



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

3.  $y = 3x$

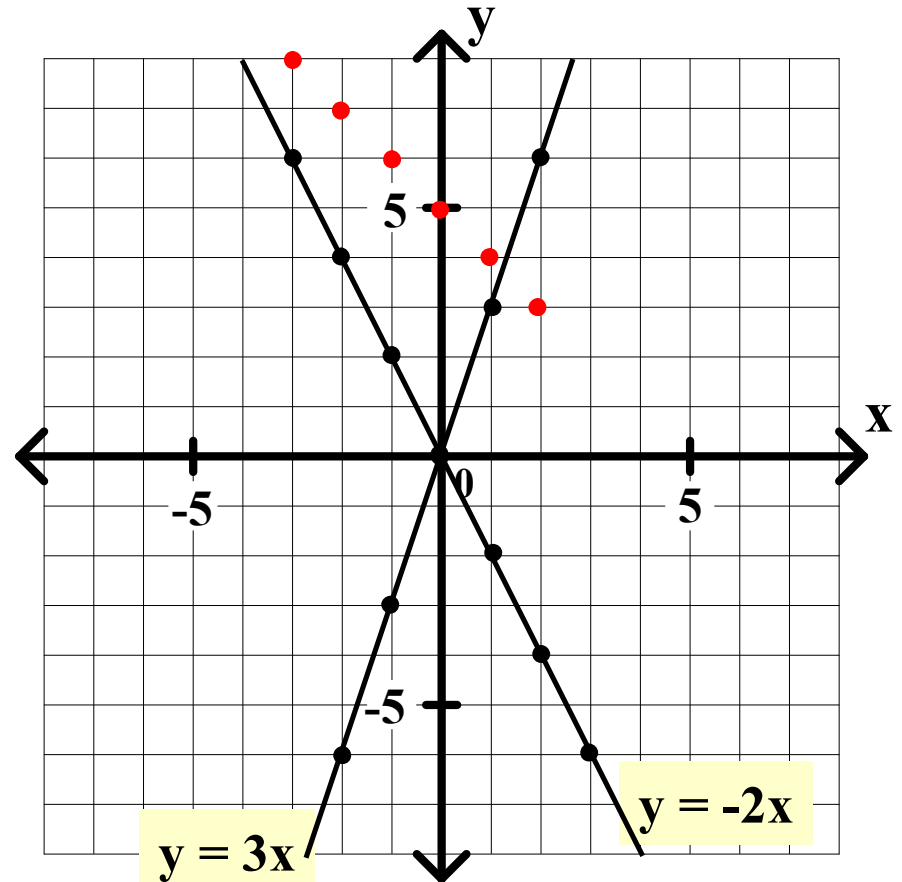
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

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-1	2
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3	-6

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-2	7
-1	6
0	5
1	4
2	3
3	2



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Fill out the x-y tables and graph the equations.

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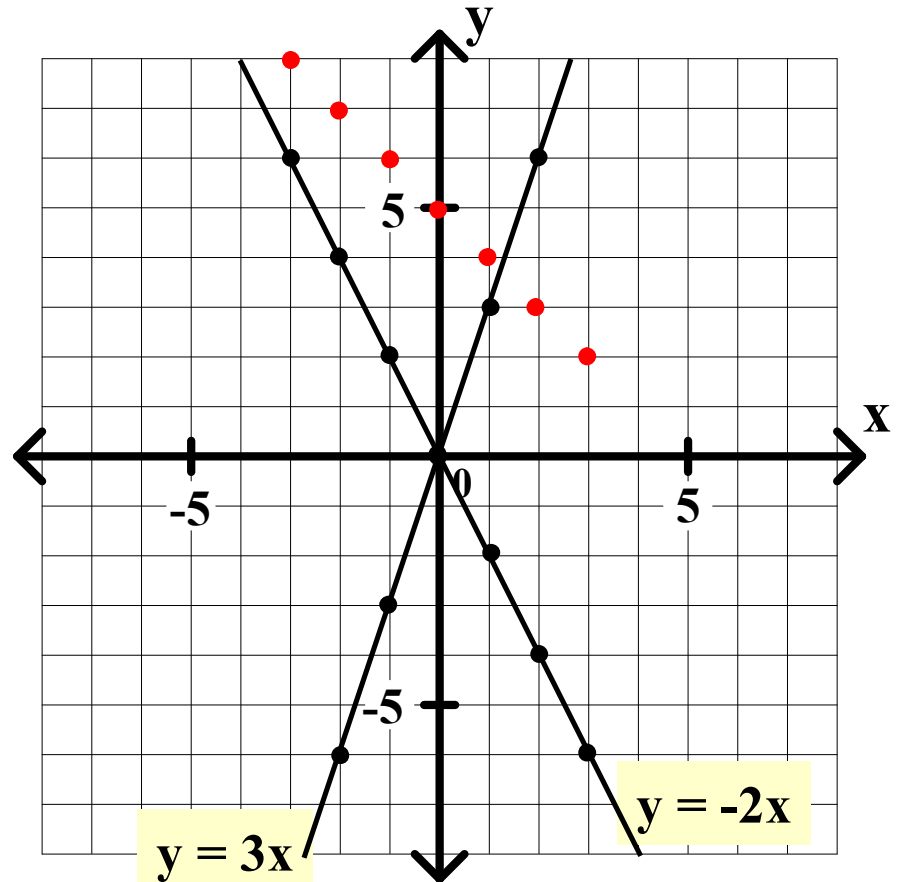
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

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-1	2
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2	-4
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-3	8
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-1	6
0	5
1	4
2	3
3	2



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

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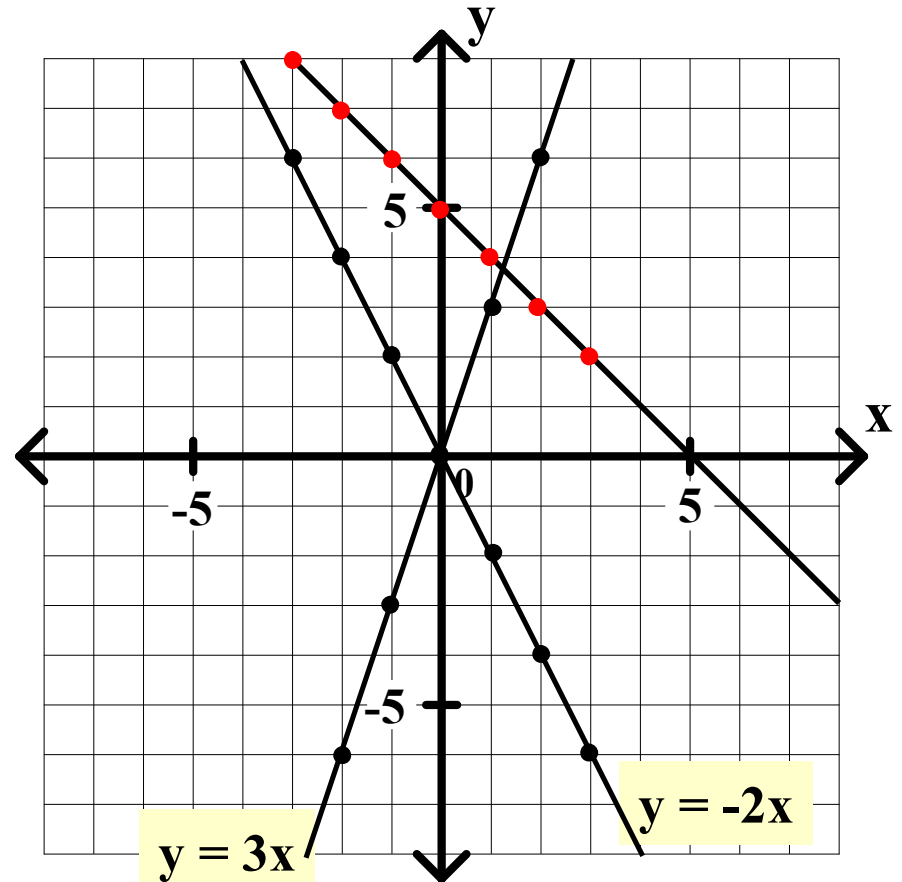
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

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x	y
-3	6
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-1	2
0	0
1	-2
2	-4
3	-6

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-3	8
-2	7
-1	6
0	5
1	4
2	3
3	2



# Algebra I Graphing Linear Equations

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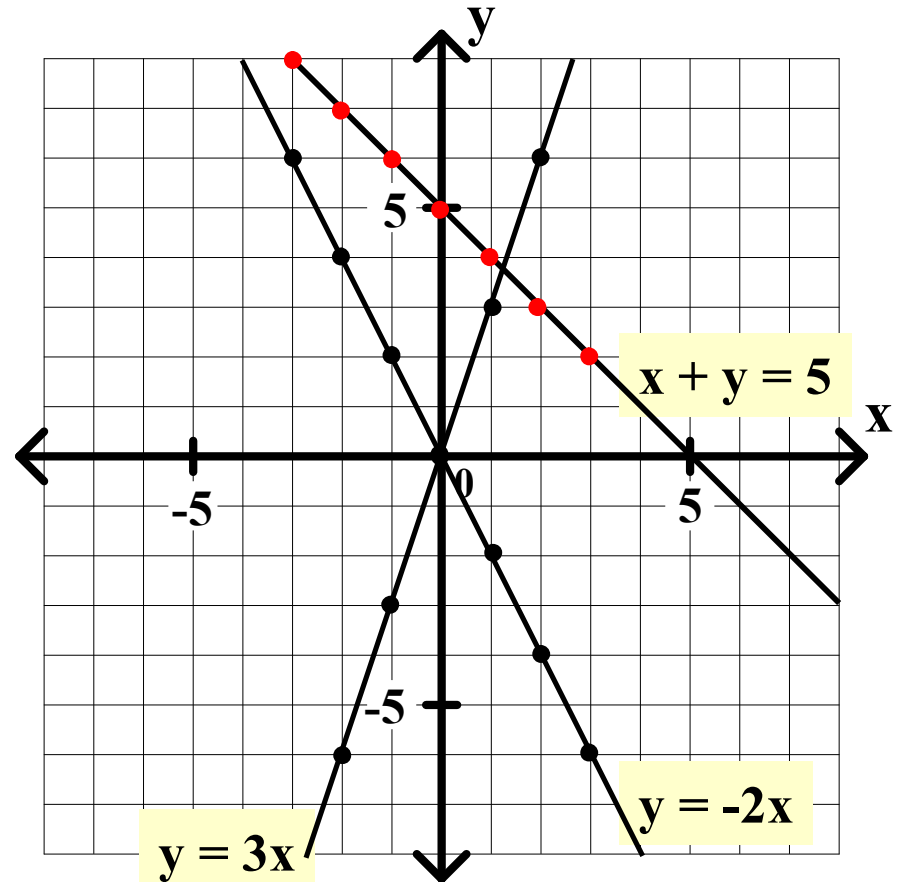
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	0
1	-2
2	-4
3	-6

5.  $x + y = 5$

x	y
-3	8
-2	7
-1	6
0	5
1	4
2	3
3	2





# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

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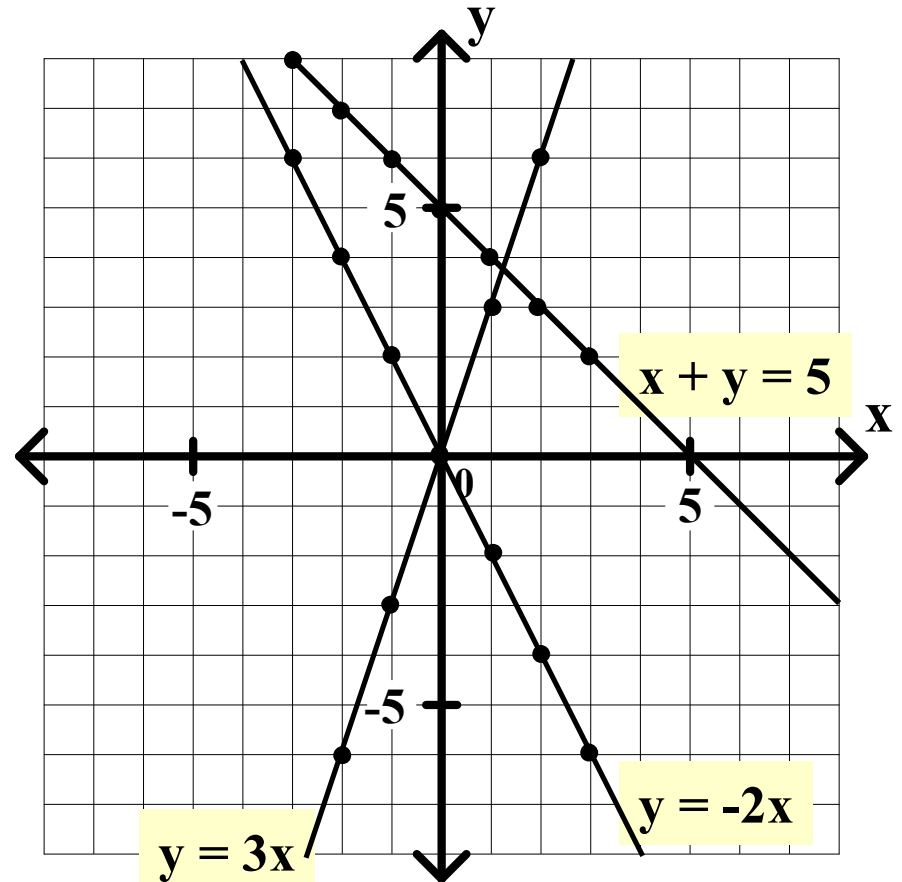
x	y
-3	-9
-2	-6
-1	-3
0	0
1	3
2	6
3	9

4.  $y = -2x$

x	y
-3	6
-2	4
-1	2
0	0
1	-2
2	-4
3	-6

5.  $x + y = 5$

x	y
-3	8
-2	7
-1	6
0	5
1	4
2	3
3	2



## Algebra I Graphing Linear Equations

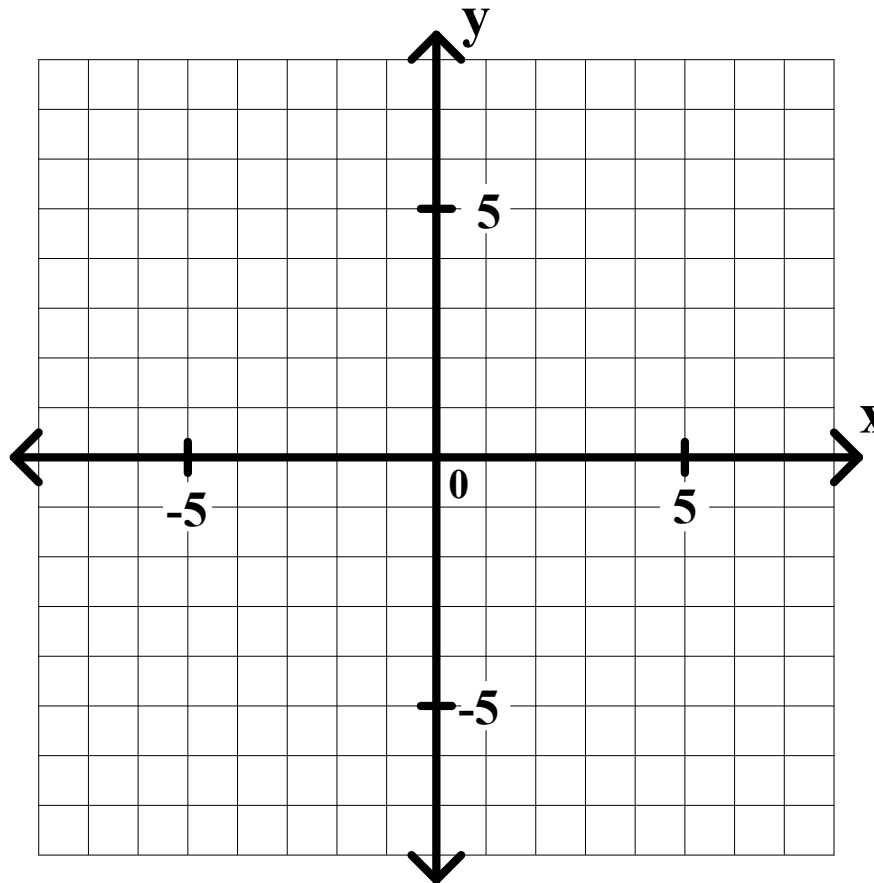
Fill out the x-y tables and graph the equations.

6.  $y = 3x - 2$

x	y
-2	
-1	
0	
1	
2	

7.  $y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

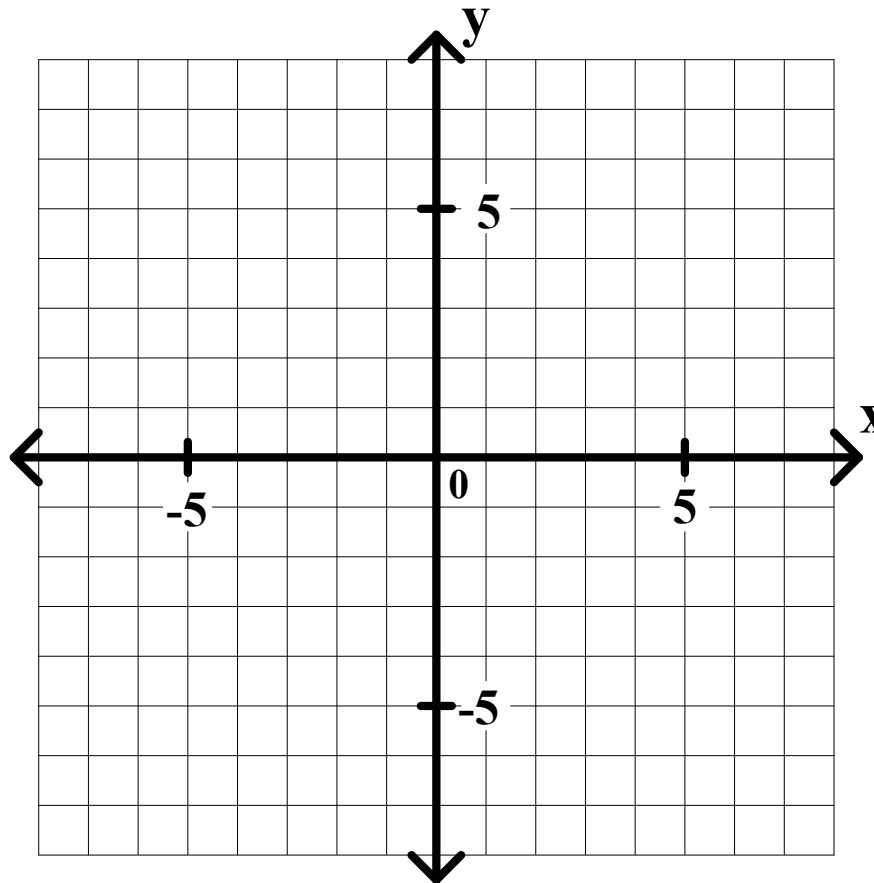
Fill out the x-y tables and graph the equations.

6.  $y = 3x - 2$

x	y
-2	-6
-1	
0	
1	
2	

7.  $y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

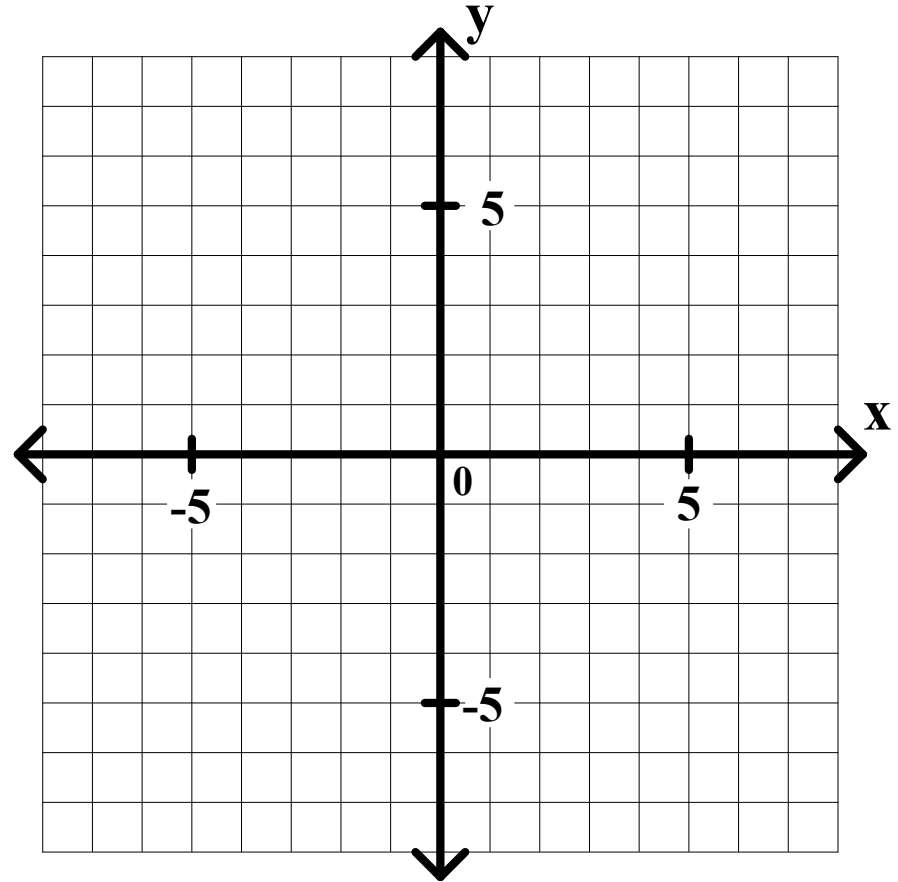
Fill out the x-y tables and graph the equations.

6.  $y = 3x - 2$

x	y
-2	-6 - 2
-1	
0	
1	
2	

7.  $y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

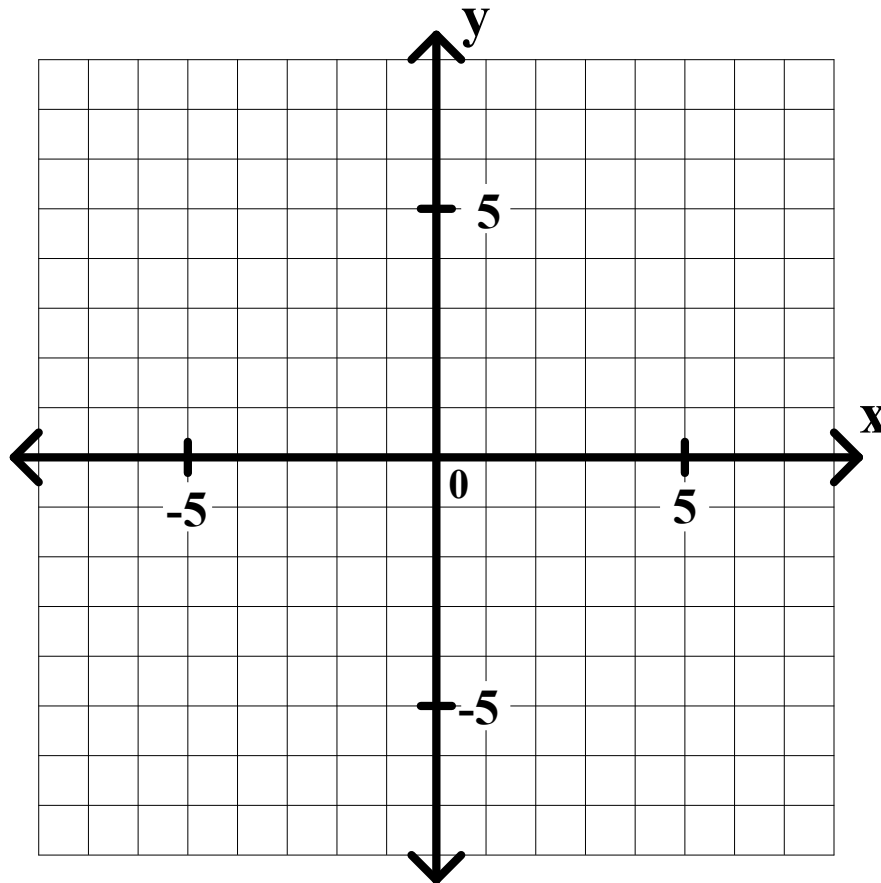
6.  $y = 3x - 2$

x	y
-2	-8
-1	
0	
1	
2	

$-6 - 2$

7.  $y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

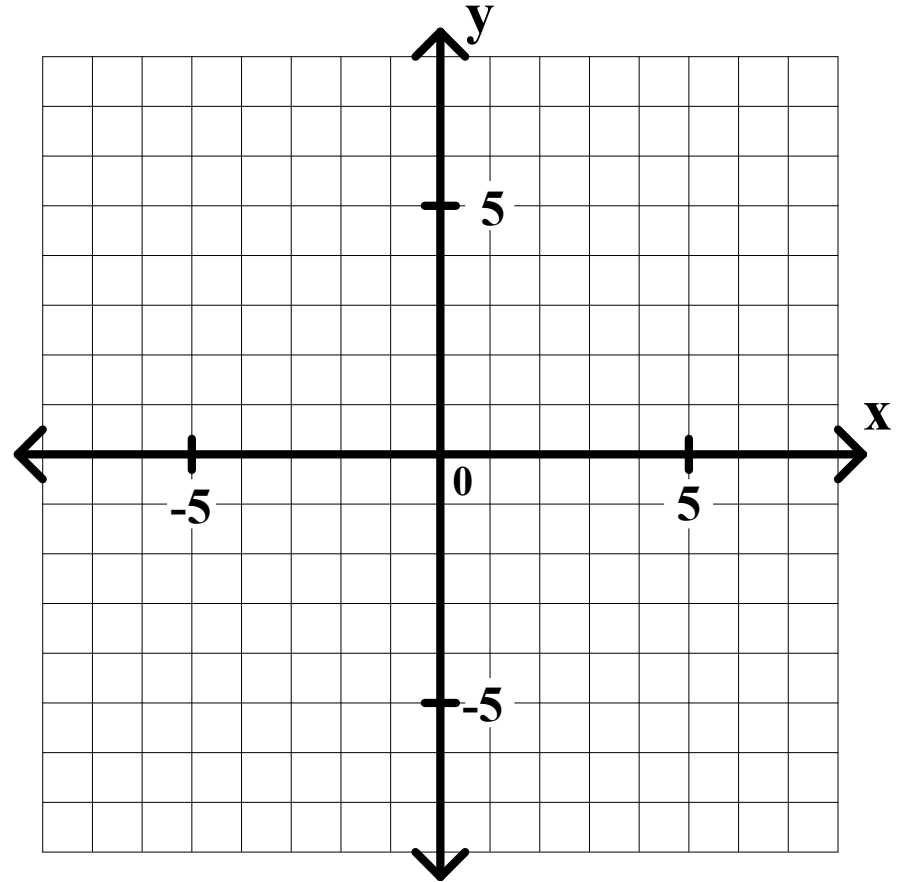
6.  $y = 3x - 2$

x	y
-2	-8
-1	
0	
1	
2	

$-6 - 2$   
 $-3$

7.  $y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

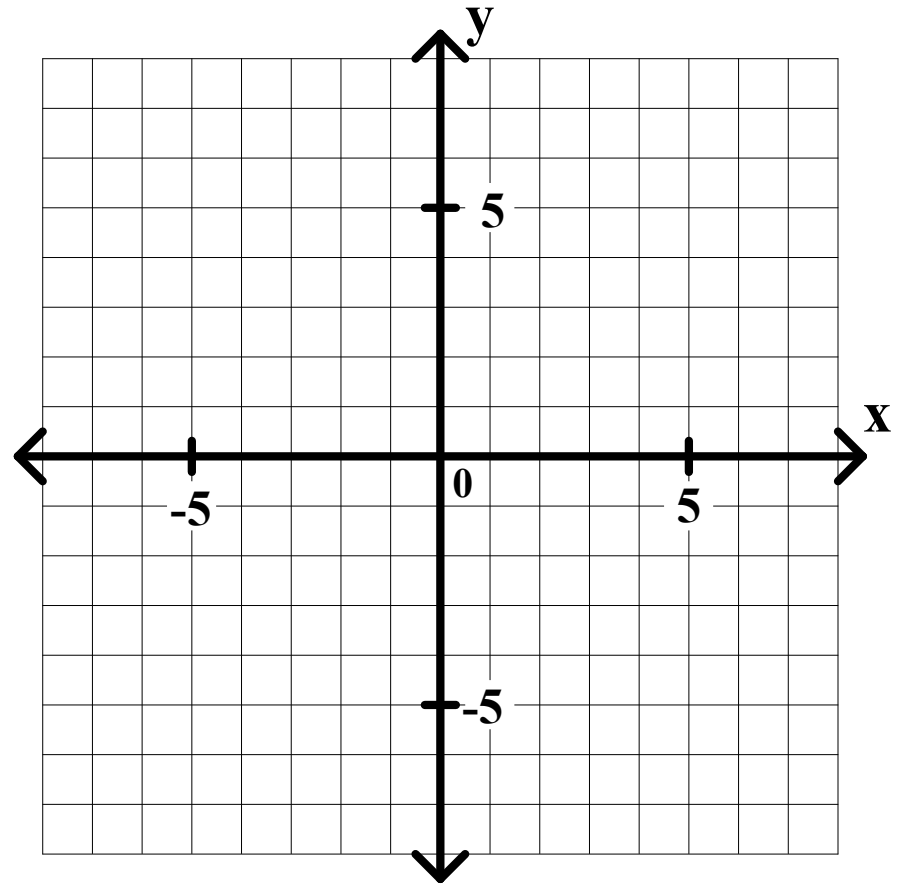
6.  $y = 3x - 2$

x	y
-2	-8
-1	
0	
1	
2	

$-6 - 2$   
 $-3 - 2$

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x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

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6.  $y = 3x - 2$

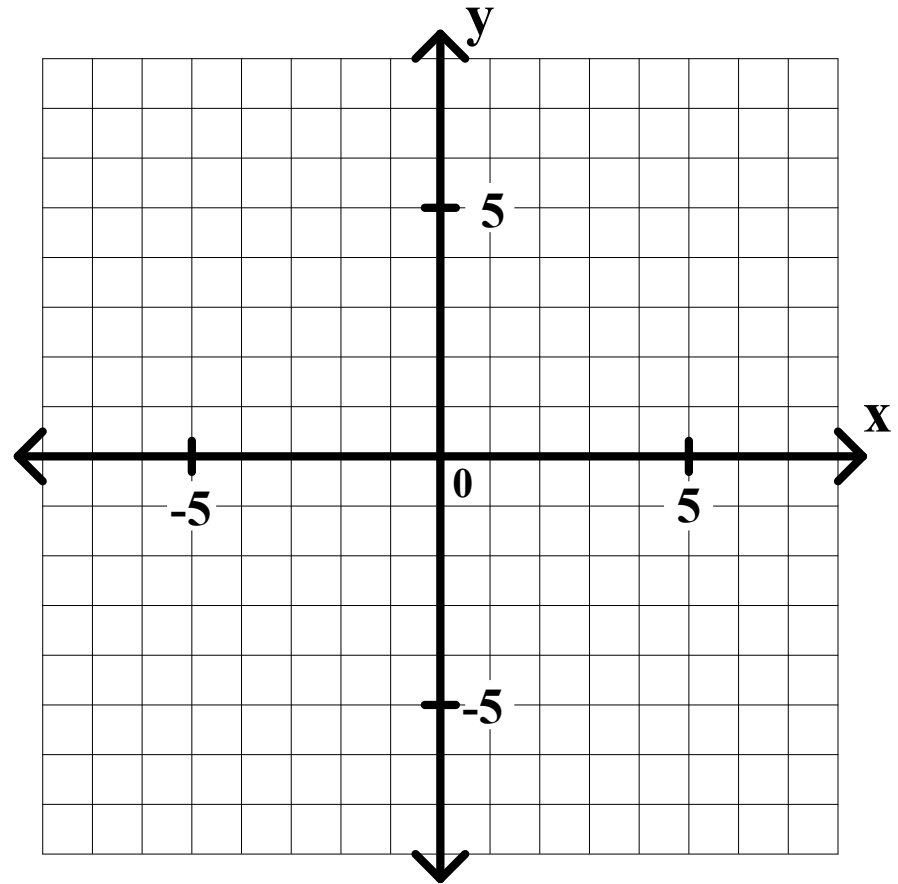
x	y
-2	-8
-1	-5
0	
1	
2	

$-6 - 2$

$-3 - 2$

7.  $y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	





# Algebra I Graphing Linear Equations

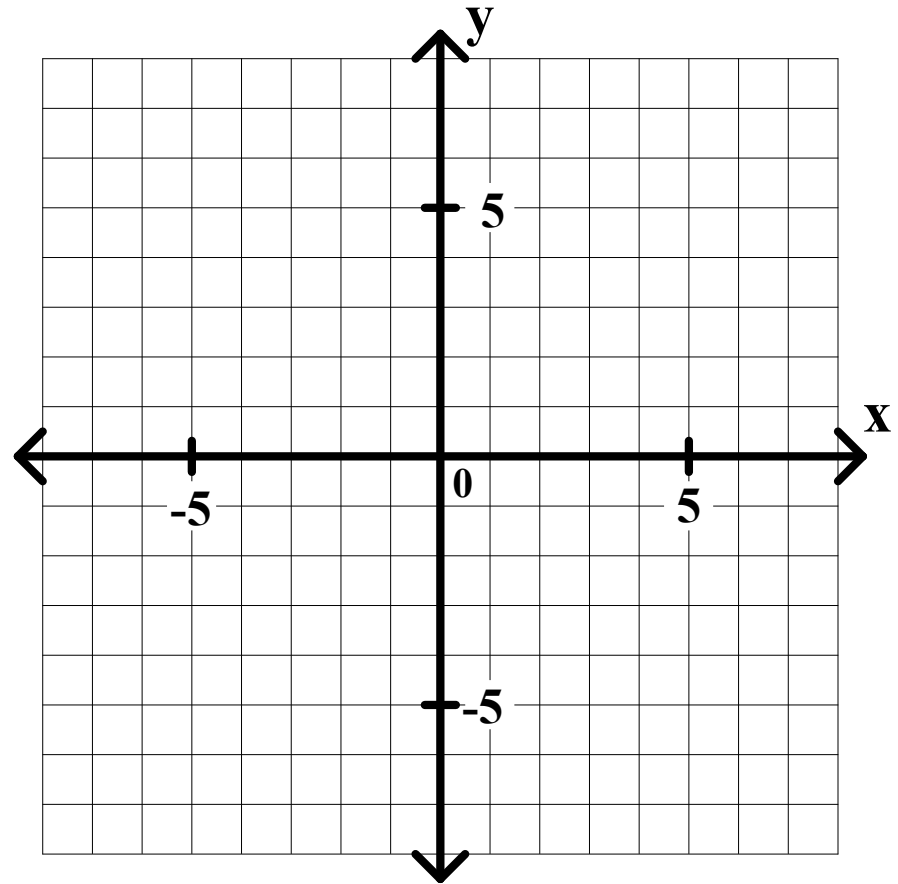
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-2	-8
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0	0
1	
2	

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-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

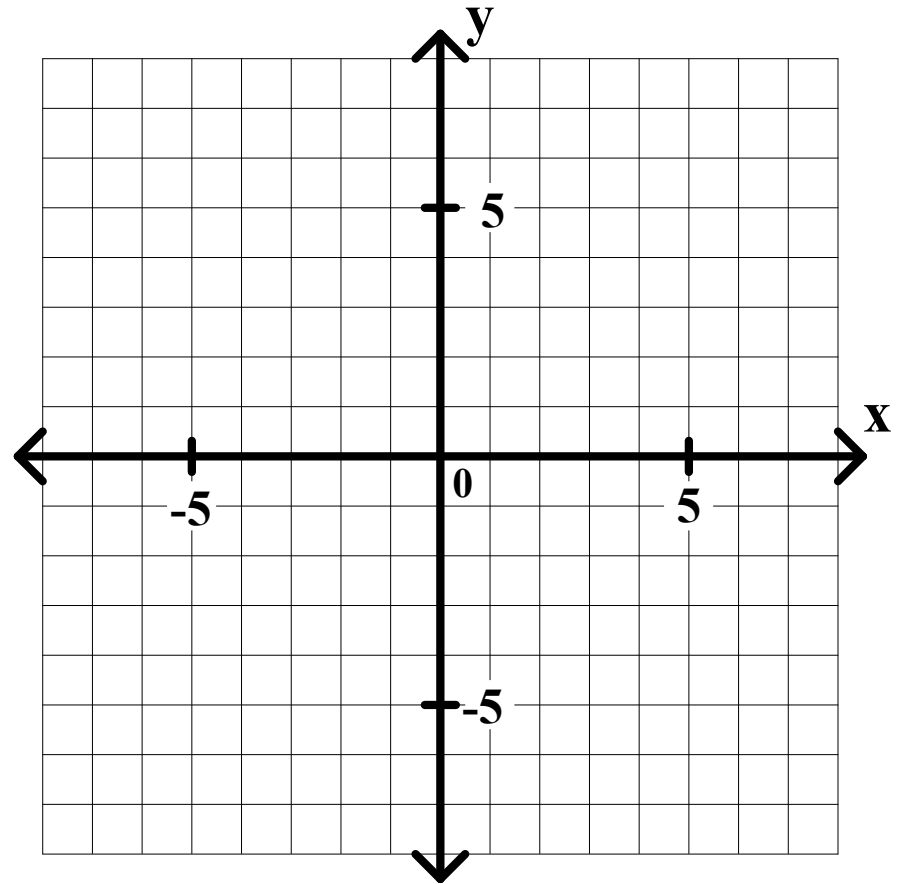
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-2	-8
-1	-5
0	
1	
2	

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x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

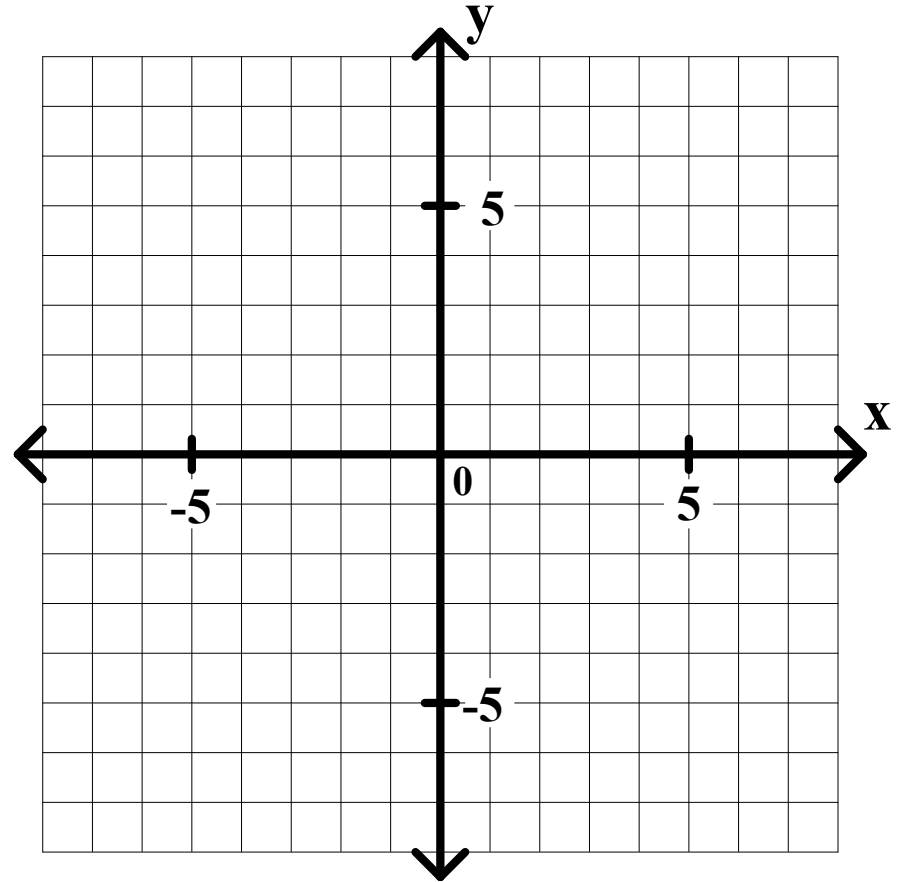
Fill out the x-y tables and graph the equations.

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x	y
-2	-8
-1	-5
0	-2
1	
2	

7.  $y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

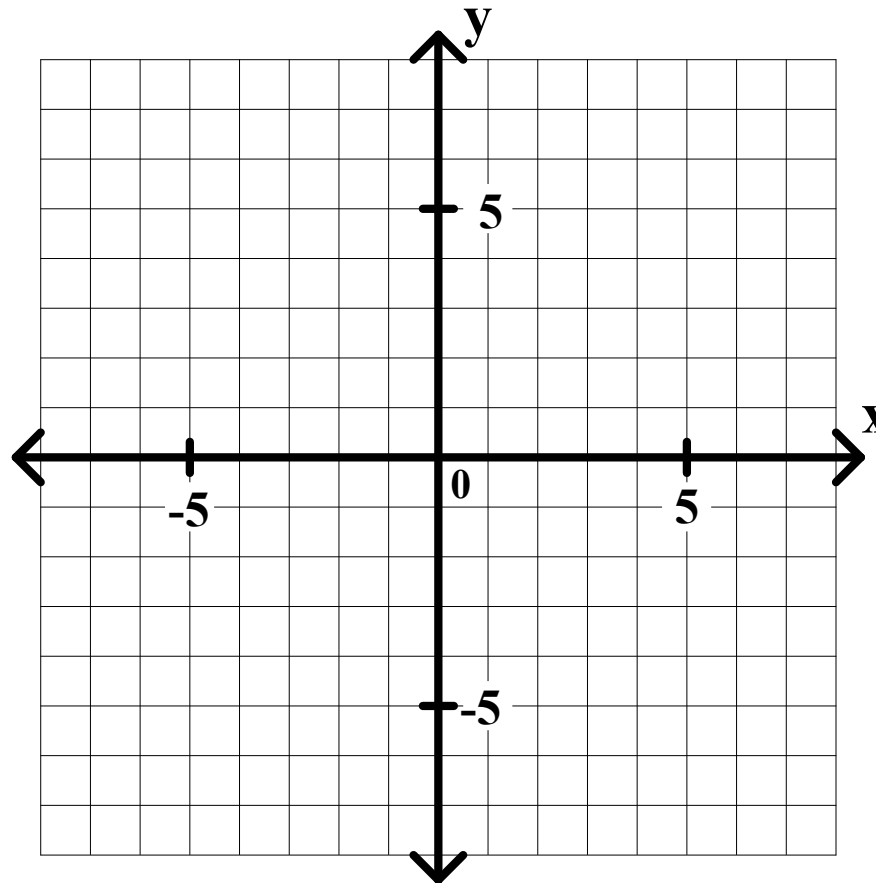
Fill out the x-y tables and graph the equations.

6.  $y = 3x - 2$

x	y	
-2	-8	-6 - 2
-1	-5	-3 - 2
0	-2	0 - 2
1		3
2		

7.  $y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

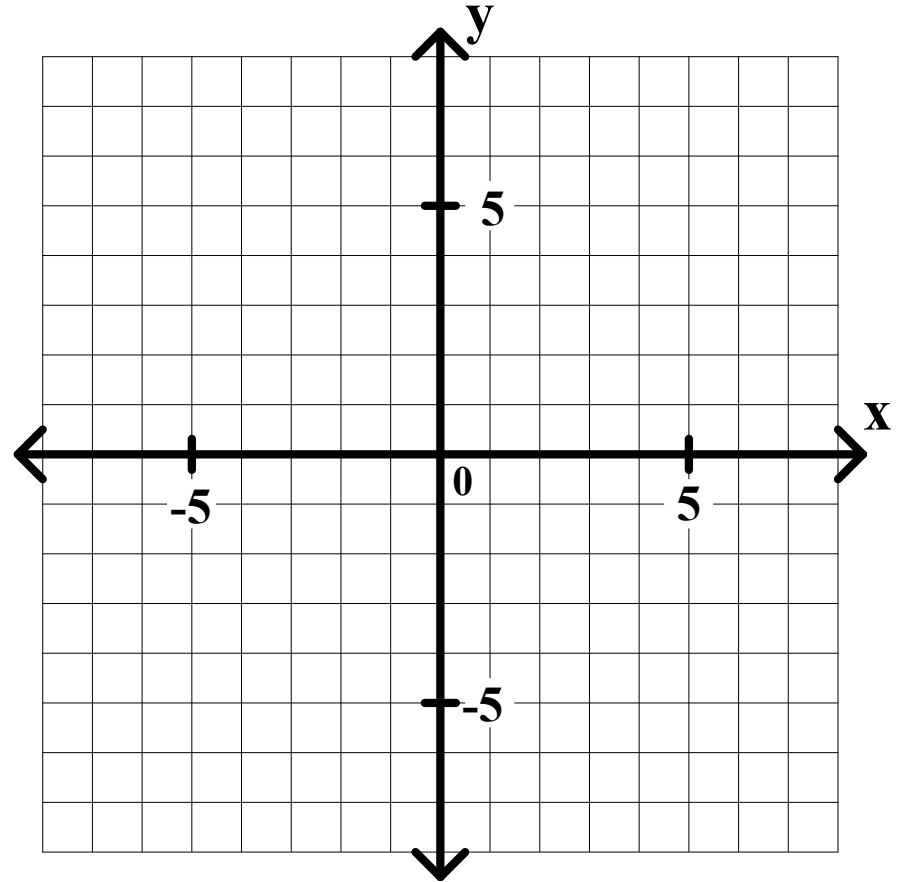
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x	y	
-2	-8	-6 - 2
-1	-5	-3 - 2
0	-2	0 - 2
1		3 - 2
2		

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x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

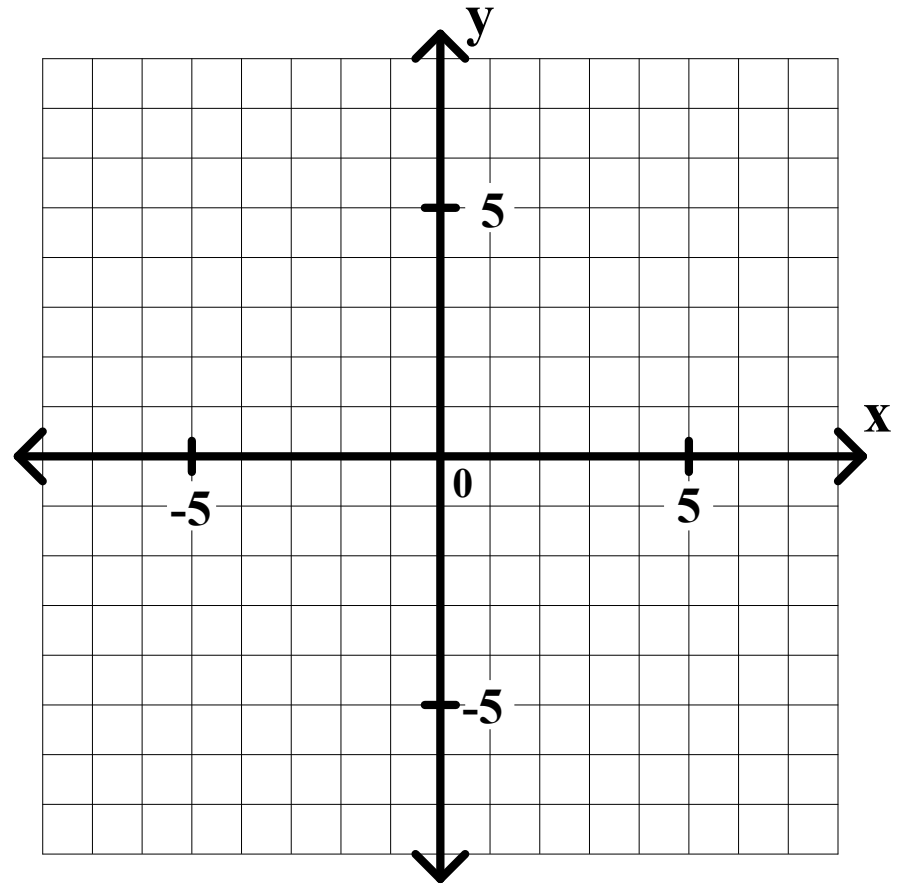
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x	y	
-2	-8	-6 - 2
-1	-5	-3 - 2
0	-2	0 - 2
1	1	3 - 2
2		

7.  $y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

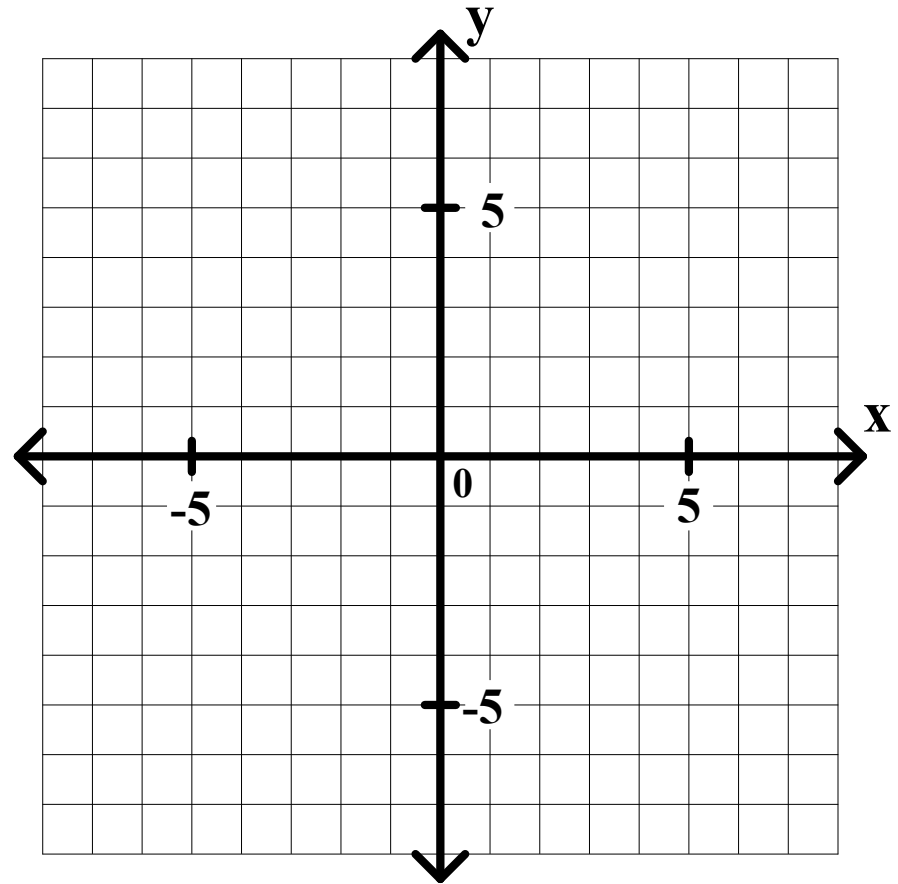
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x	y	
-2	-8	-6 - 2
-1	-5	-3 - 2
0	-2	0 - 2
1	1	3 - 2
2		6

7.  $y = -2x + 1$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

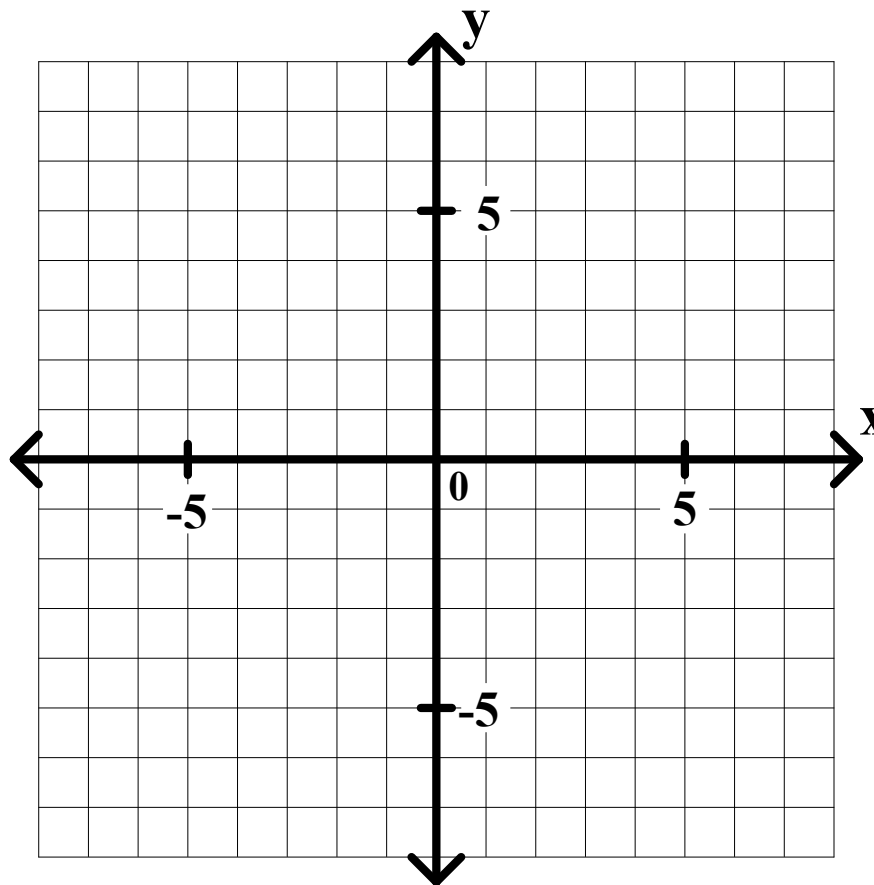
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0	-2	0 - 2
1	1	3 - 2
2		6 - 2

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x	y
-2	
-1	
0	
1	
2	





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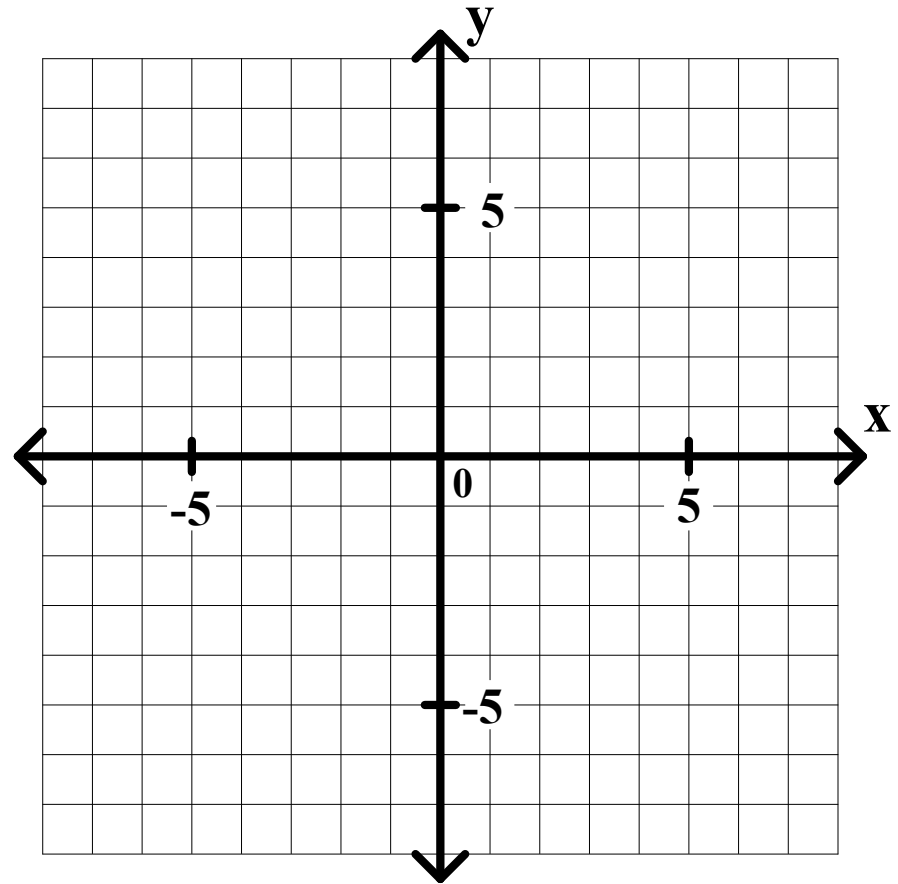
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x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

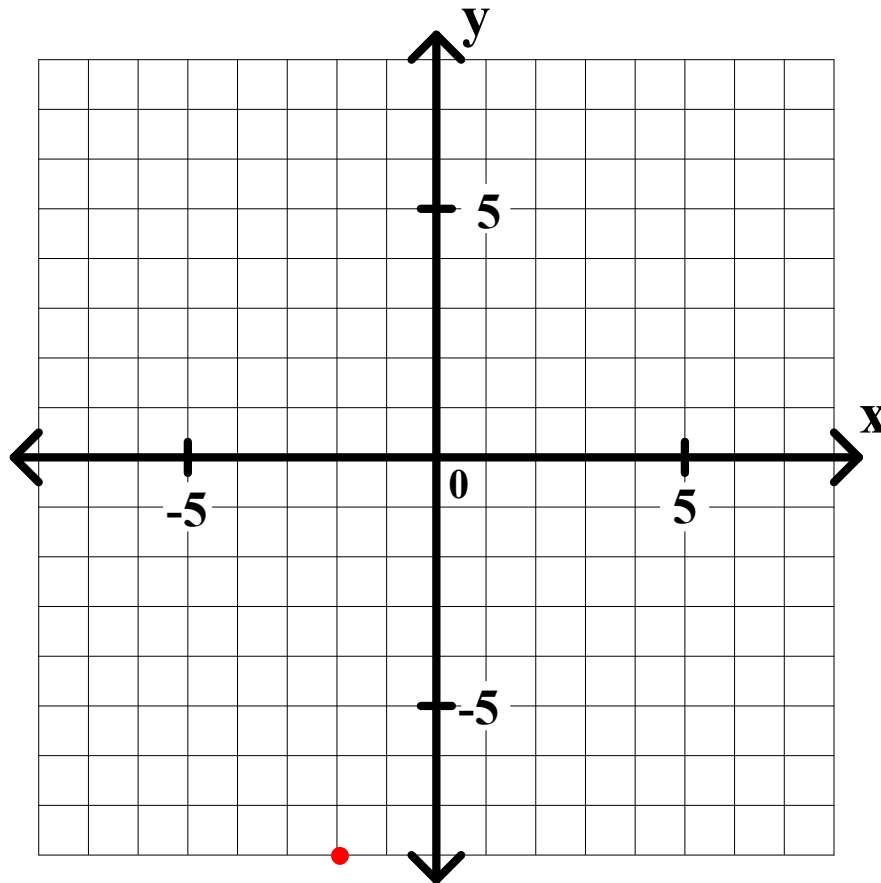
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0	-2	0 - 2
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-2	
-1	
0	
1	
2	



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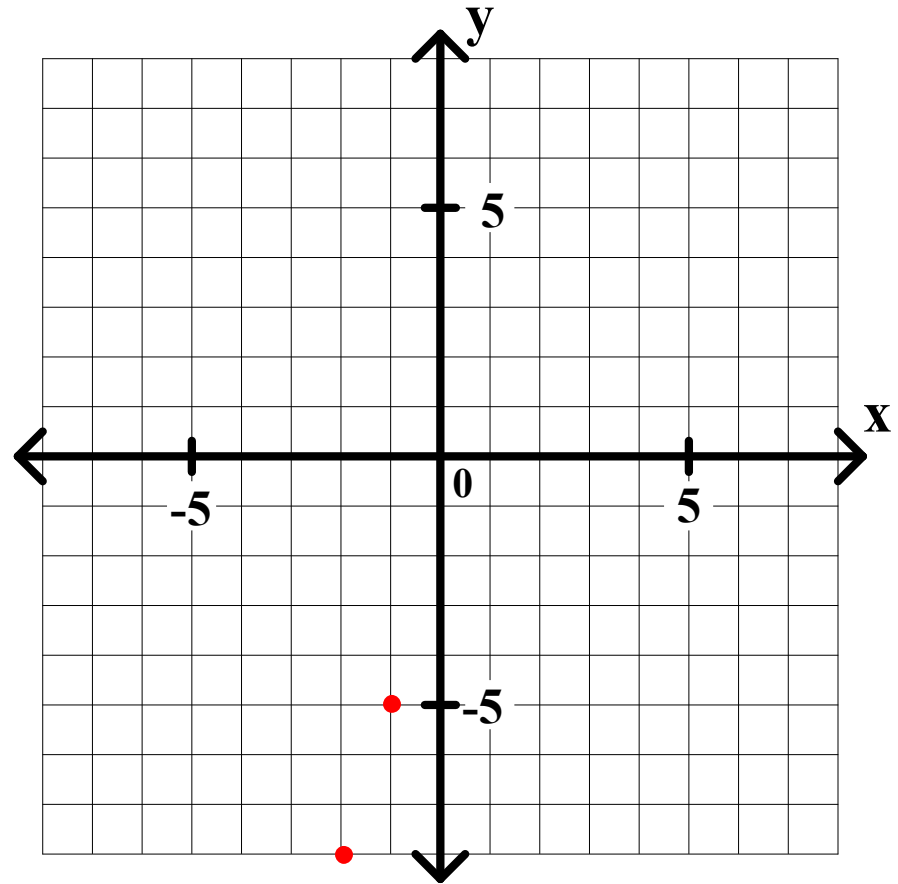
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-2	
-1	
0	
1	
2	



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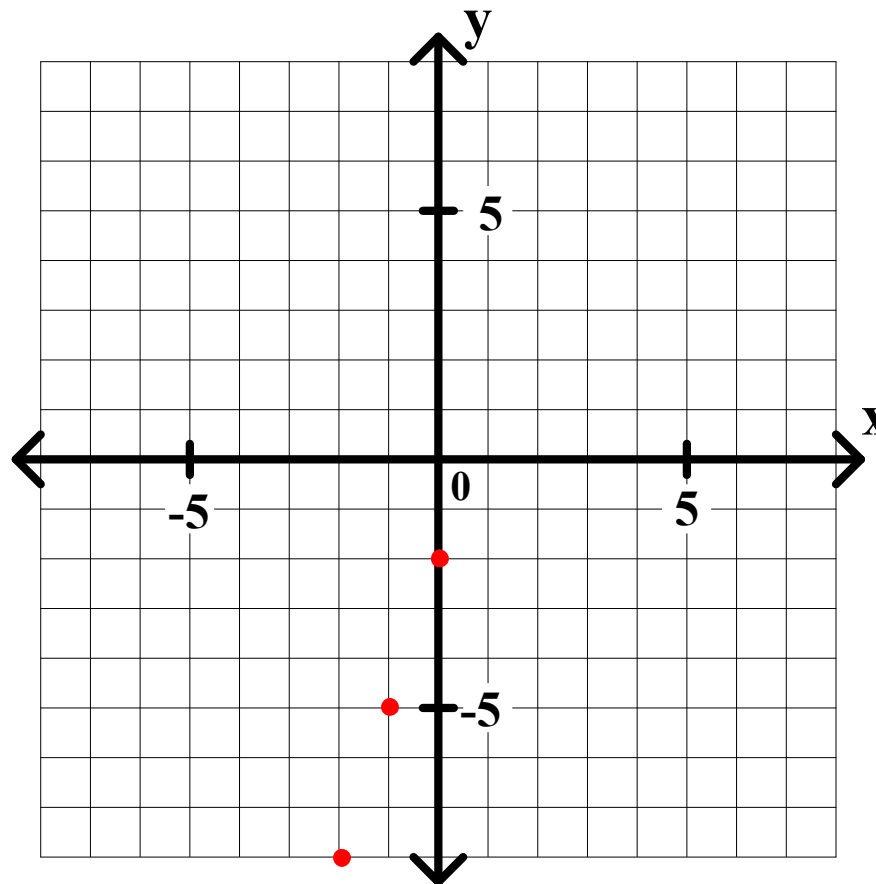
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-2	
-1	
0	
1	
2	



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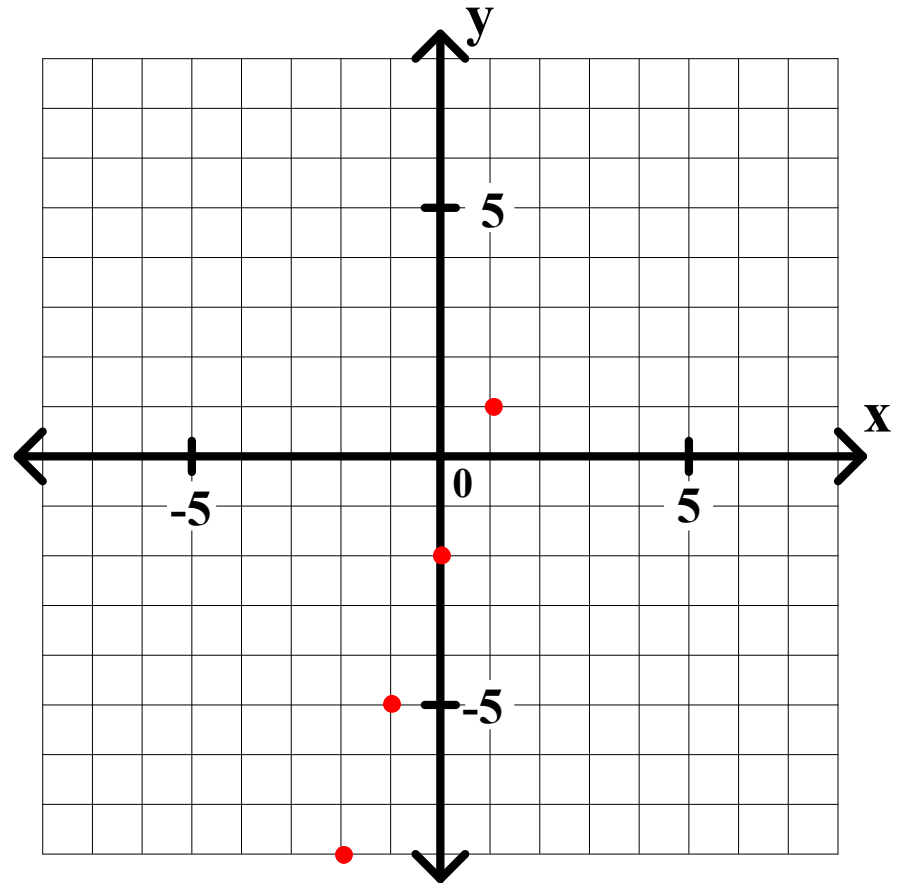
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-2	
-1	
0	
1	
2	



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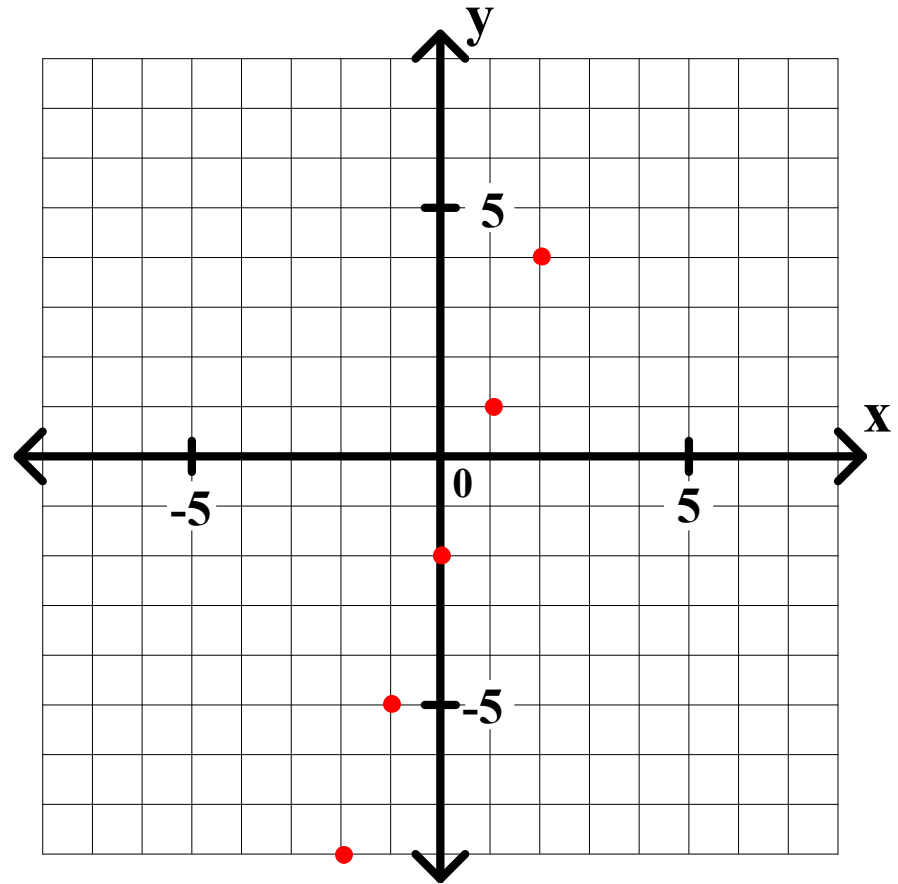
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x	y
-2	
-1	
0	
1	
2	



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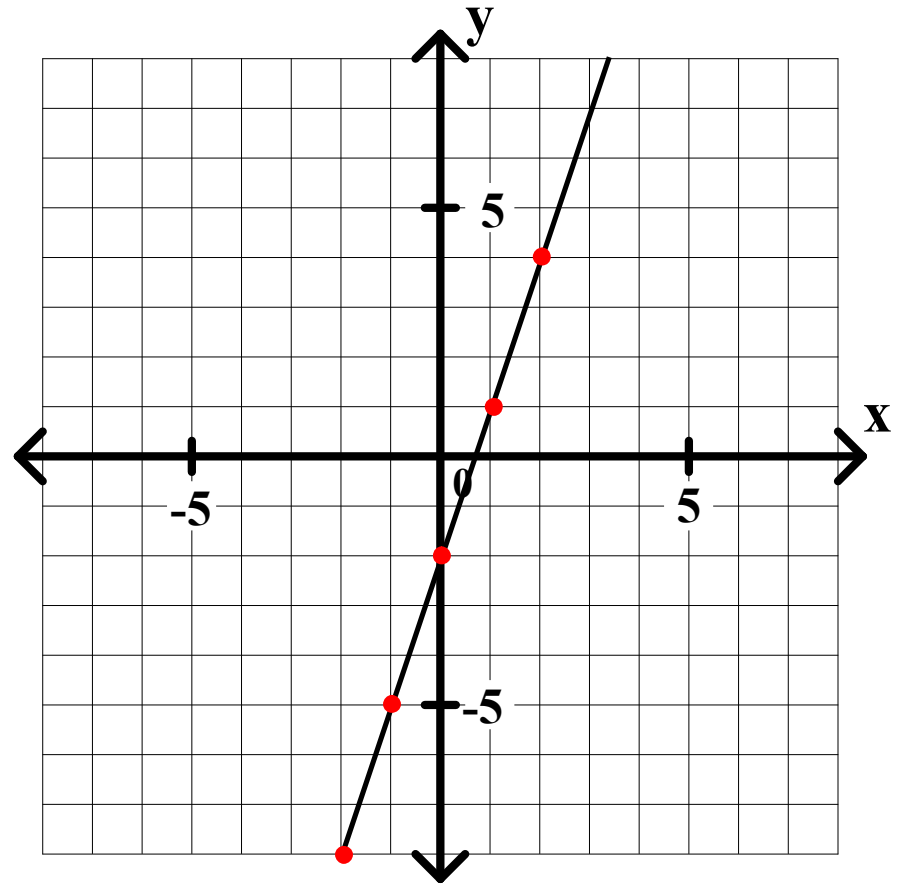
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-2	
-1	
0	
1	
2	



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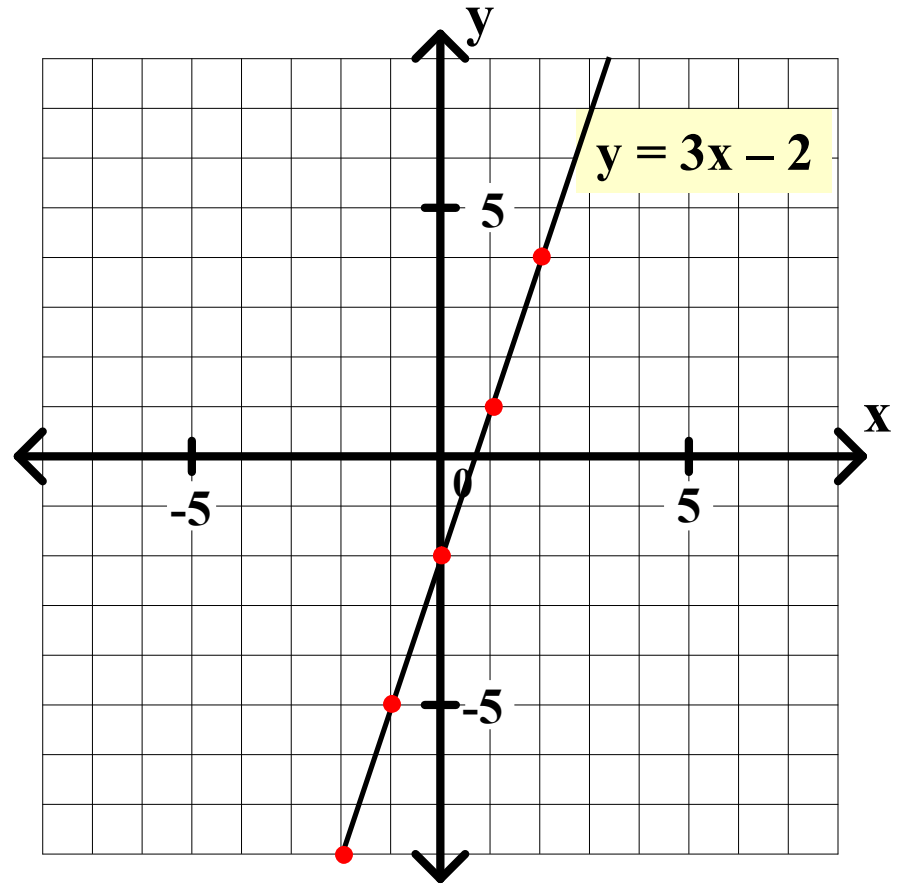
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x	y
-2	
-1	
0	
1	
2	





## Algebra I Graphing Linear Equations

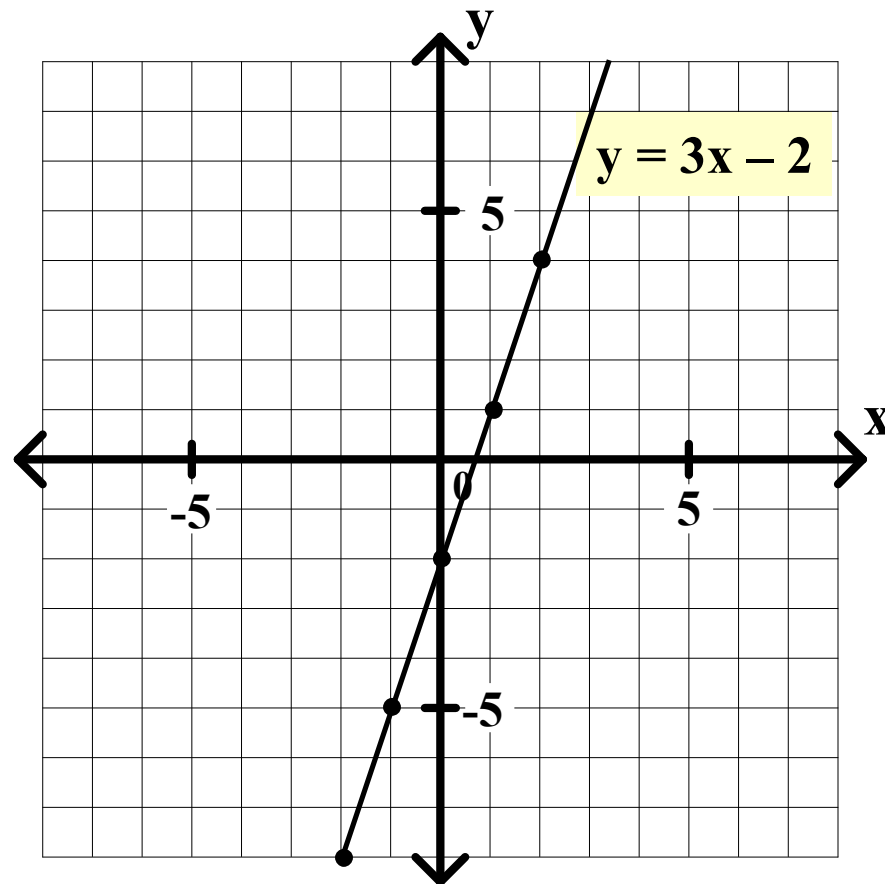
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x	y
-2	
-1	
0	
1	
2	



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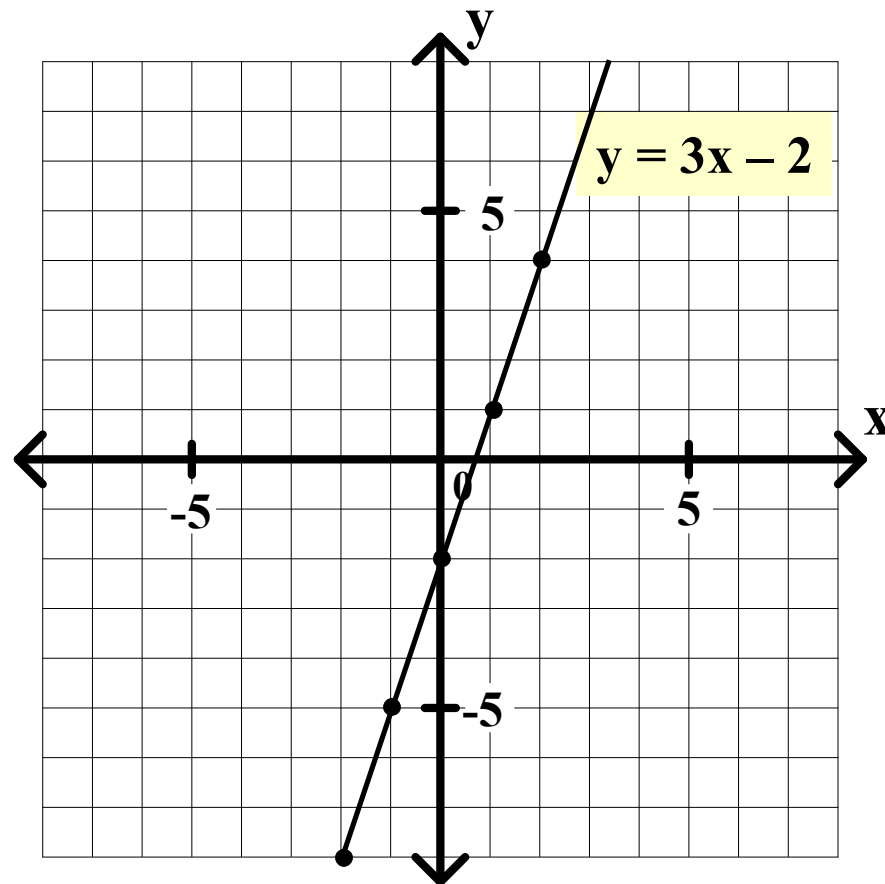
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1	1	3 - 2
2	4	6 - 2

7.  $y = -2x + 1$

x	y	
-2		4
-1		
0		
1		
2		



## Algebra I Graphing Linear Equations

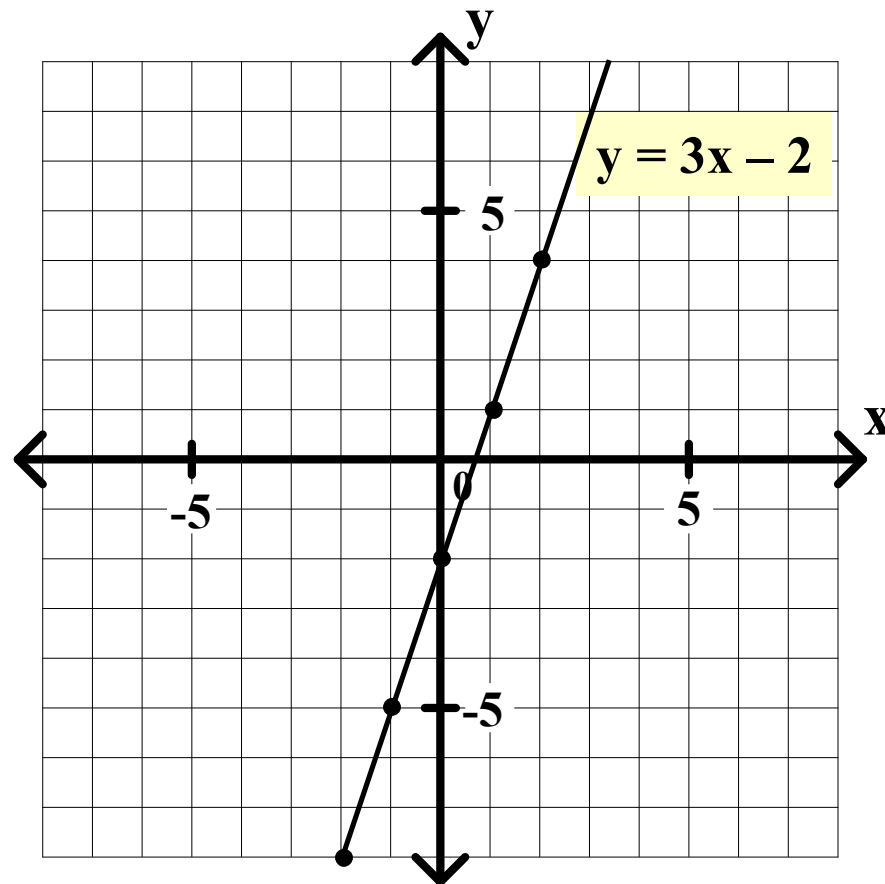
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1	1	$3 - 2$
2	4	$6 - 2$

7.  $y = -2x + 1$

x	y	
-2		$4 + 1$
-1		
0		
1		
2		



# Algebra I Graphing Linear Equations

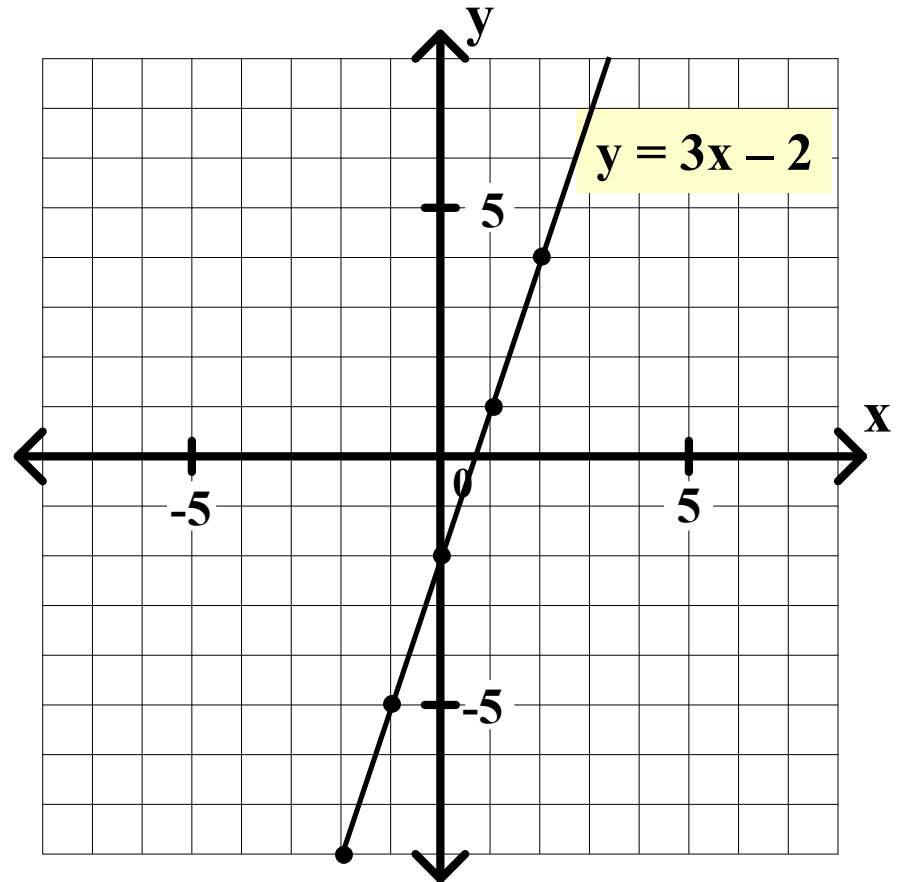
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2	4	6 - 2

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-2	5	4 + 1
-1		
0		
1		
2		



# Algebra I Graphing Linear Equations

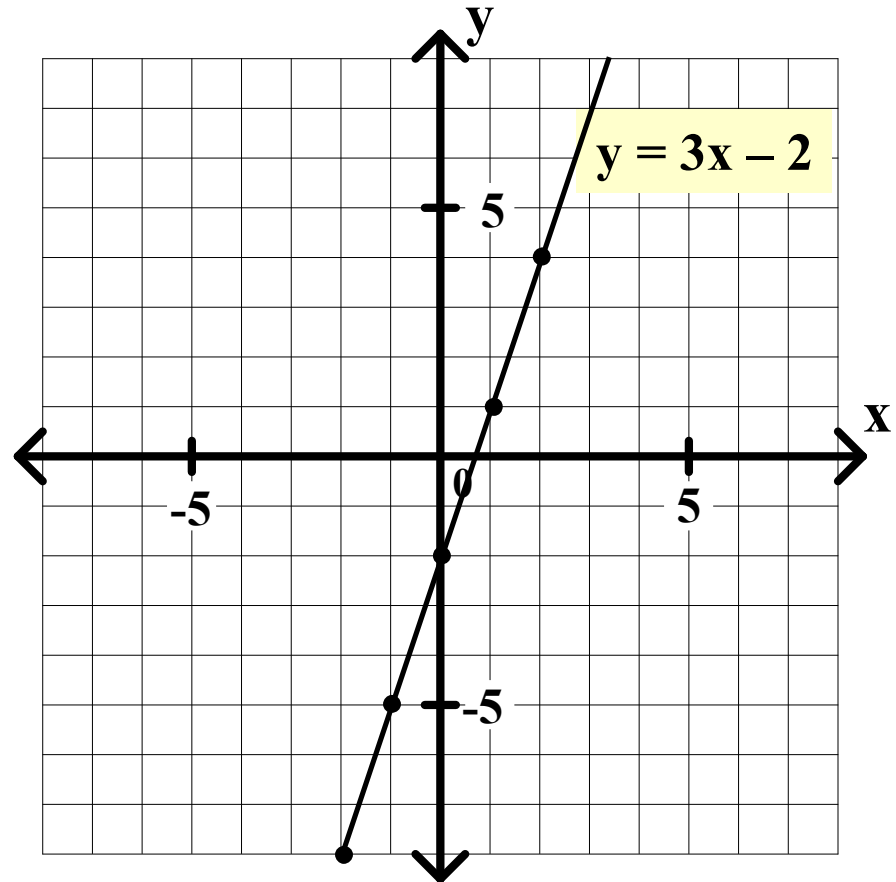
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2	4	$6 - 2$

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x	y	
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-1		2
0		
1		
2		



# Algebra I Graphing Linear Equations

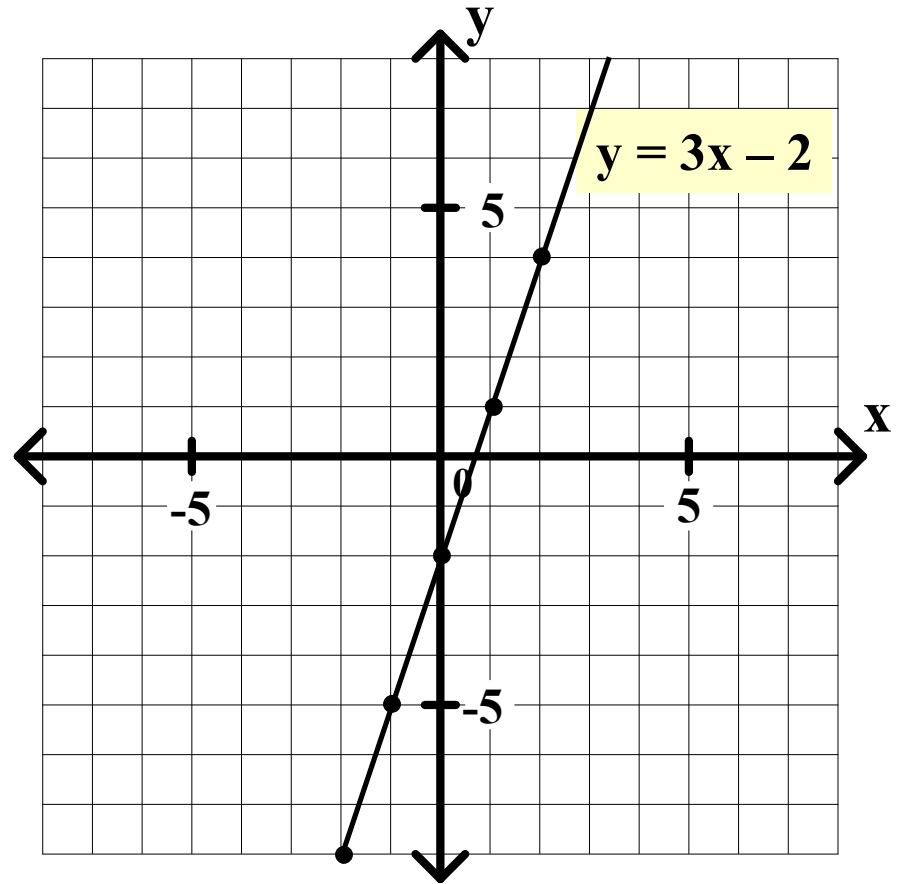
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-2	5	$4 + 1$
-1		$2 + 1$
0		
1		
2		



## Algebra I Graphing Linear Equations

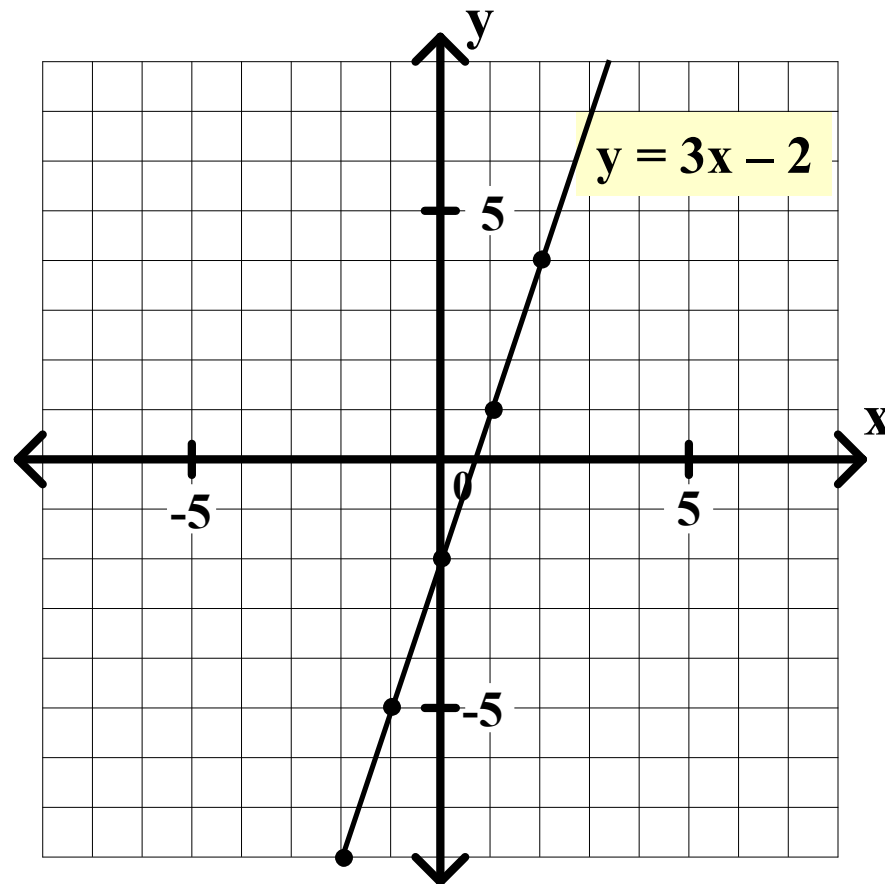
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-1	3	$2 + 1$
0		
1		
2		



# Algebra I Graphing Linear Equations

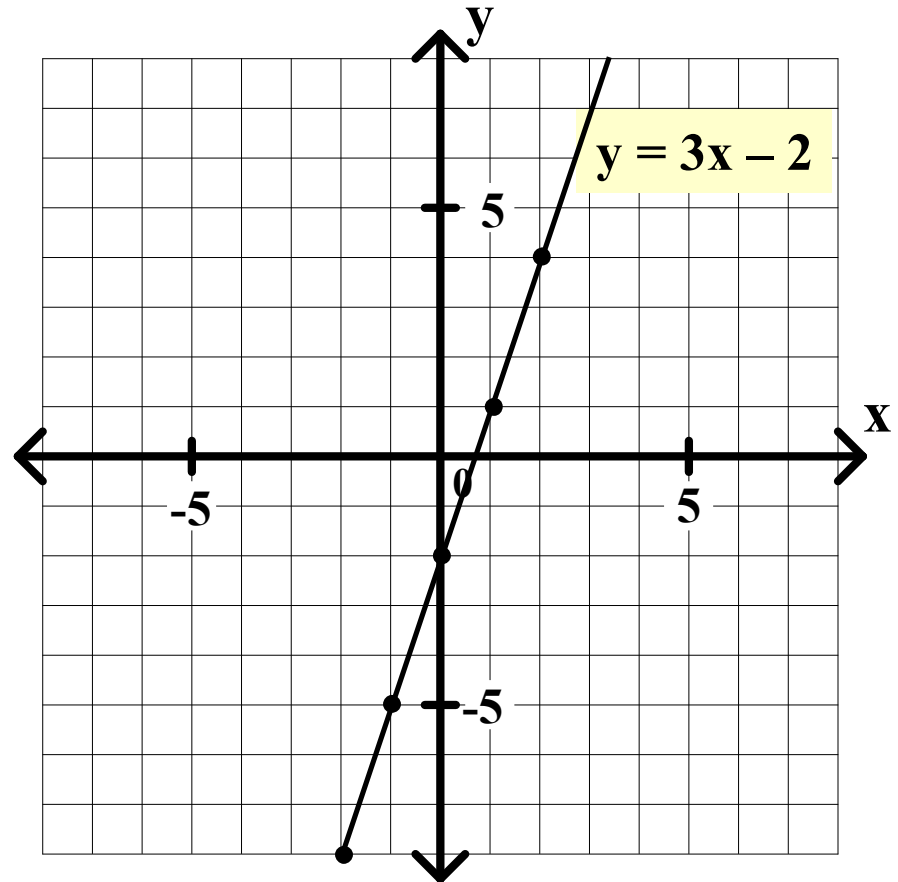
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-1	3	$2 + 1$
0		0
1		
2		





# Algebra I Graphing Linear Equations

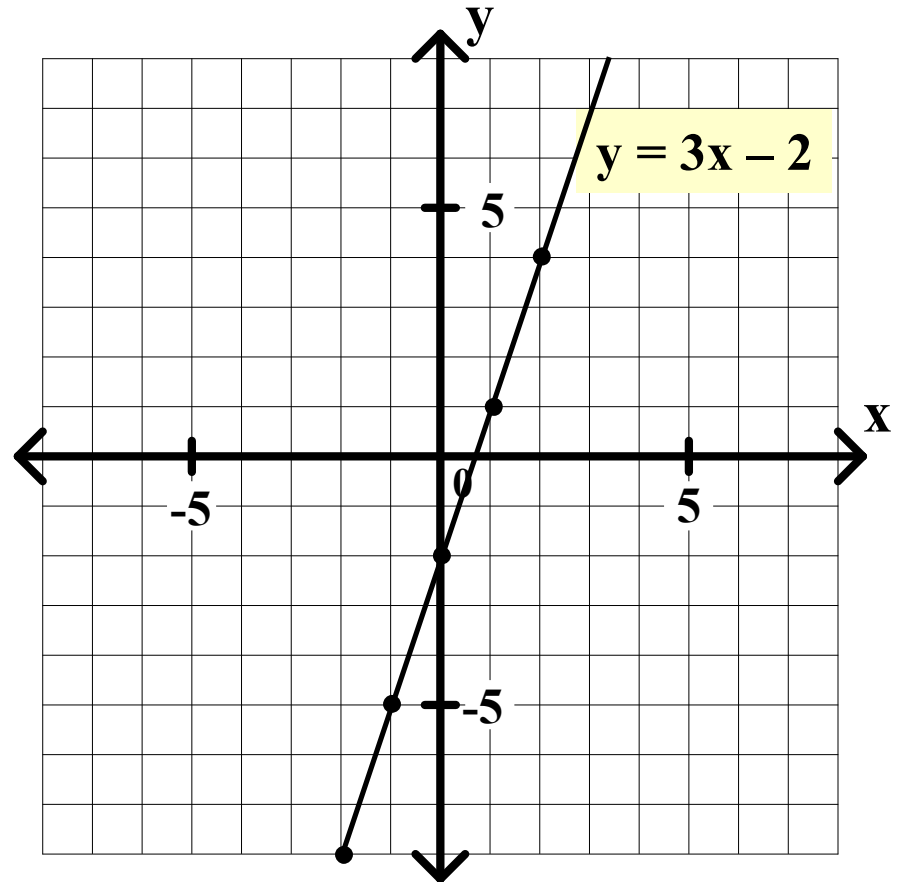
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-1	3	$2 + 1$
0		$0 + 1$
1		
2		



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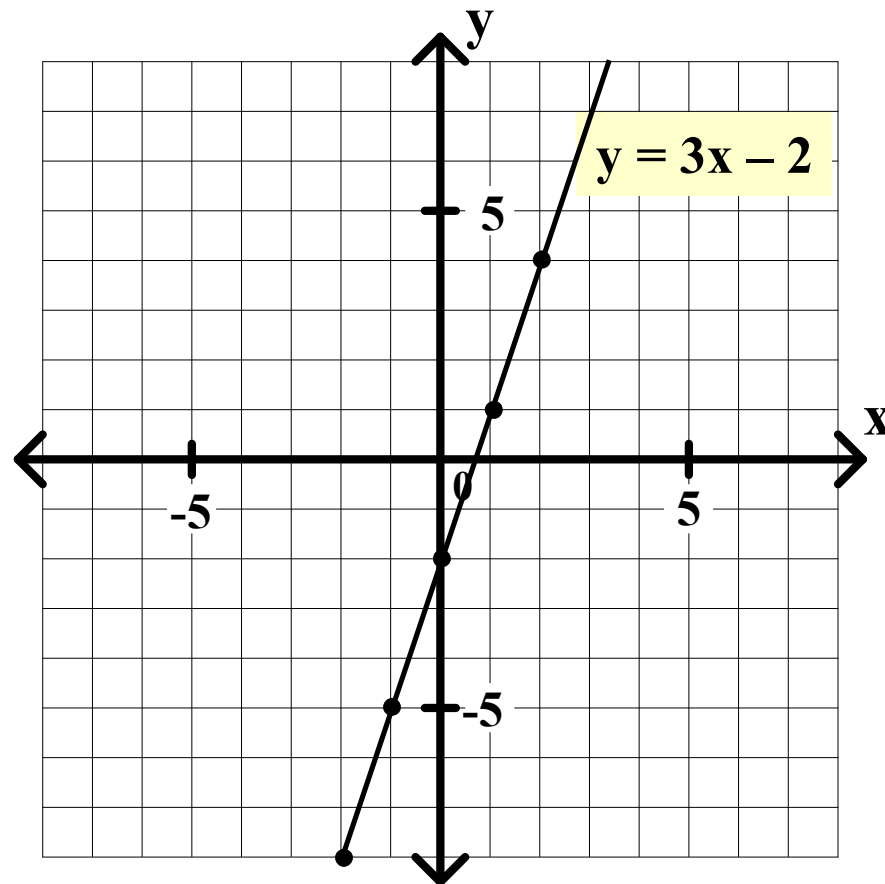
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0	1	$0 + 1$
1		
2		



# Algebra I Graphing Linear Equations

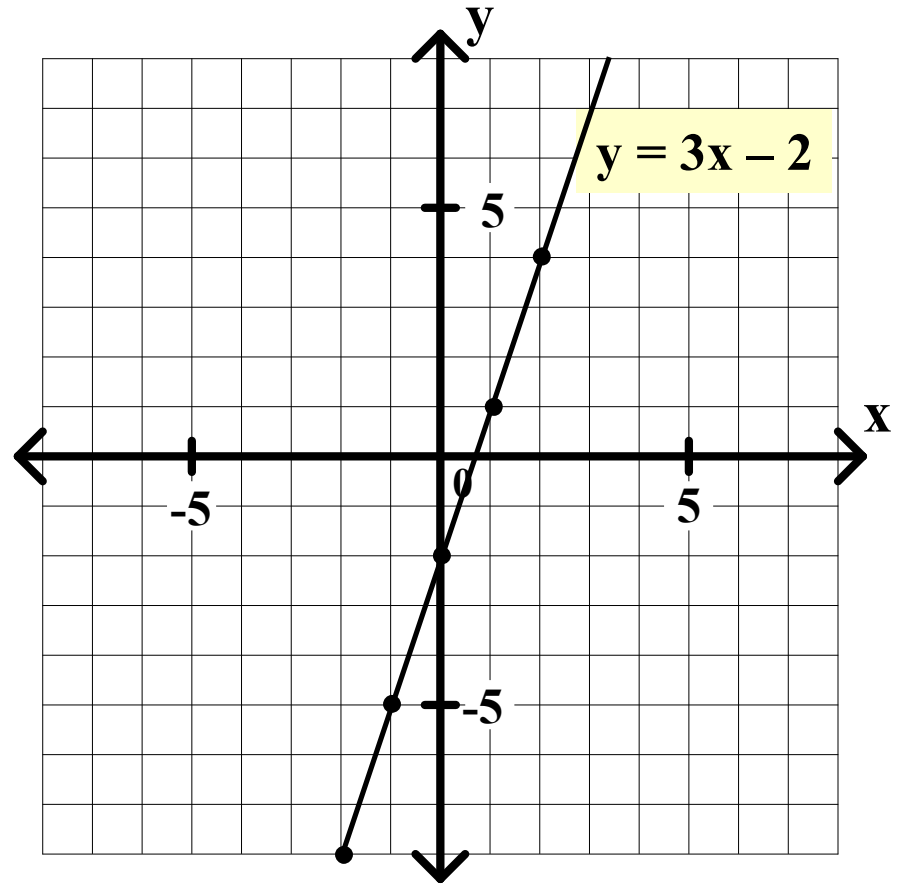
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0	-2	0 - 2
1	1	3 - 2
2	4	6 - 2

7.  $y = -2x + 1$

x	y	
-2	5	4 + 1
-1	3	2 + 1
0	1	0 + 1
1		-2
2		



# Algebra I Graphing Linear Equations

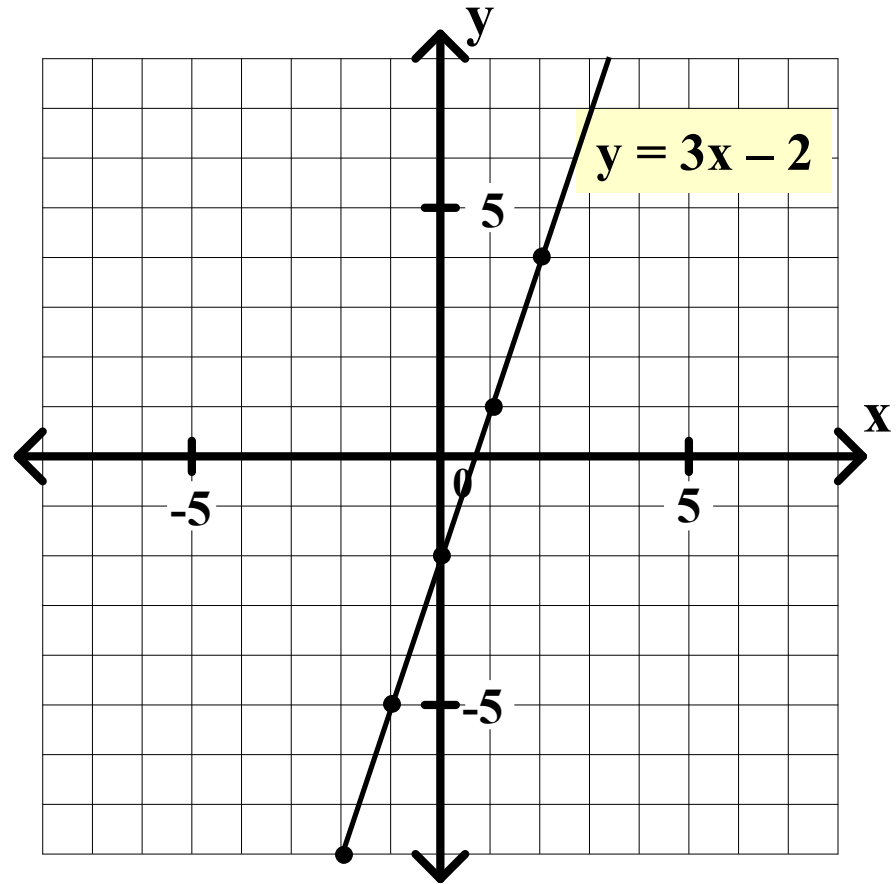
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0	1	0 + 1
1		-2 + 1
2		



# Algebra I Graphing Linear Equations

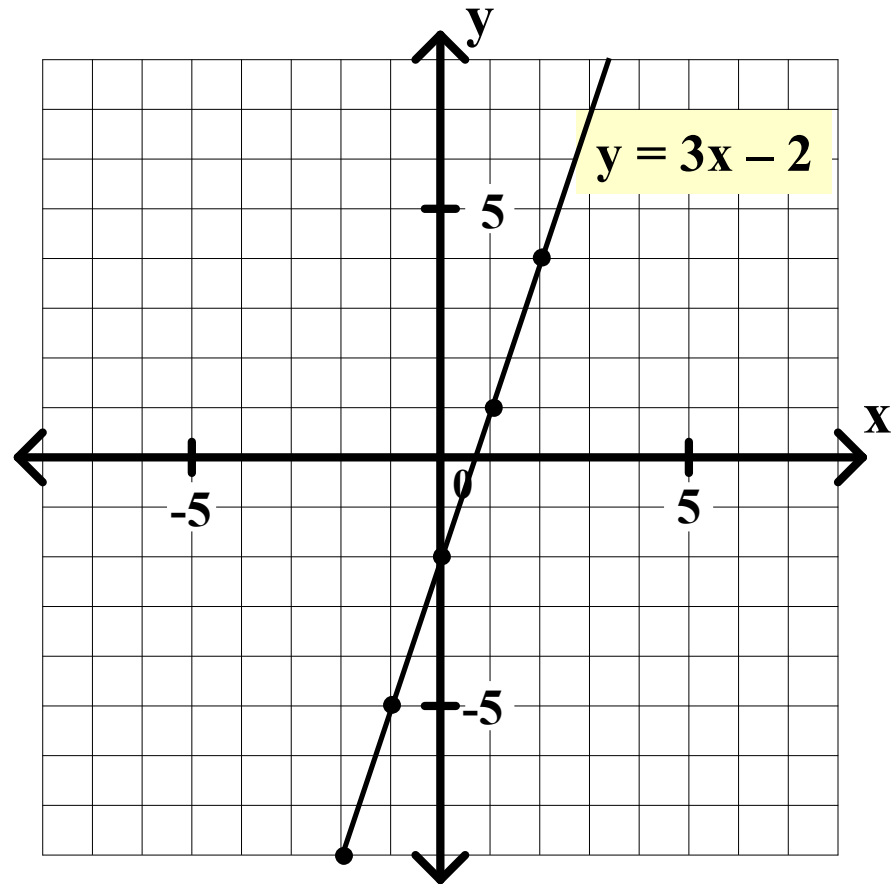
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2		



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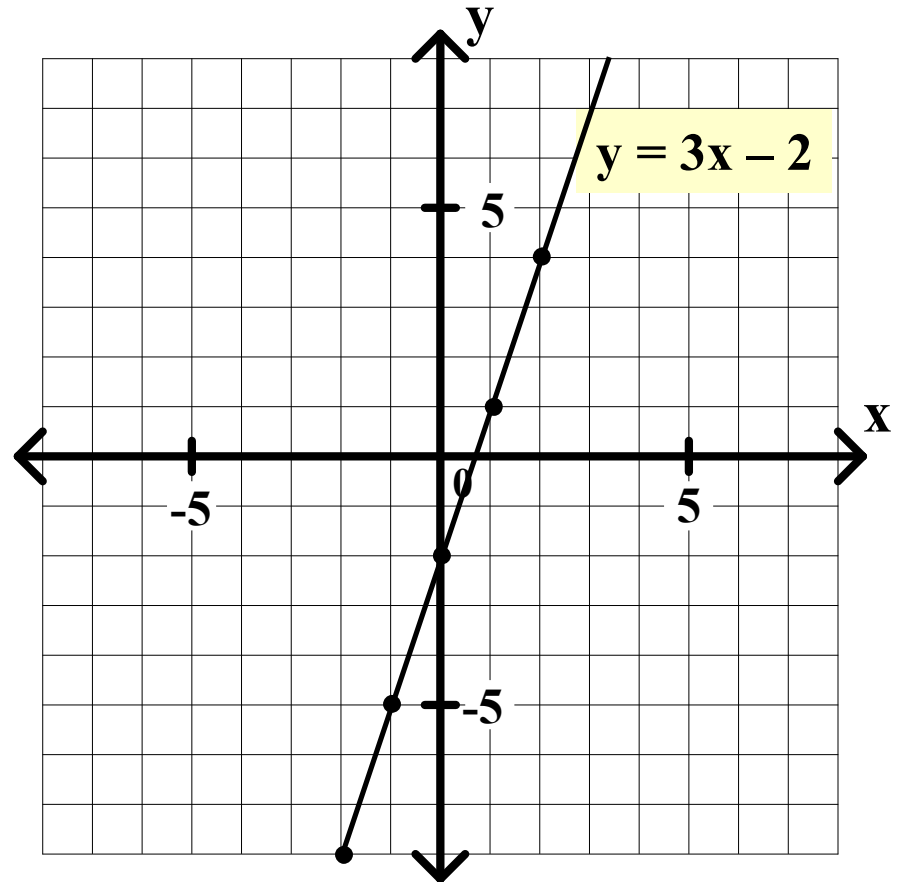
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2		-4



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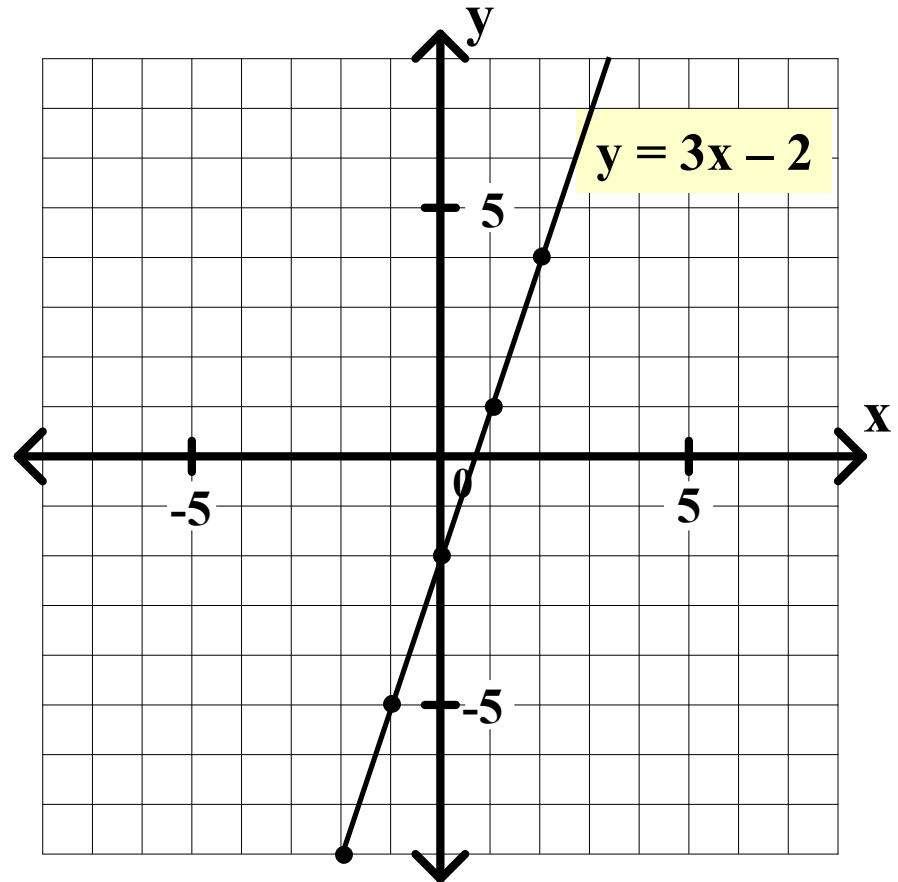
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2		$-4 + 1$



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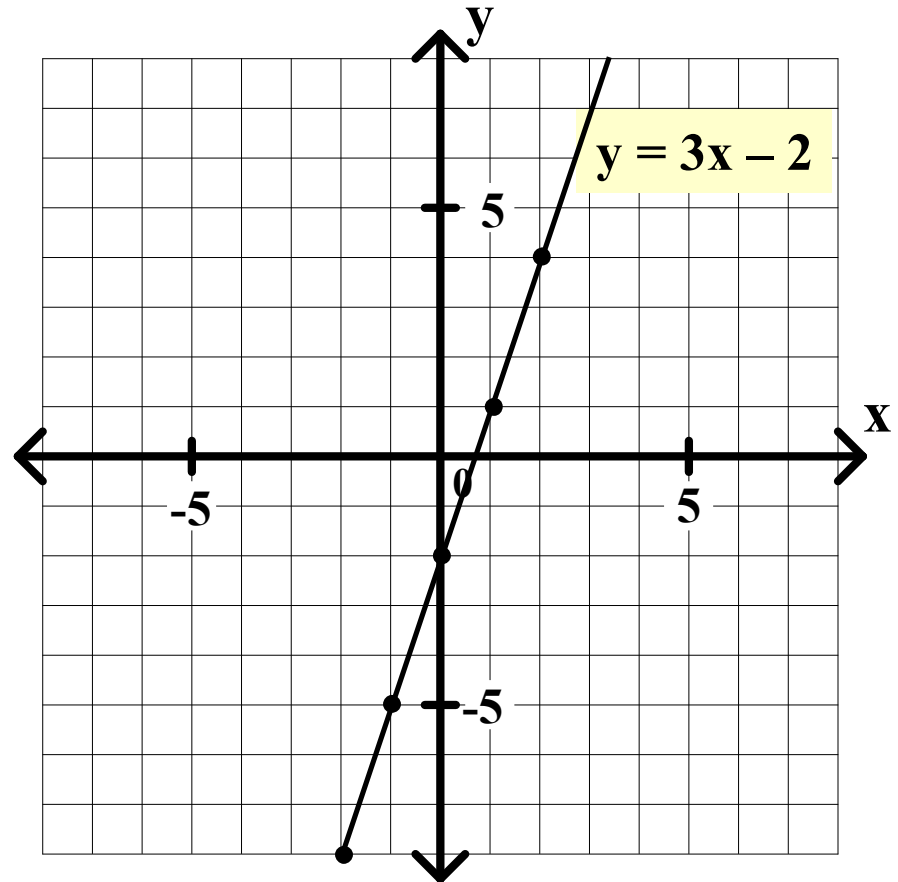
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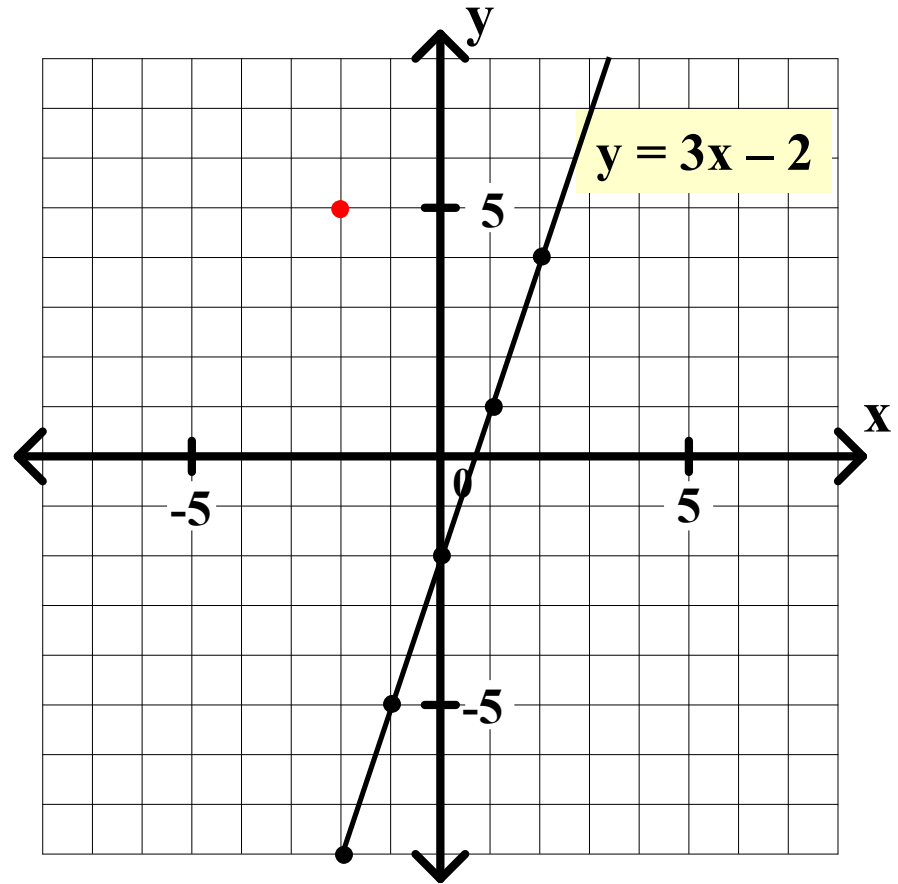
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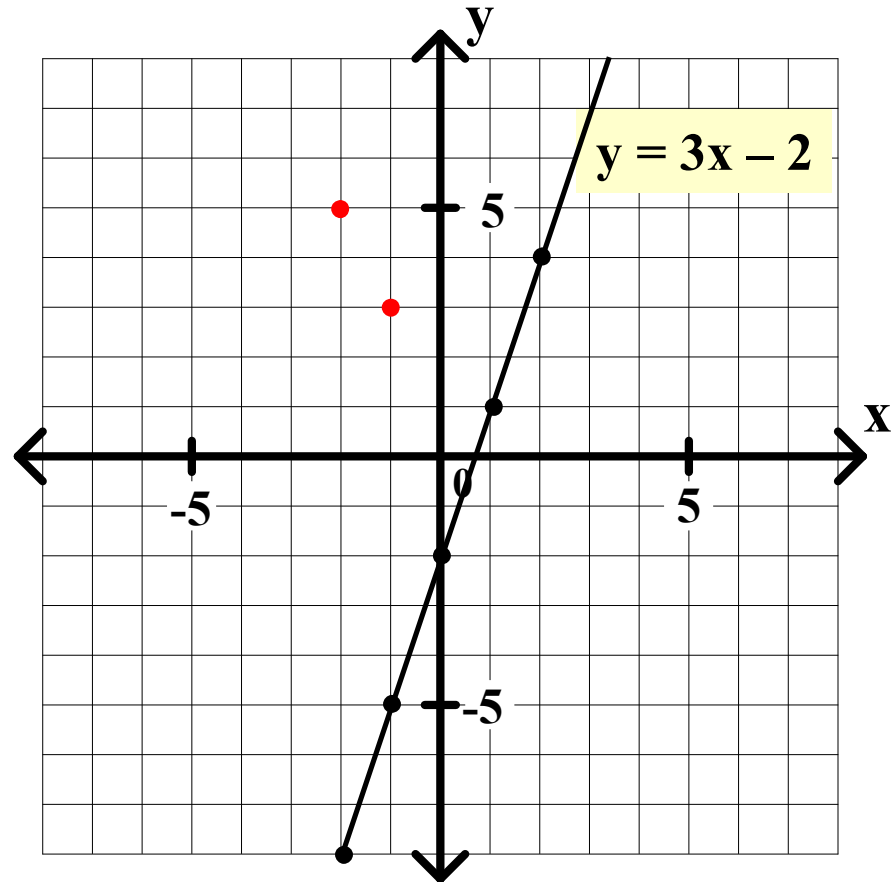
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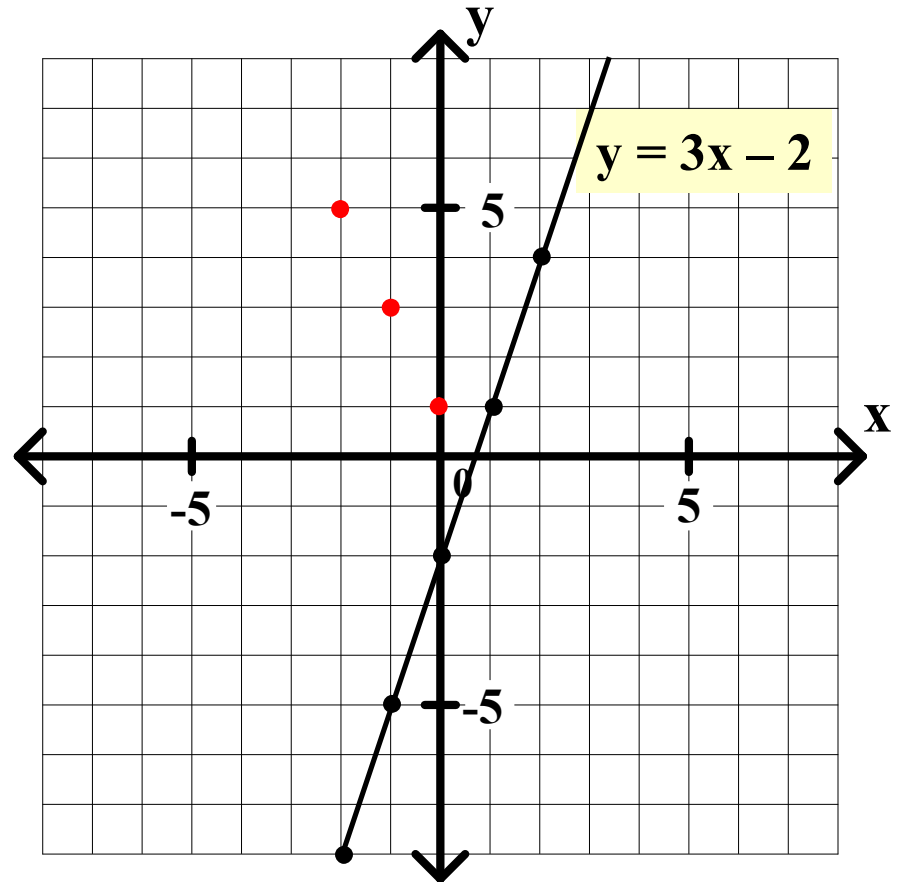
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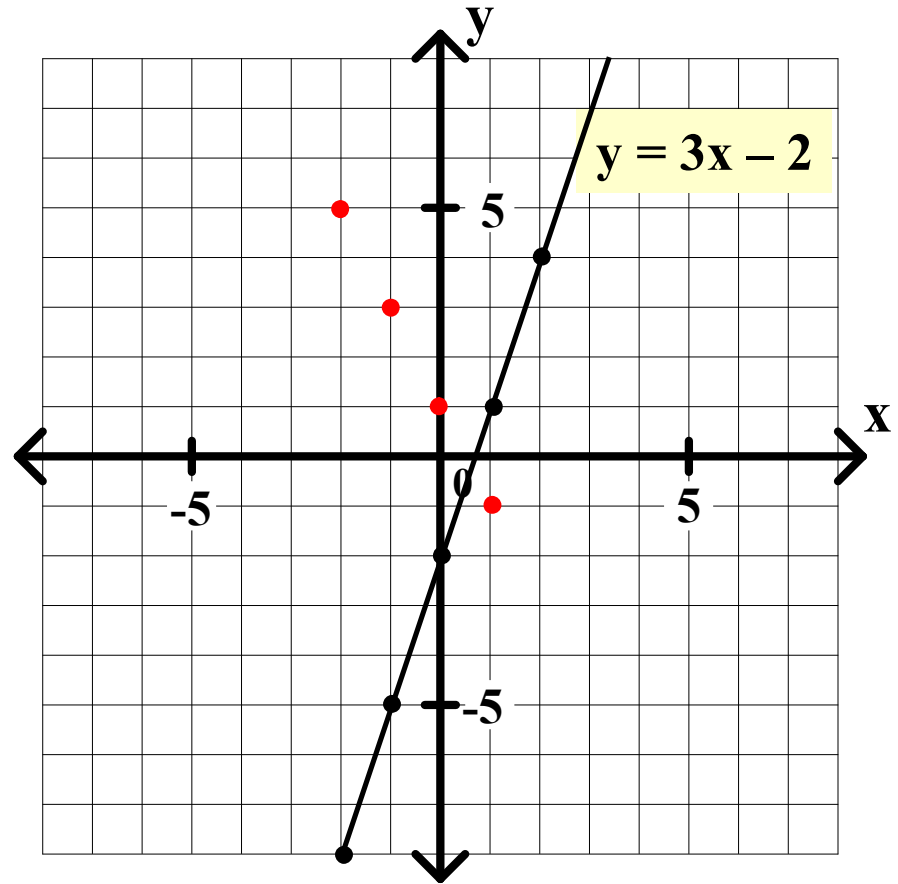
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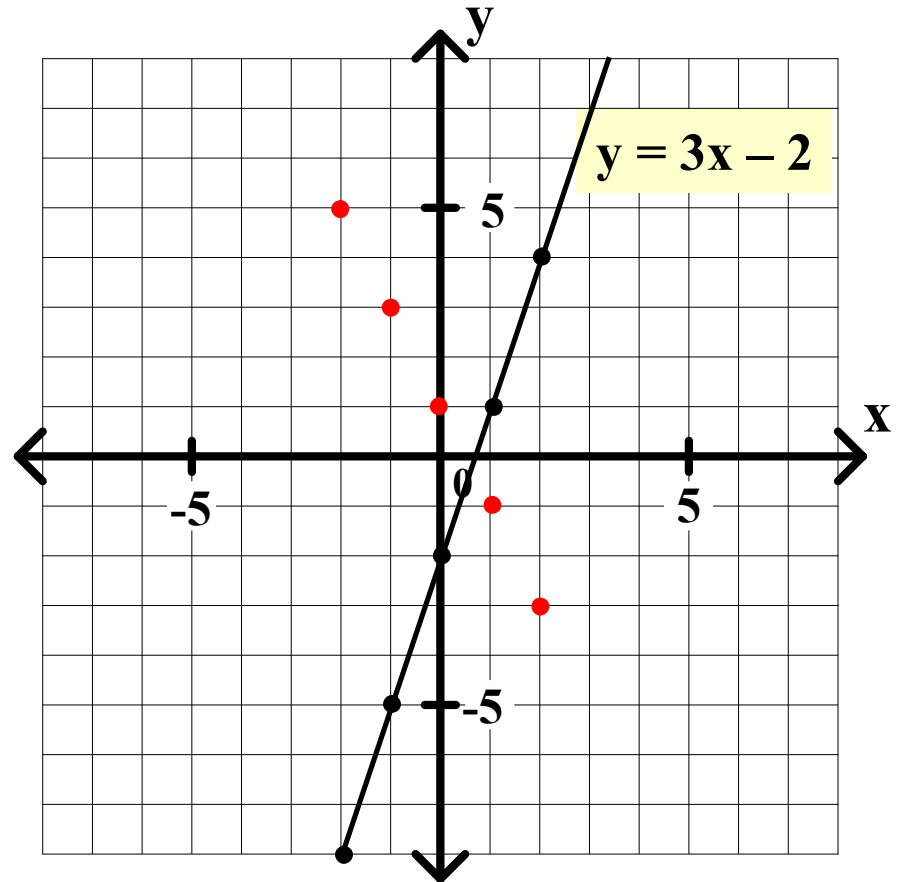
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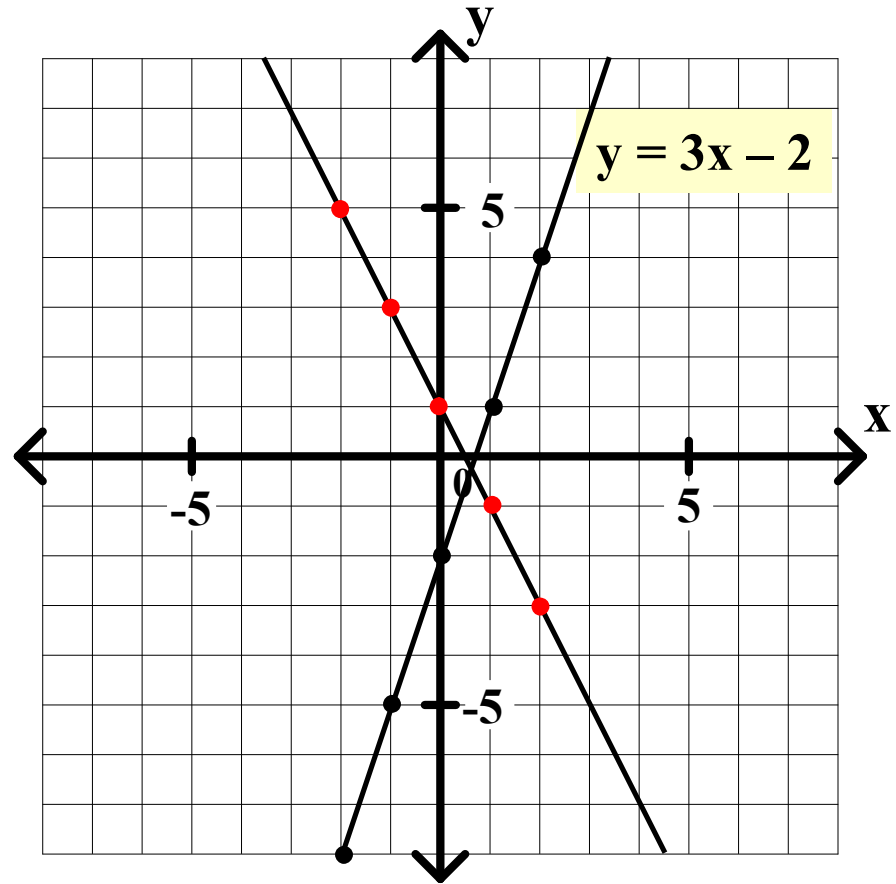
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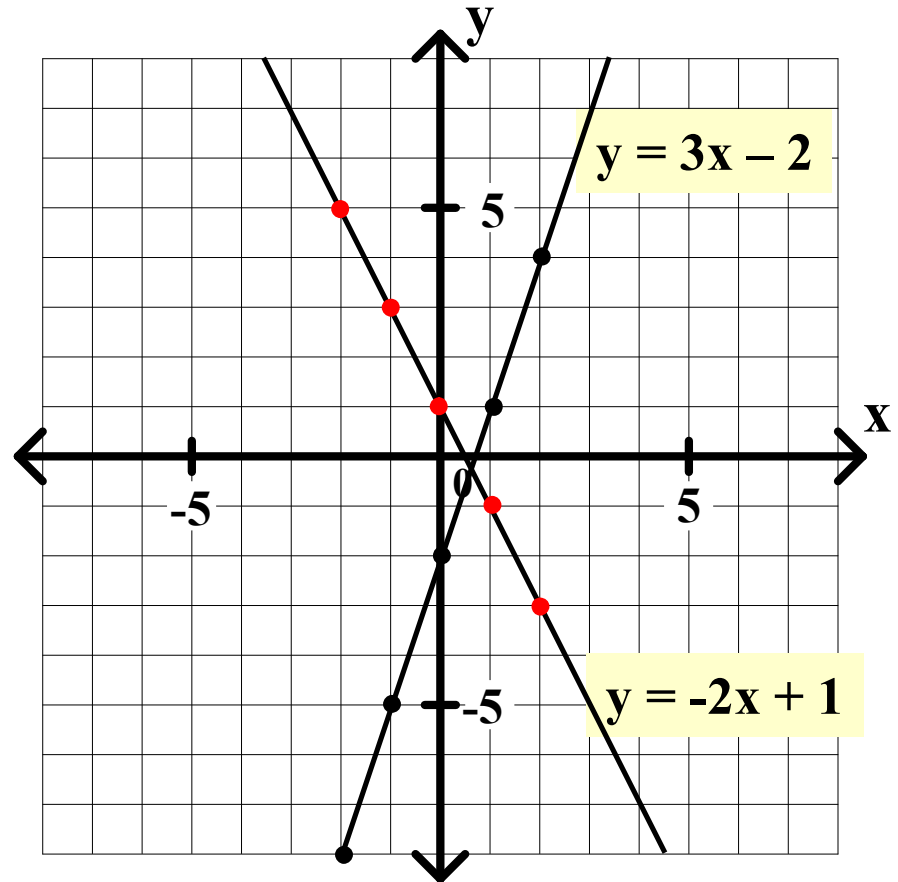
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## Algebra I Graphing Linear Equations

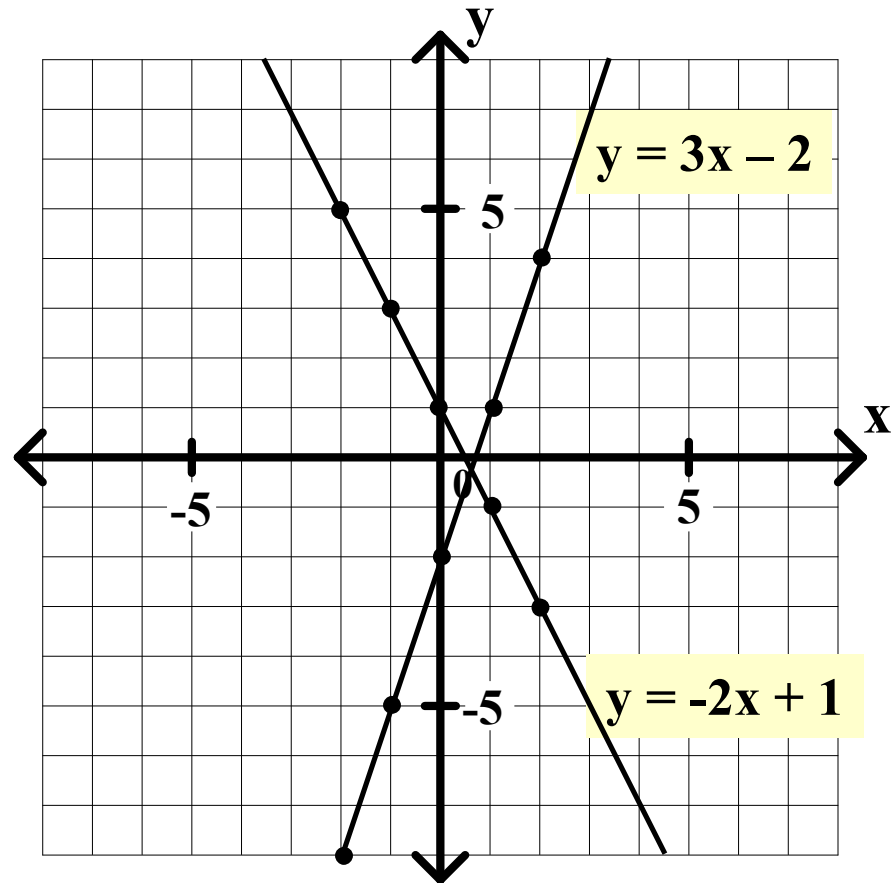
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x	y	
-2	5	$4 + 1$
-1	3	$2 + 1$
0	1	$0 + 1$
1	-1	$-2 + 1$
2	-3	$-4 + 1$





## Algebra I Graphing Linear Equations

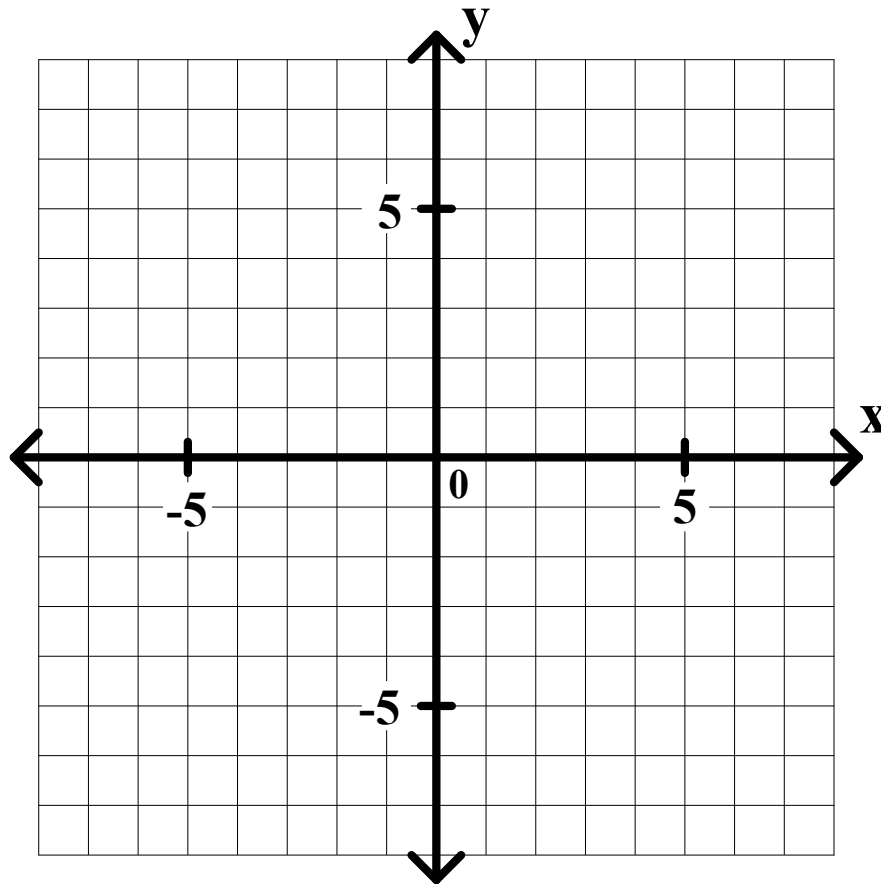
Fill out the x-y tables and graph the equations.

8.  $y + 2x = 4$

x	y
-2	
-1	
0	
1	
2	

9.  $y - 3x = 2$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

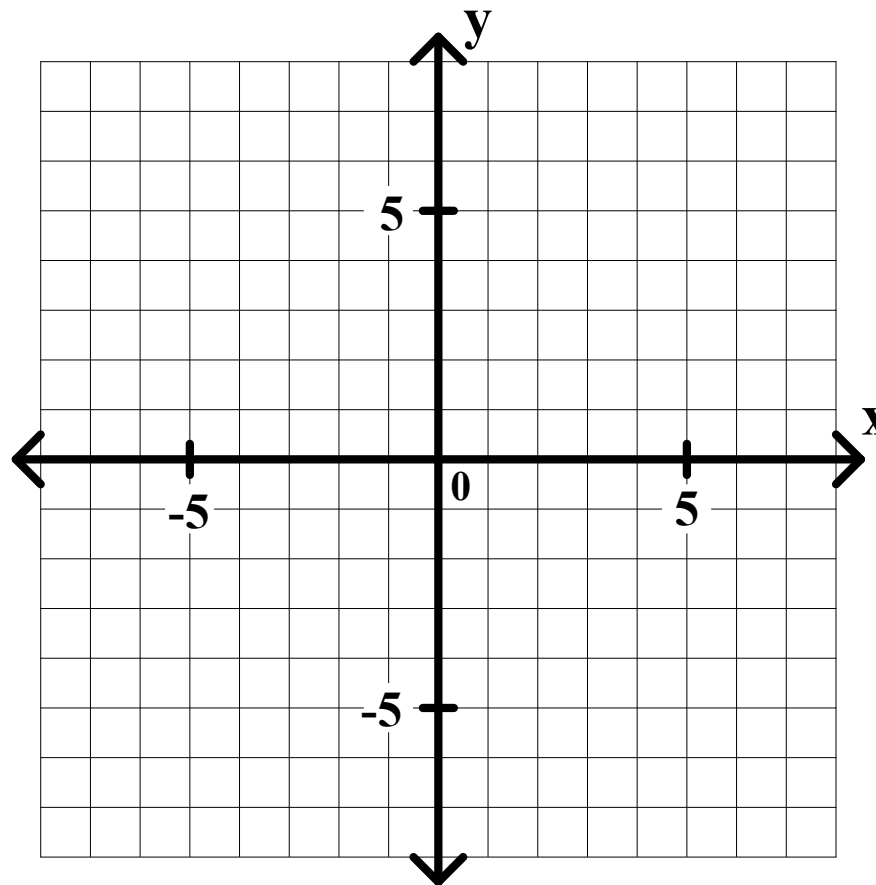
8.  $y + 2x = 4$

x	y
-2	
-1	
0	
1	
2	

9.  $y - 3x = 2$

x	y
-2	
-1	
0	
1	
2	

**Solve for y first !!**



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

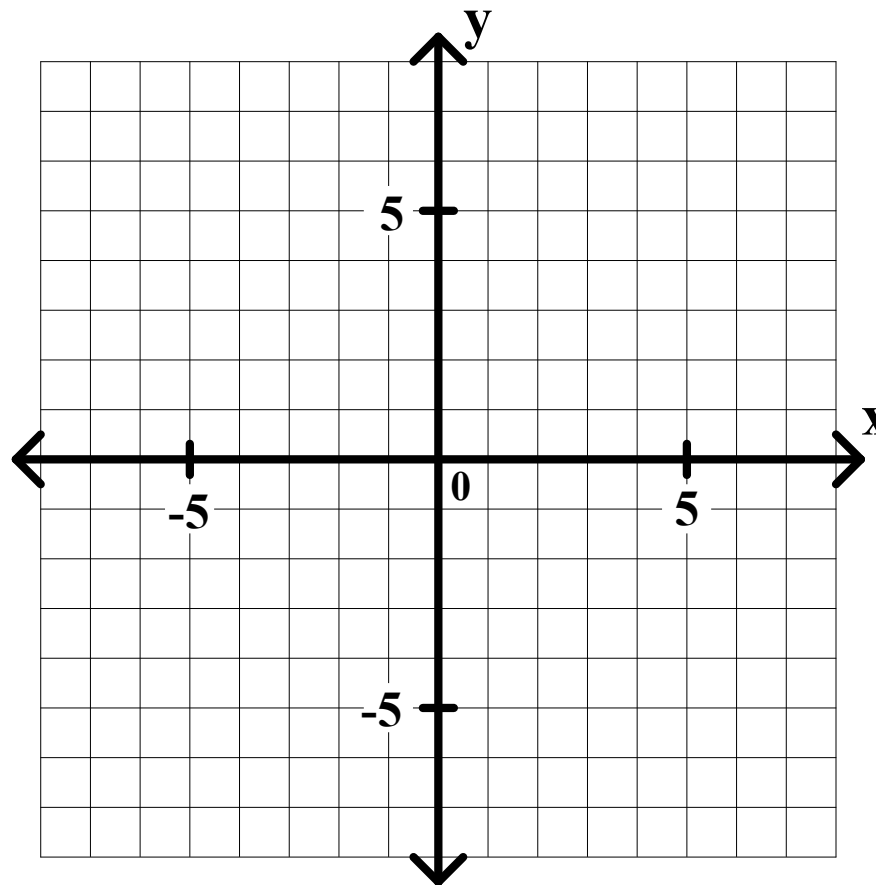
8.  $y + 2x = 4$   
     $-2x \quad -2x$

x	y
-2	
-1	
0	
1	
2	

9.  $y - 3x = 2$

x	y
-2	
-1	
0	
1	
2	

**Solve for y first !!**



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

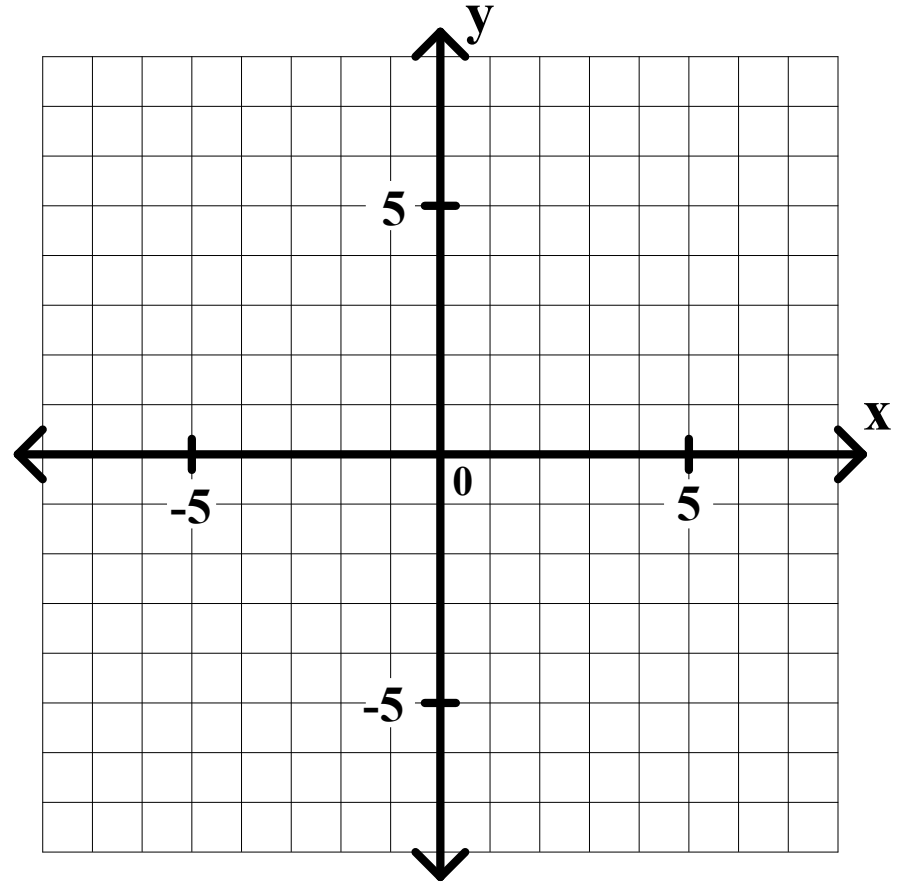
$$8. \quad \begin{array}{r} y + 2x = 4 \\ -2x \quad -2x \\ \hline \end{array}$$

x	y
-2	
-1	
0	
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	

**Solve for y first !!**



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$8. \quad \begin{array}{r} y + 2x = 4 \\ -2x \quad -2x \\ \hline \end{array}$$

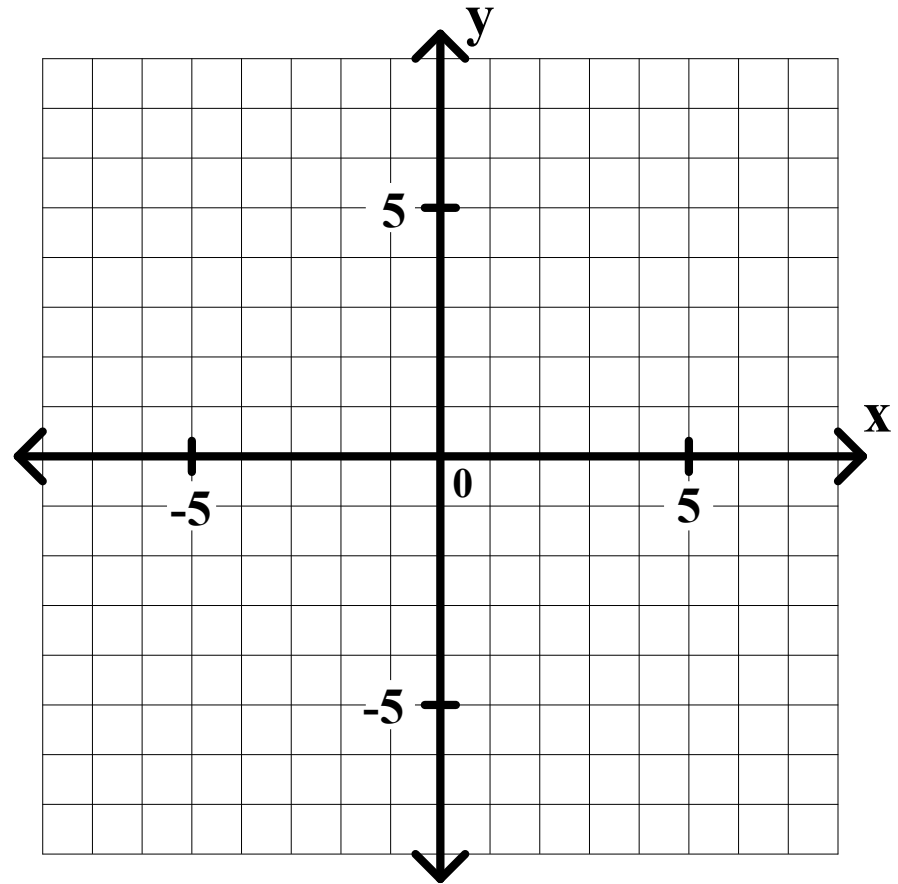
y =

x	y
-2	
-1	
0	
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	

**Solve for y first !!**



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline \end{array}$$

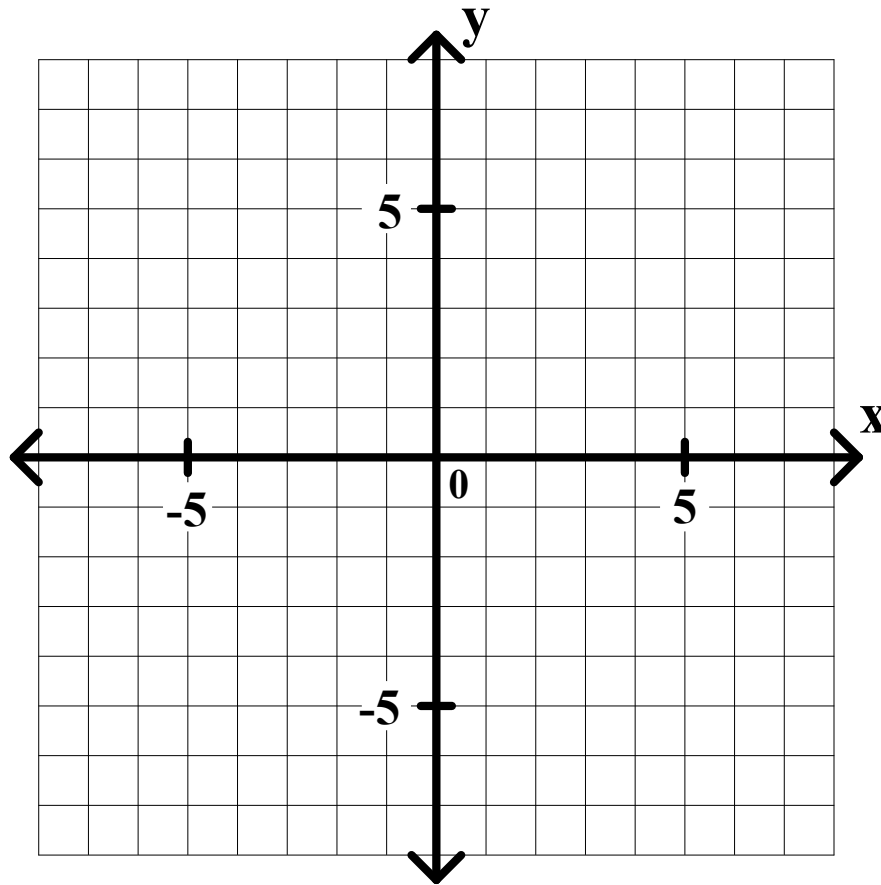
$$y = -2x$$

x	y
-2	
-1	
0	
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	

**Solve for y first !!**



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$8. \quad \begin{array}{r} y + 2x = 4 \\ -2x \quad -2x \\ \hline \end{array}$$

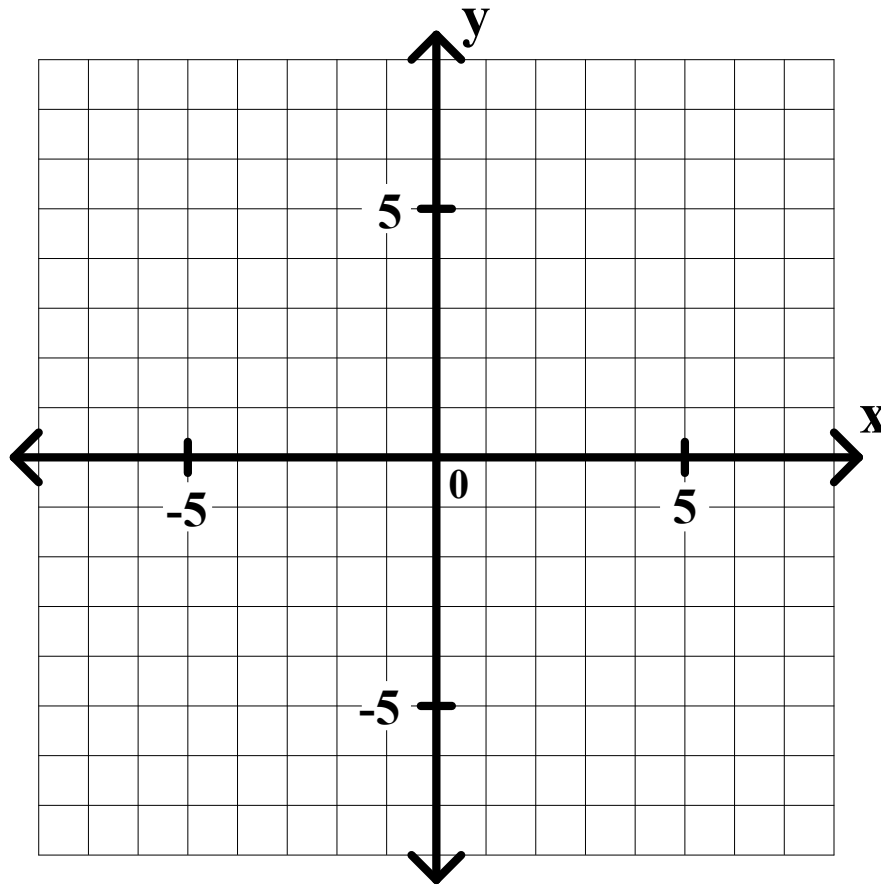
$$y = -2x +$$

x	y
-2	
-1	
0	
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	

**Solve for y first !!**



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

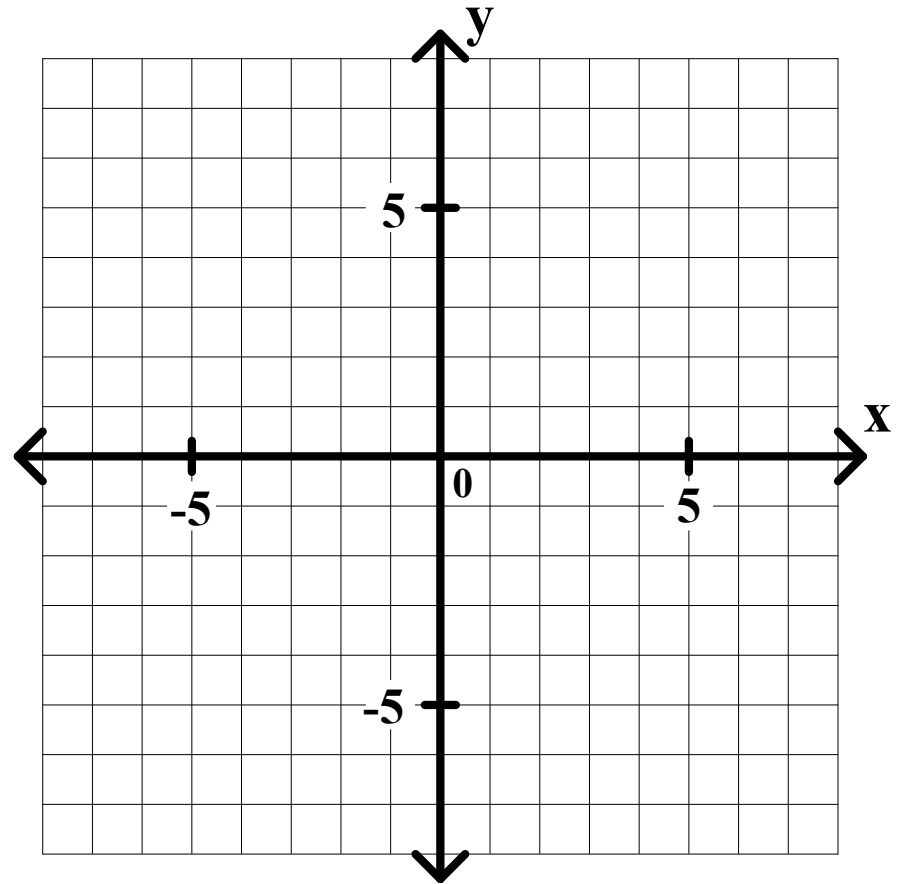
$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	
-1	
0	
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	

**Solve for y first !!**





## Algebra I Graphing Linear Equations

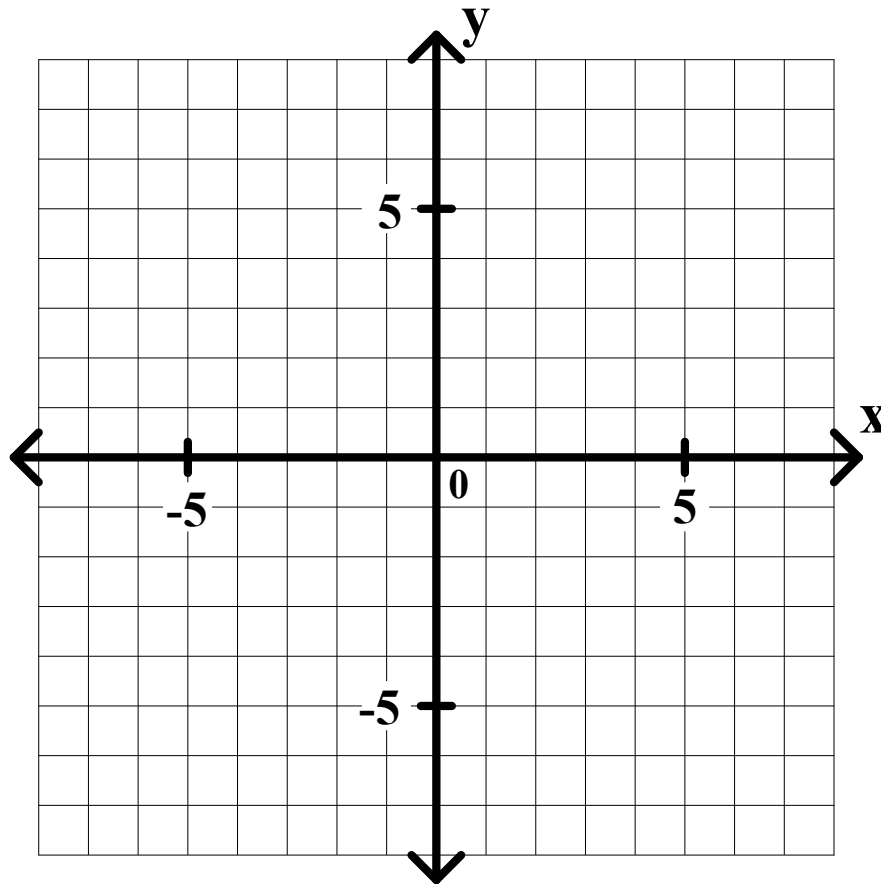
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	
-1	
0	
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

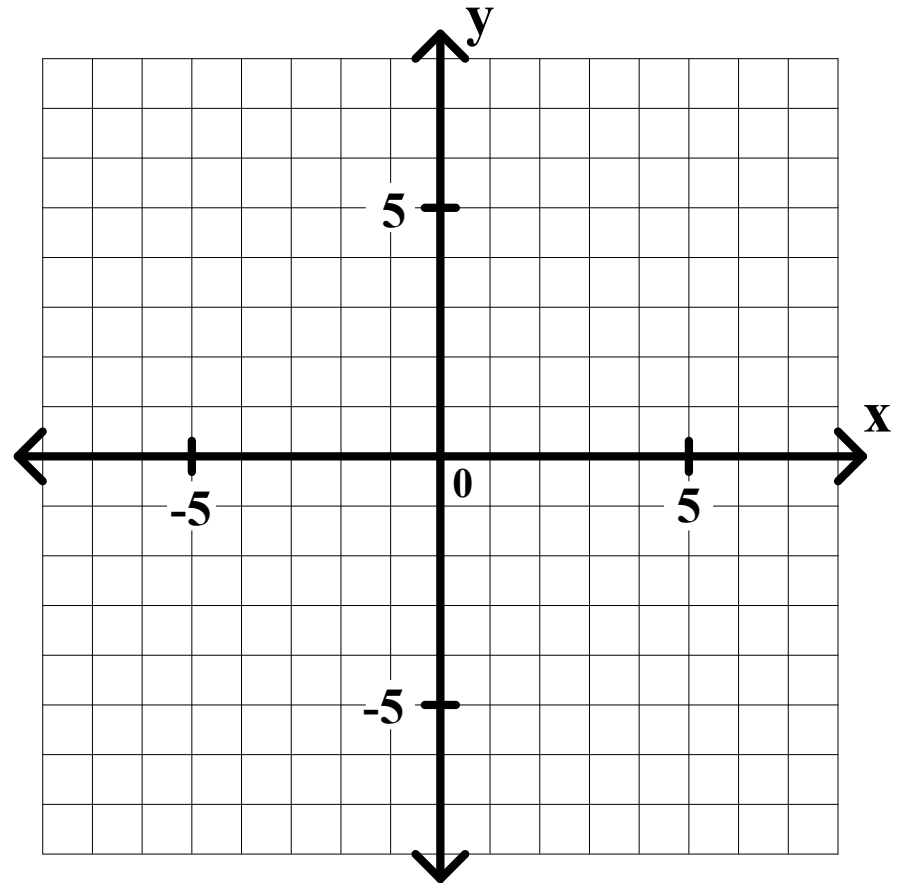
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	4
-1	
0	
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

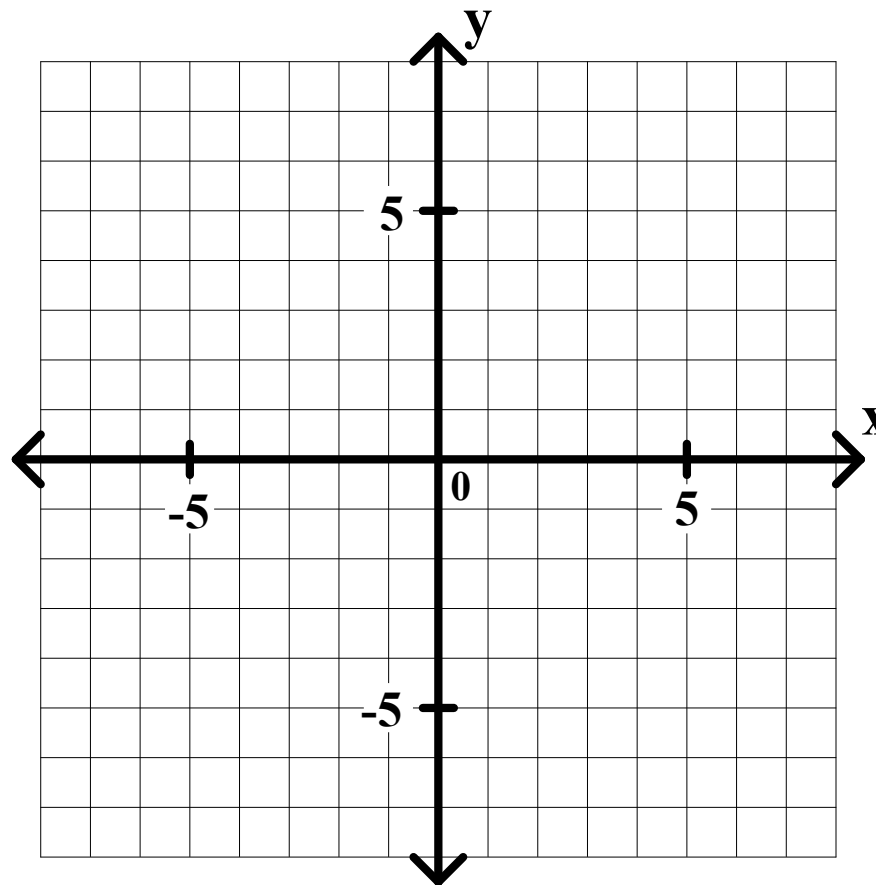
$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	
-1	
0	
1	
2	

4 + 4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

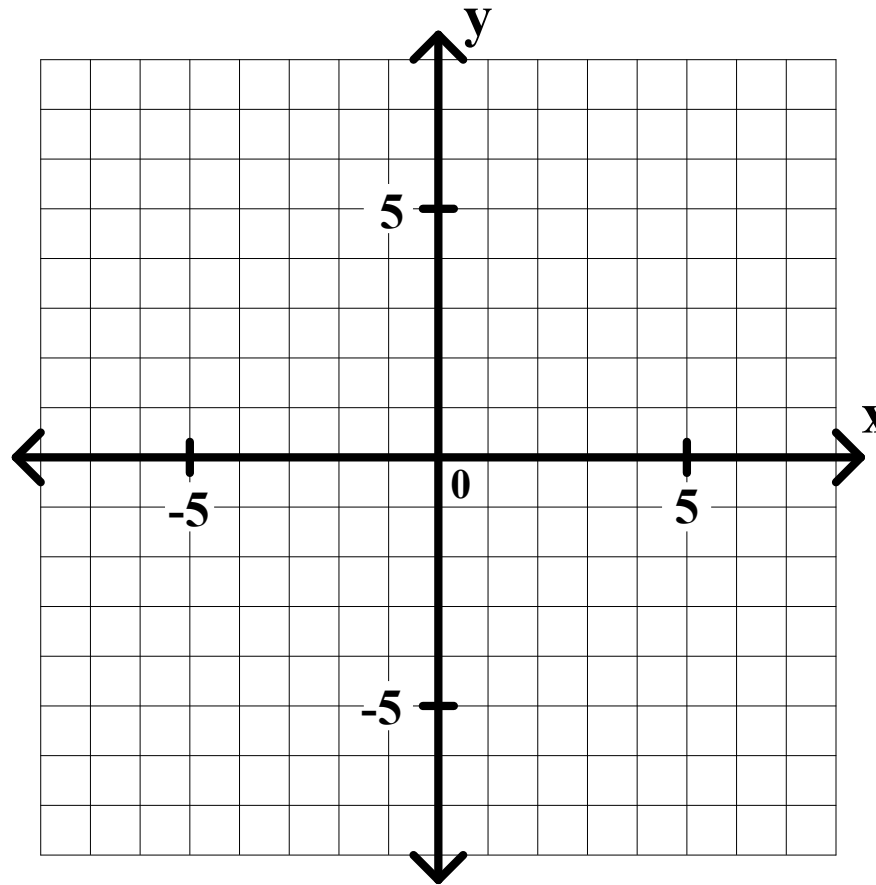
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	<b>8</b> <b>4 + 4</b>
-1	
0	
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

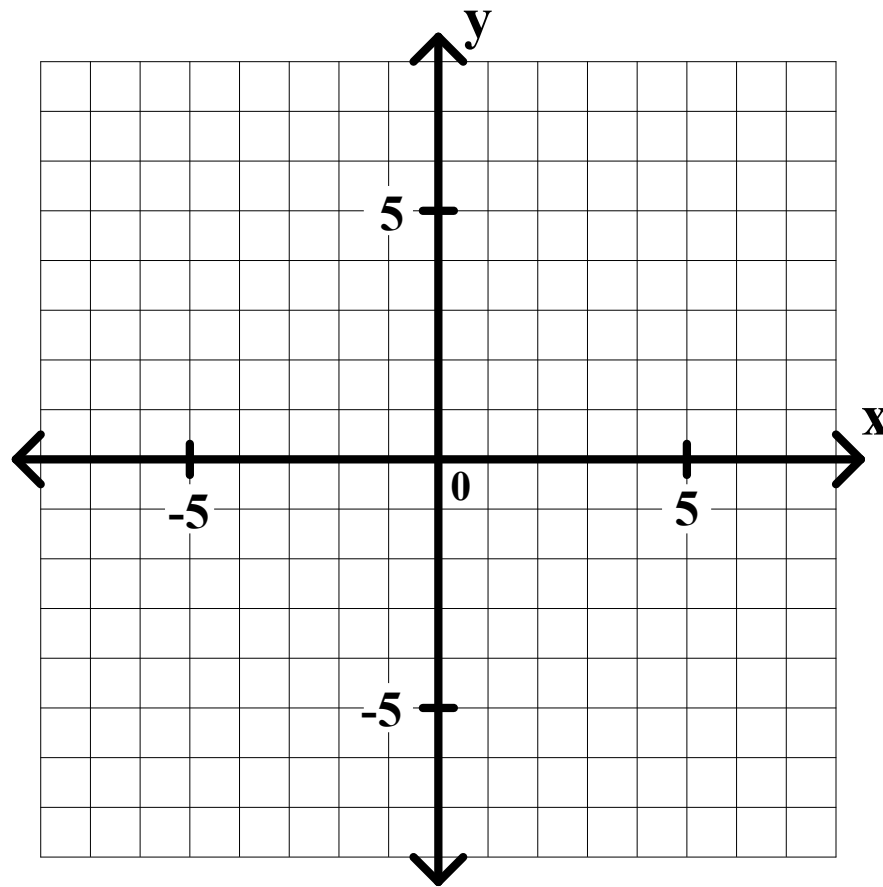
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	8
-1	2
0	
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

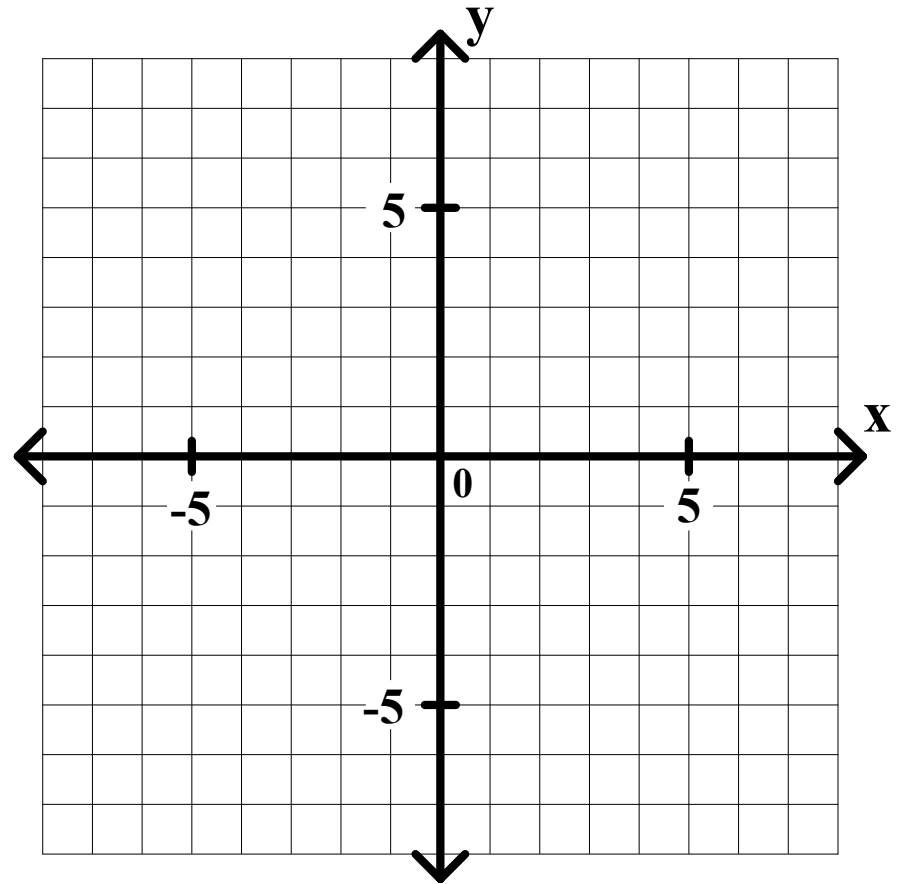
$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	8
-1	
0	
1	
2	

$$\begin{array}{l} 4 + 4 \\ 2 + 4 \end{array}$$

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

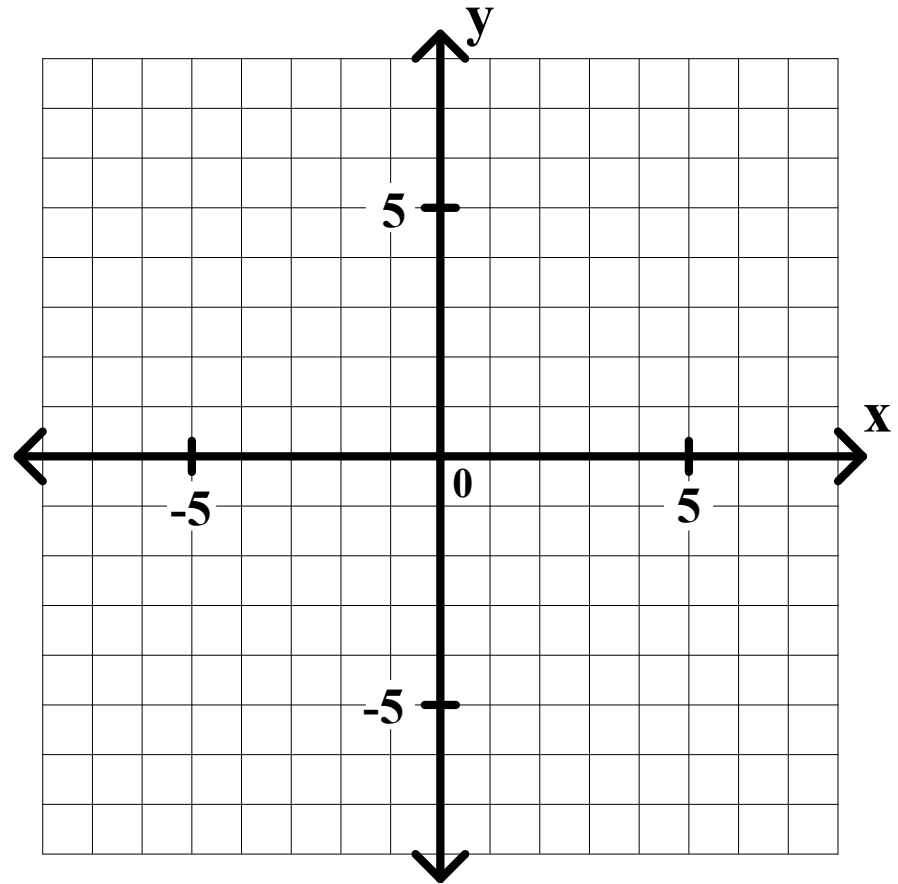
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	8
-1	6
0	
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

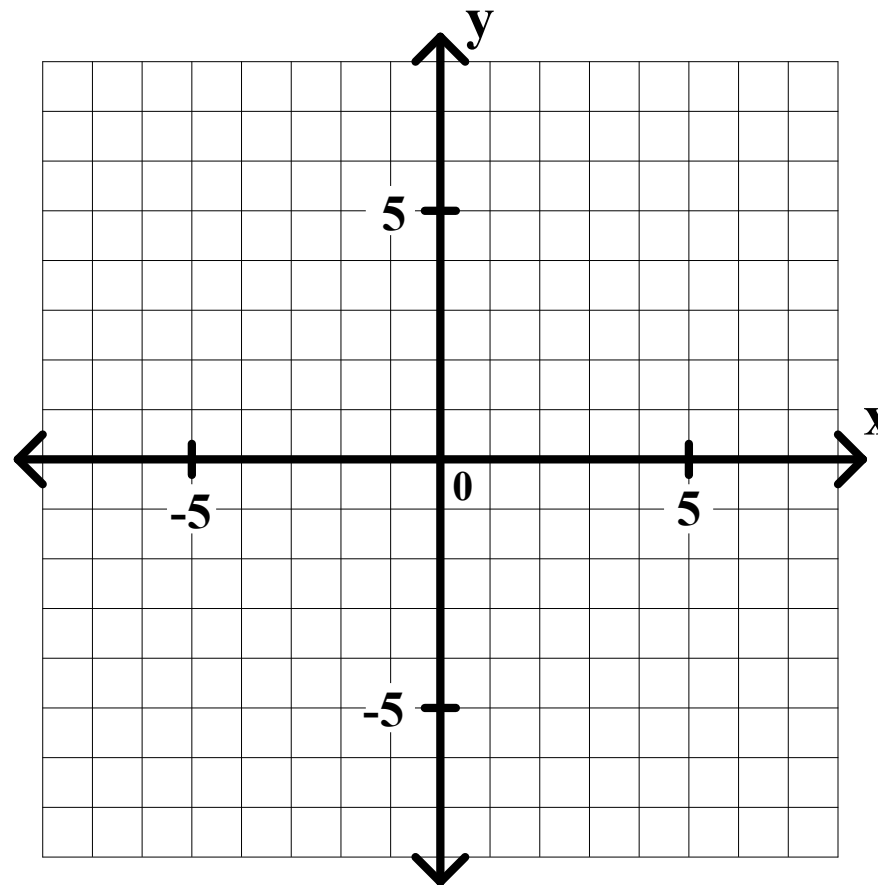
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	8
-1	6
0	0
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	





## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	8
-1	6
0	
1	
2	

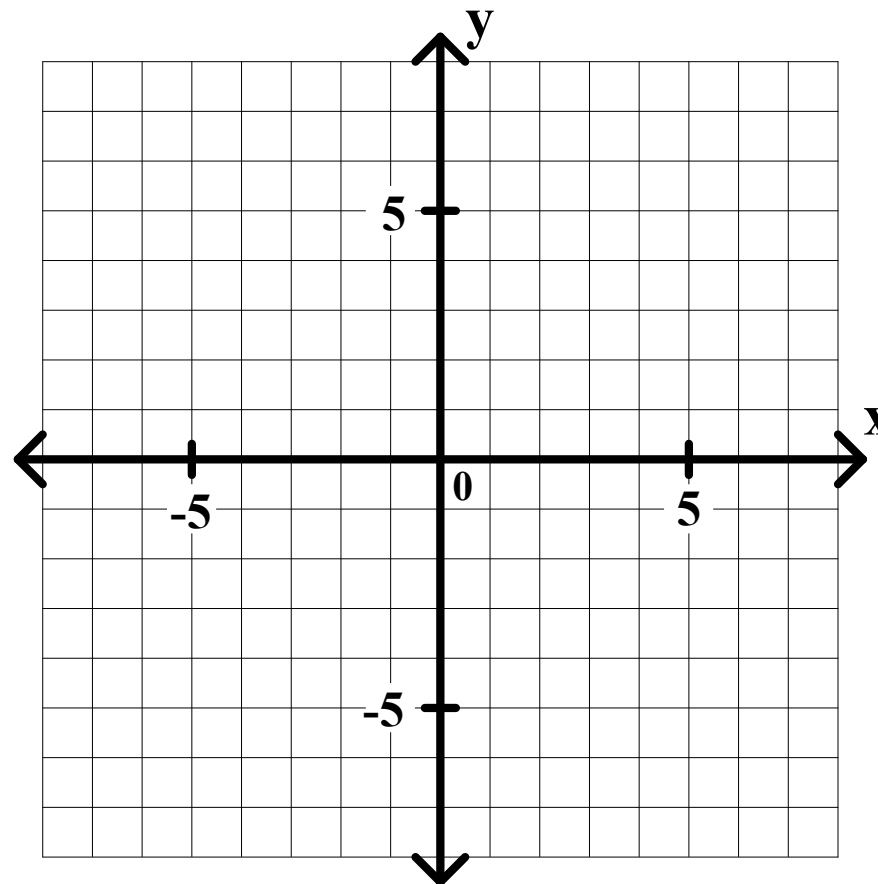
$4 + 4$

$2 + 4$

$0 + 4$

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

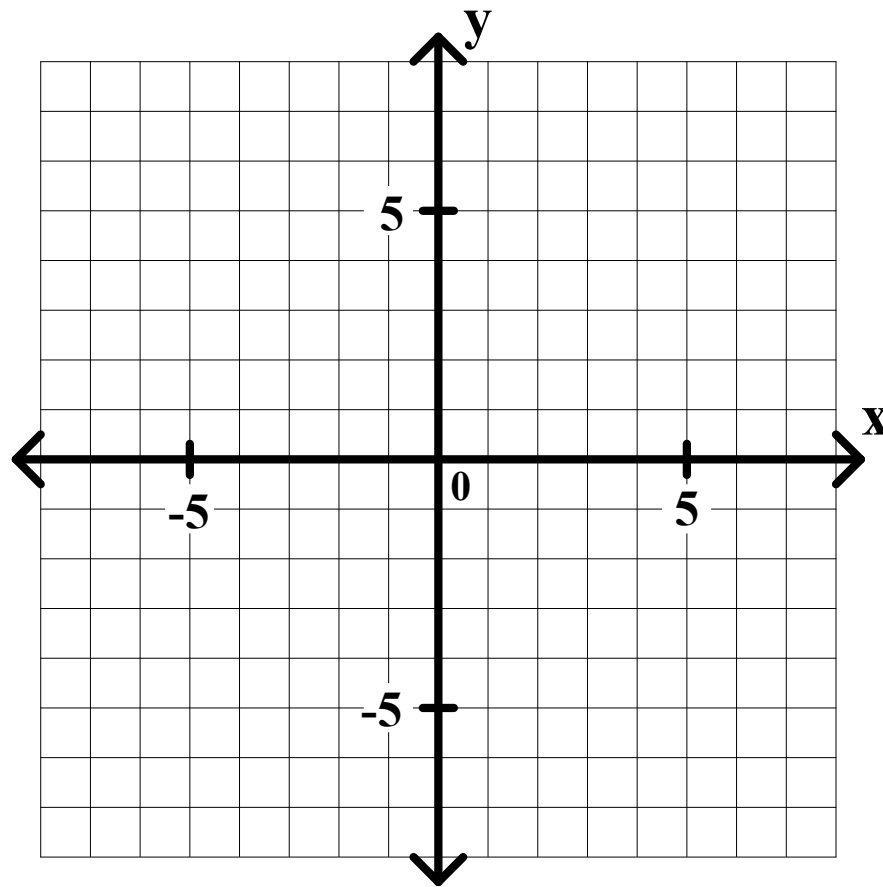
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y
-2	8
-1	6
0	4
1	
2	

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

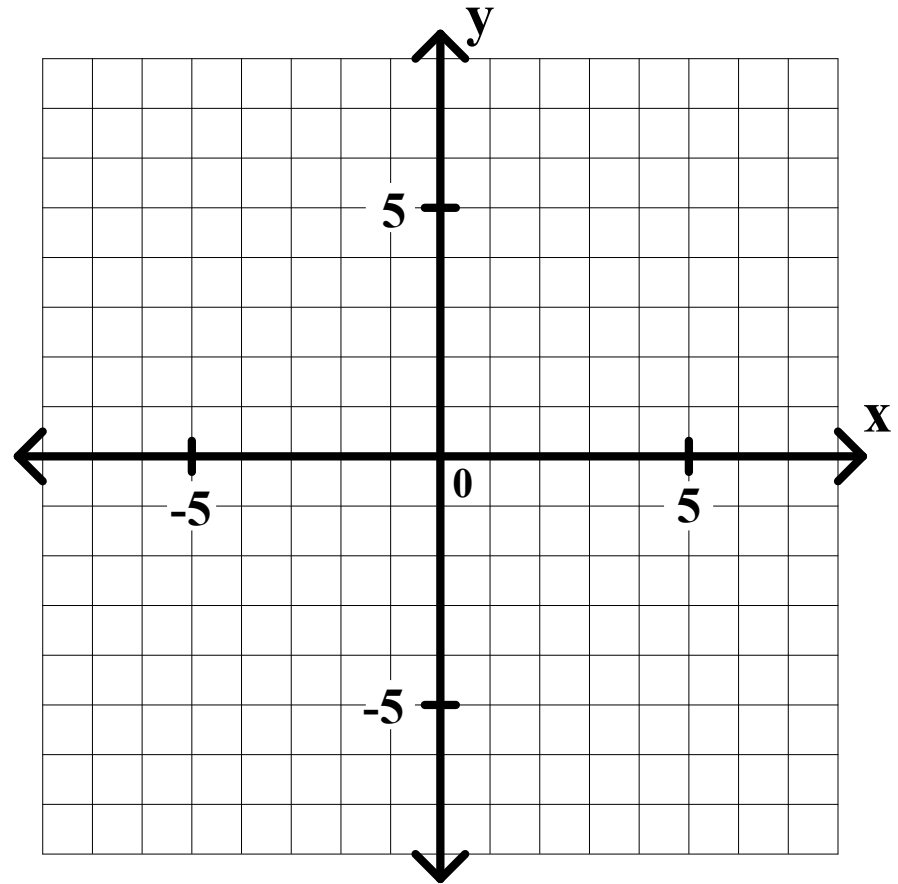
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1		-2
2		

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

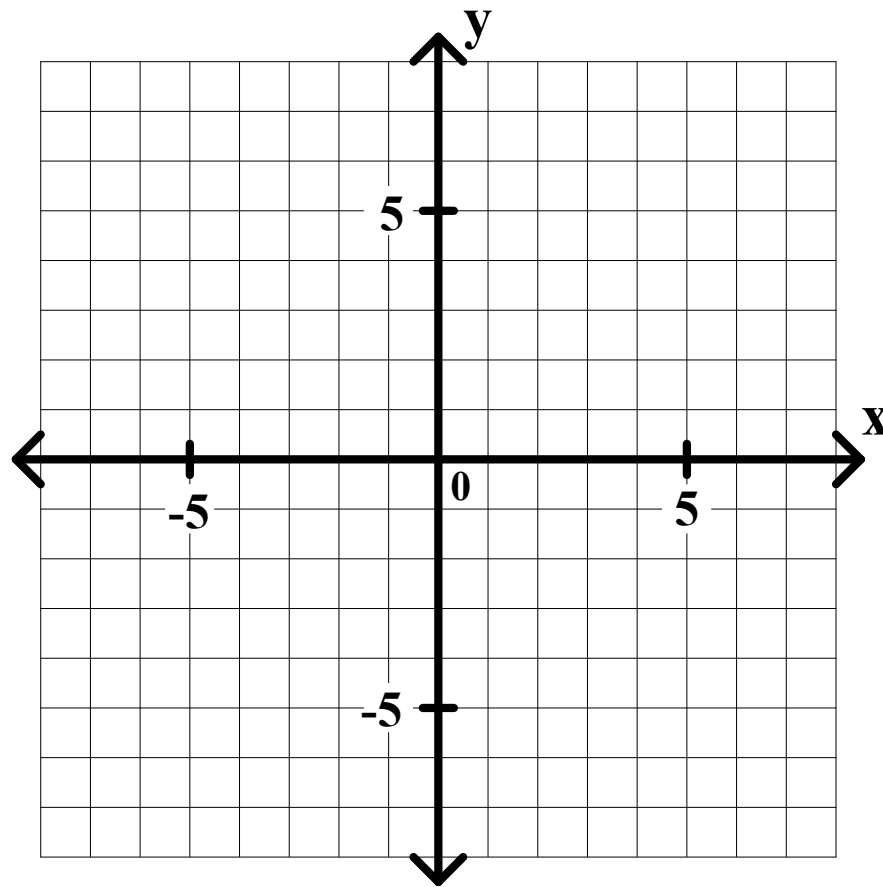
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1		-2 + 4
2		

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

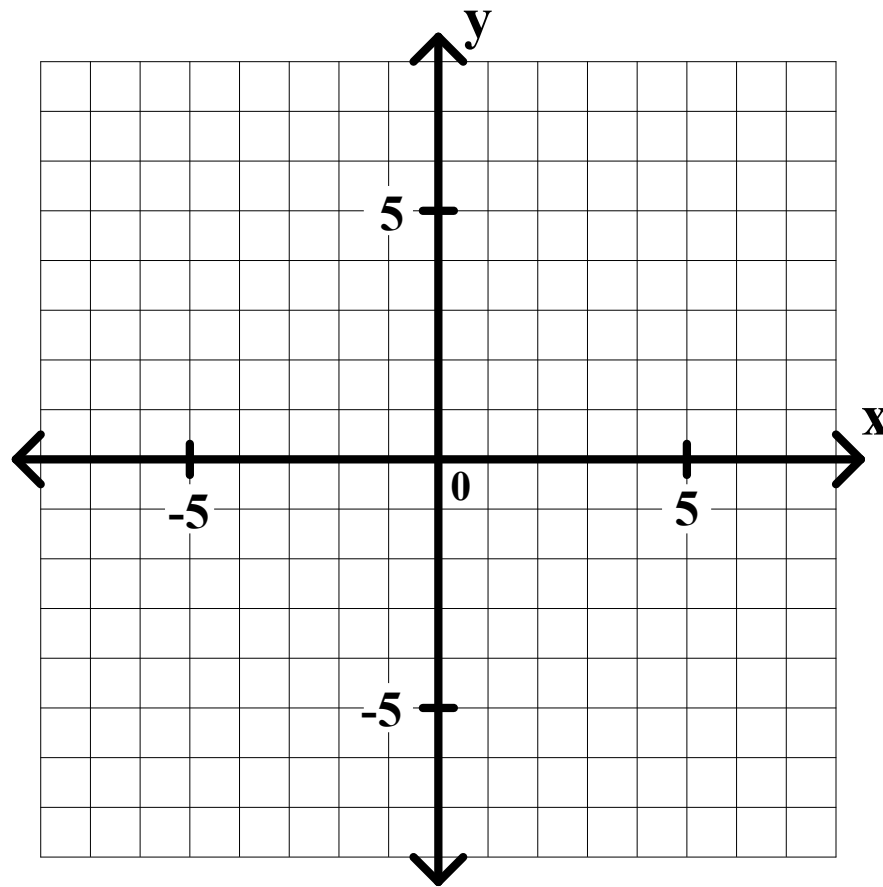
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2		

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

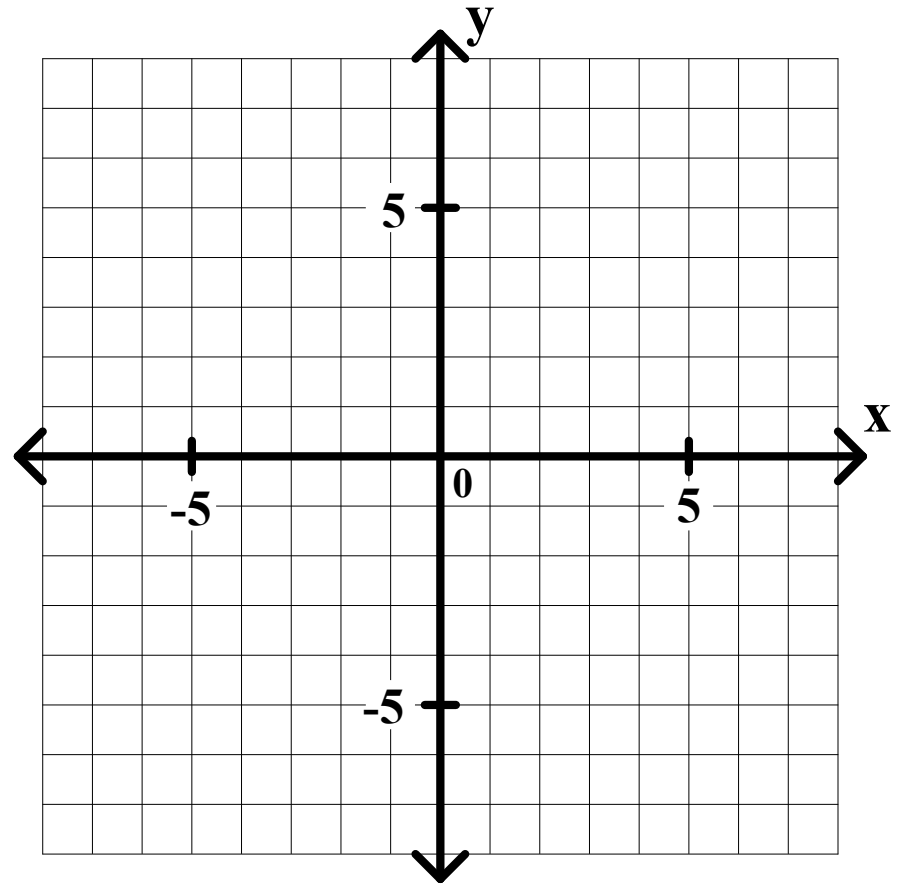
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2		-4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

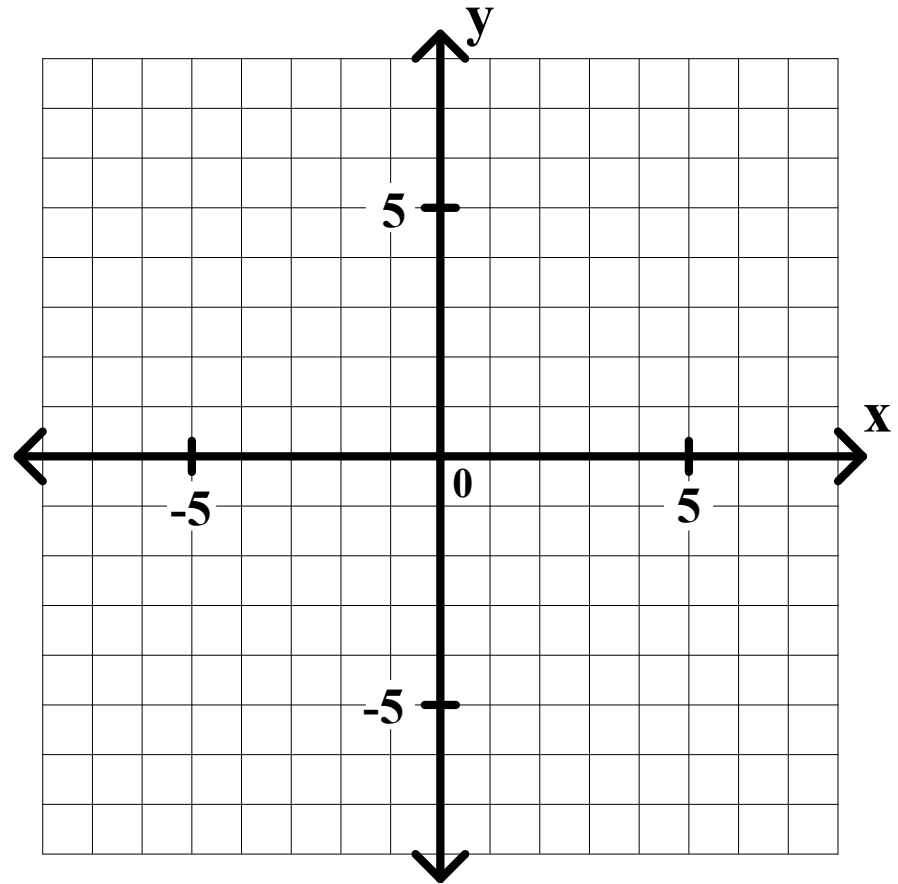
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2		-4 + 4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

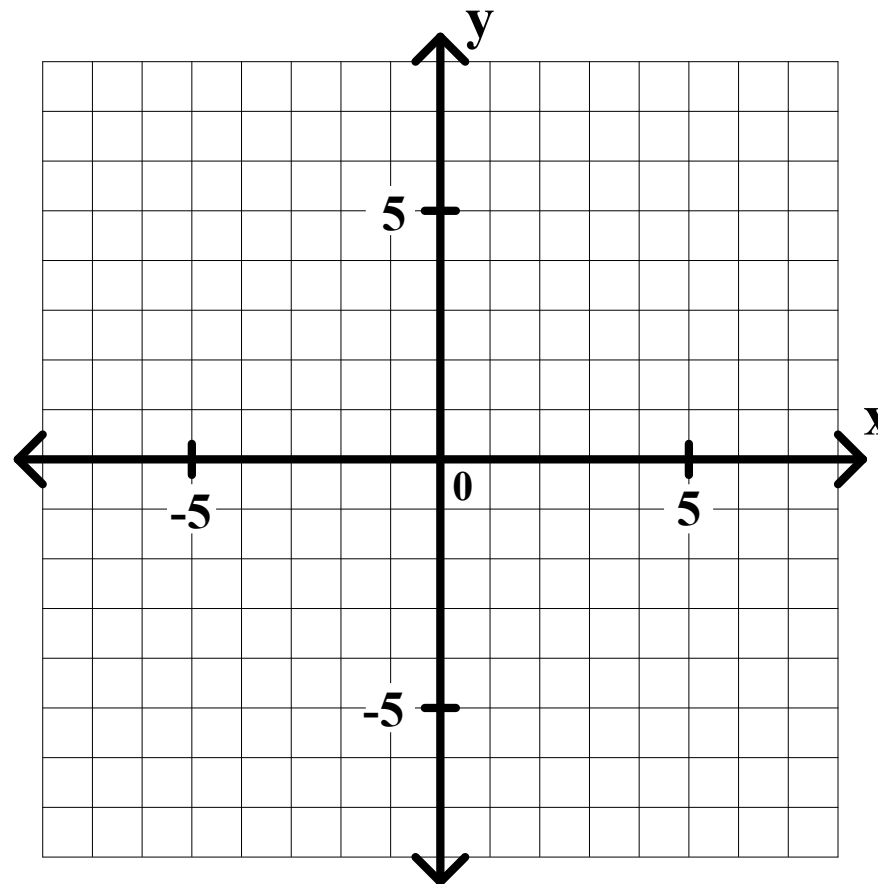
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	





# Algebra I Graphing Linear Equations

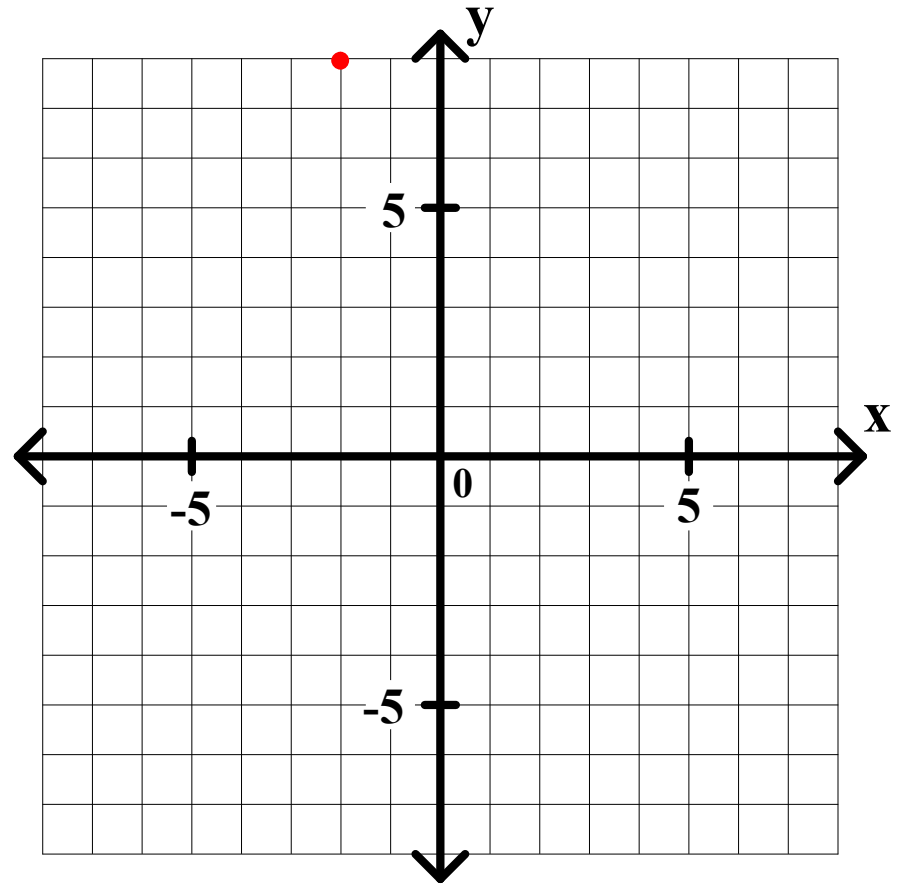
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

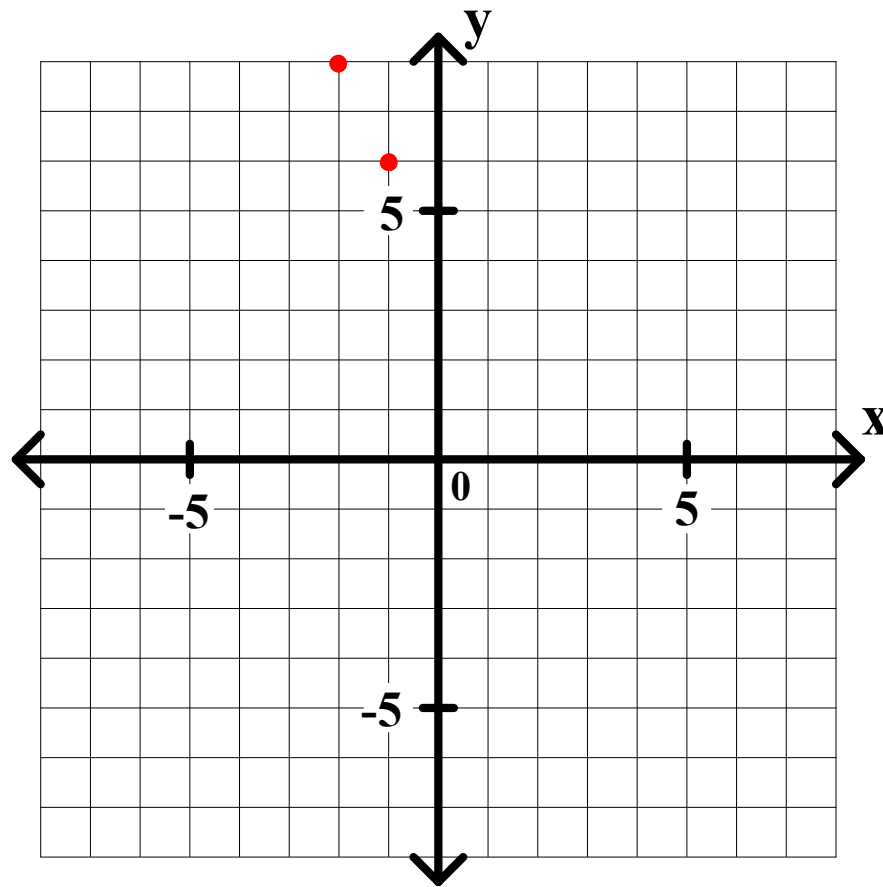
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

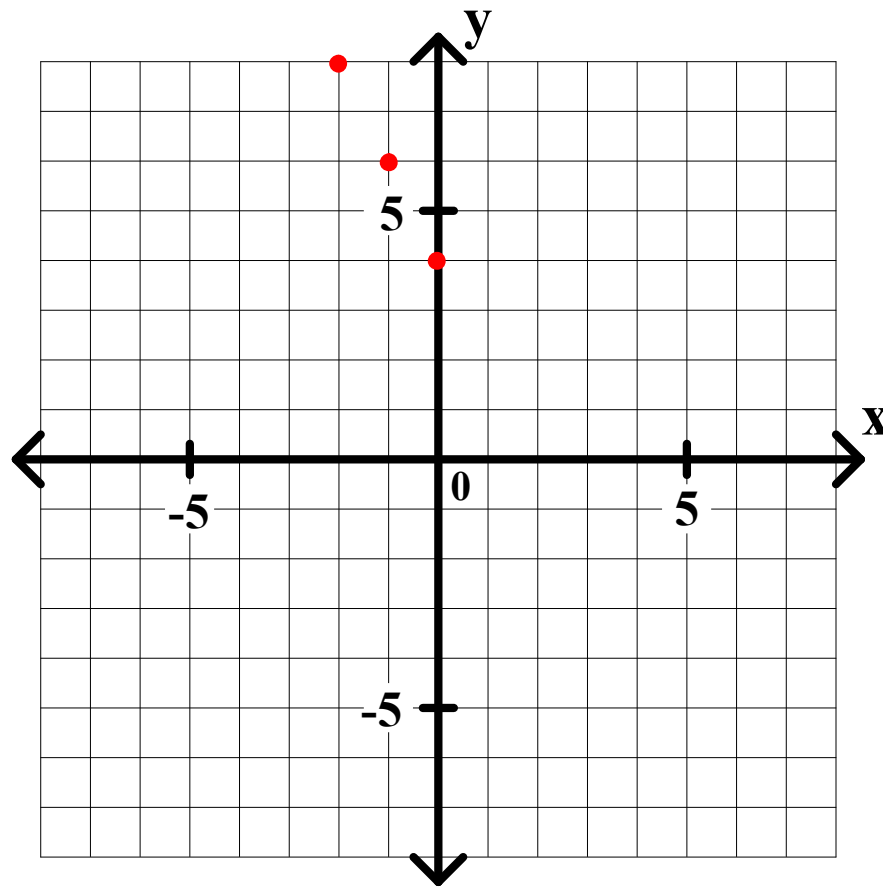
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2$$

x	y	
-2		
-1		
0		
1		
2		



# Algebra I Graphing Linear Equations

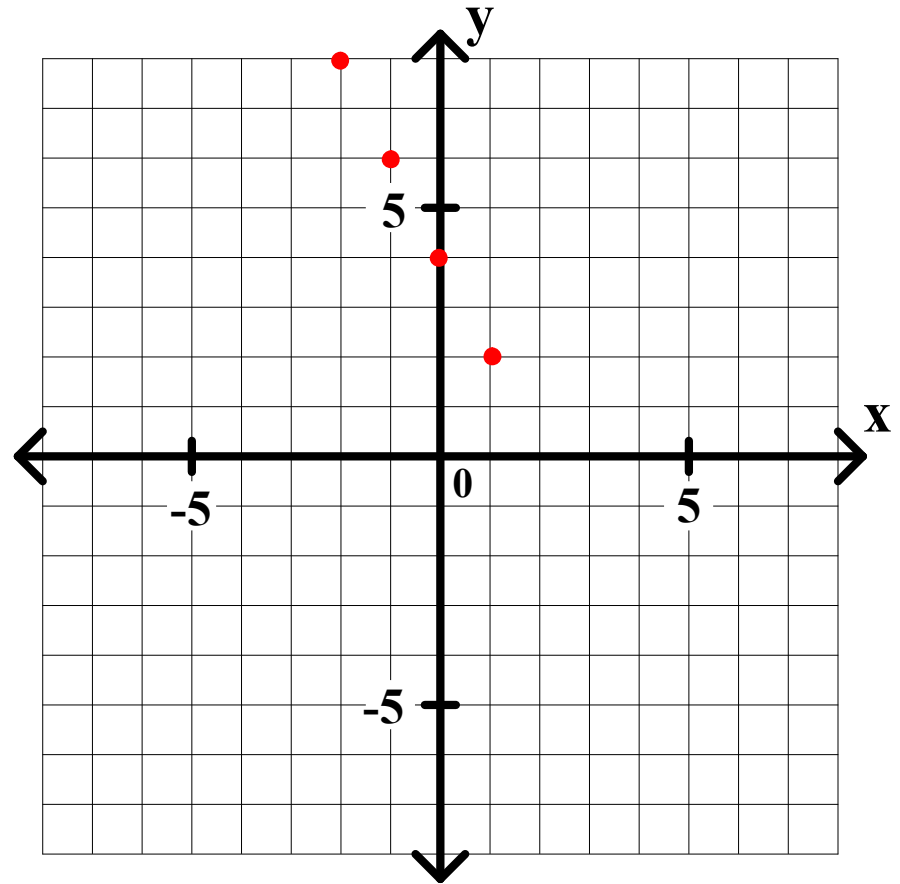
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2$$

x	y	
-2		
-1		
0		
1		
2		



# Algebra I Graphing Linear Equations

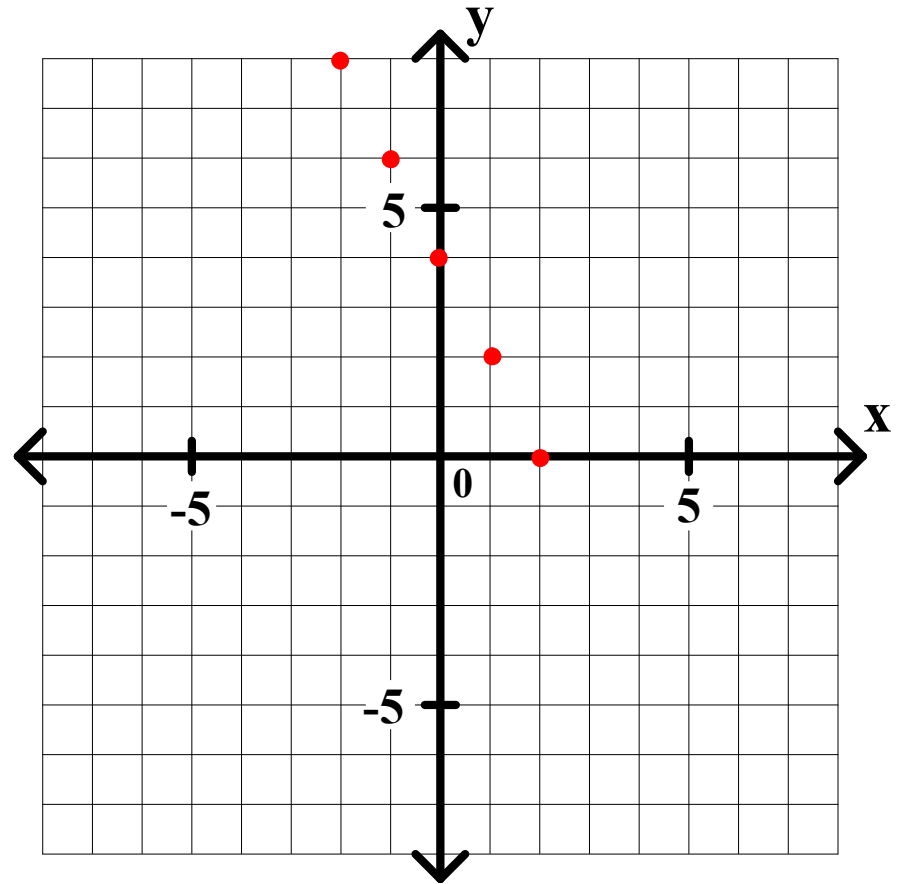
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

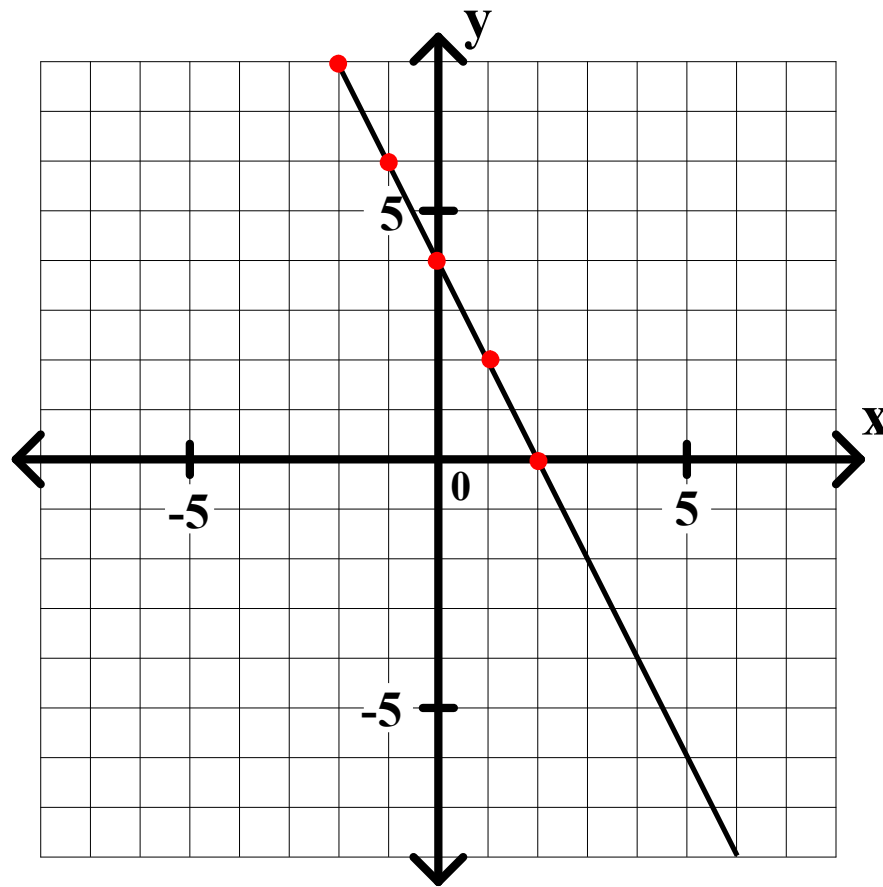
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

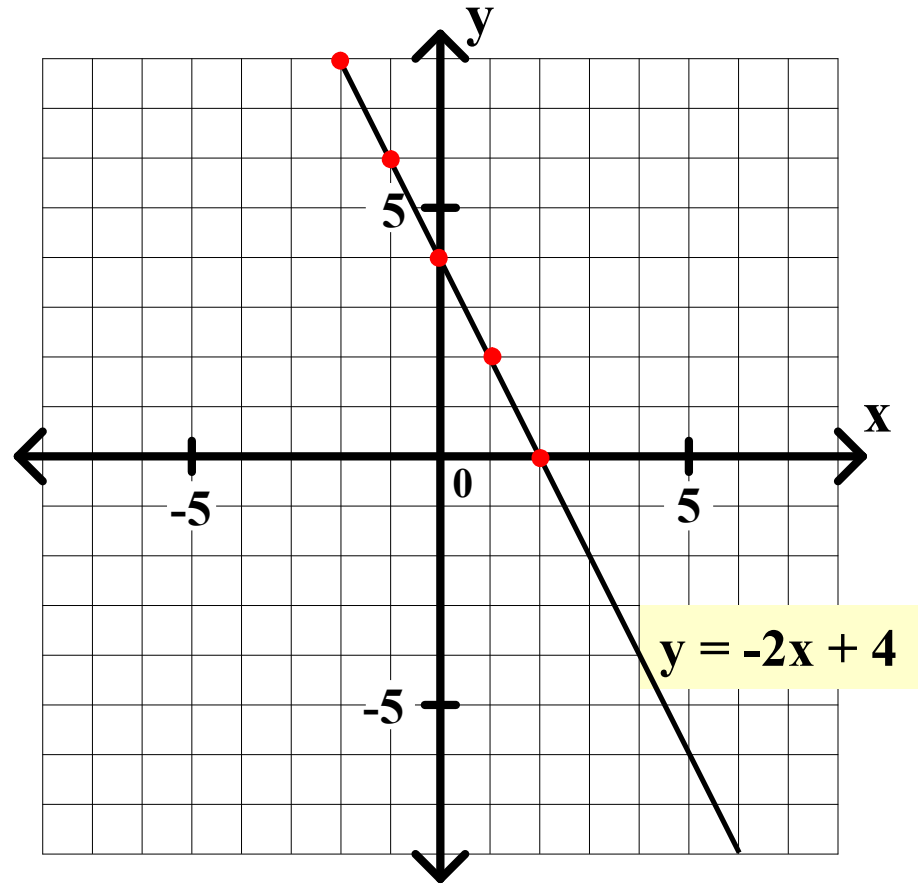
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

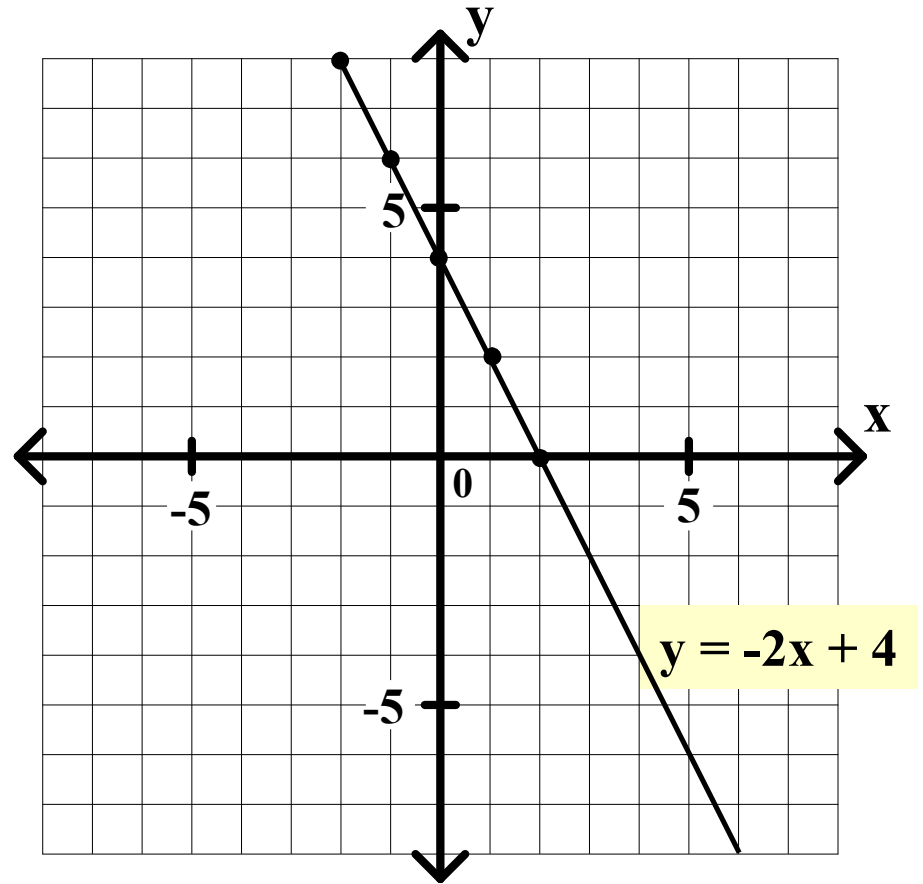
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	





# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

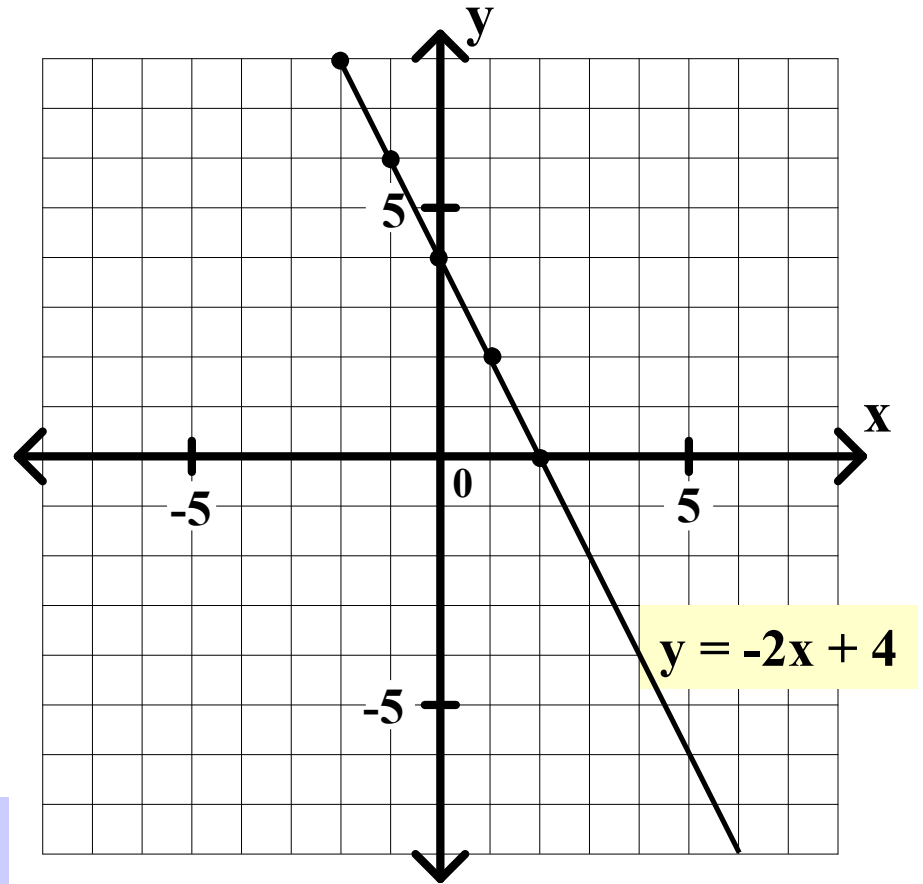
$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2$$

x	y
-2	
-1	
0	
1	
2	

**Solve for y first !!**



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

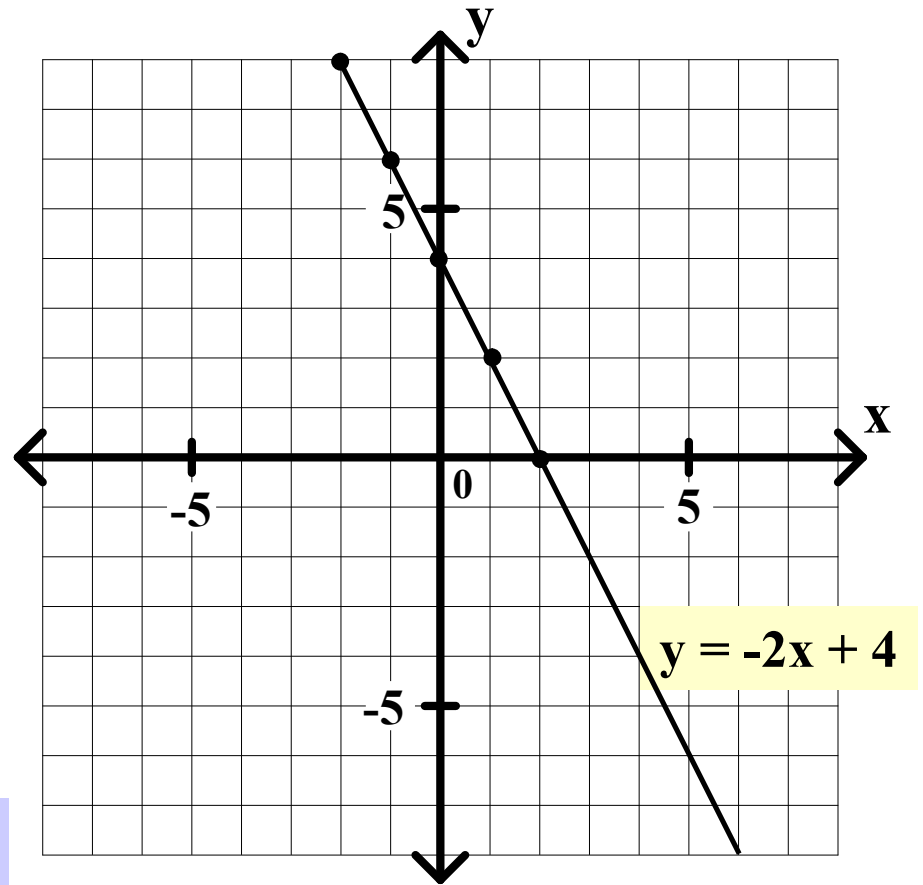
$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$9. \quad y - 3x = 2 \\ \quad +3x \quad +3x$$

x	y	
-2		
-1		
0		
1		
2		

**Solve for y first !!**



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

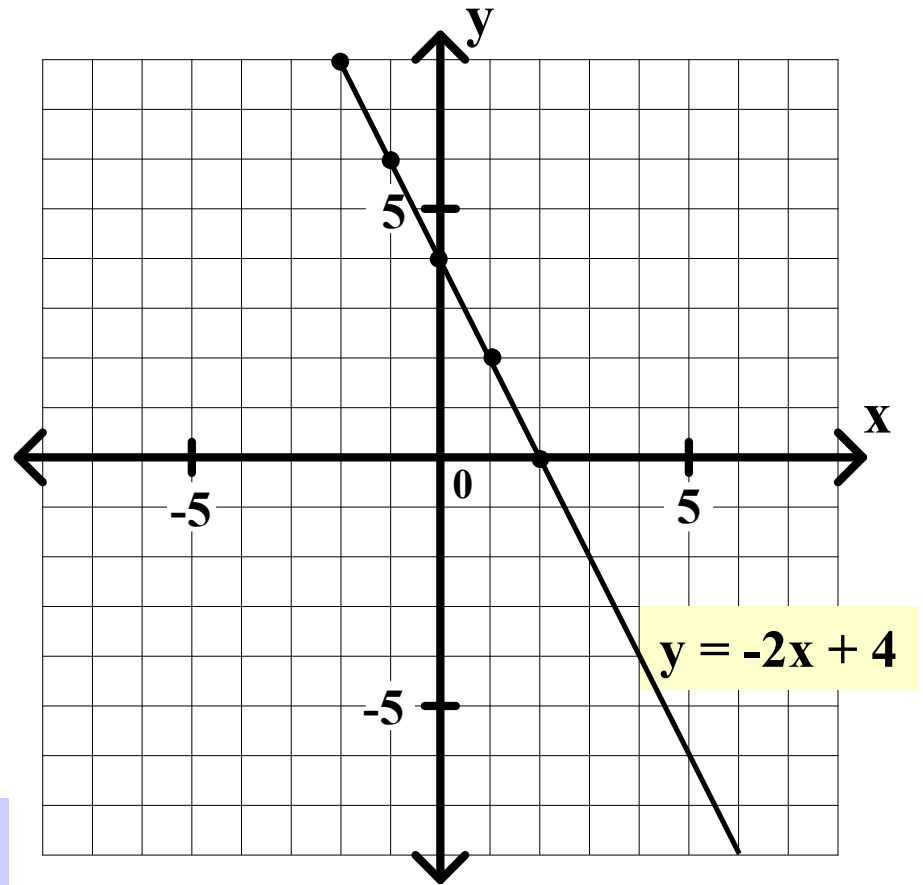
$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$\begin{array}{r} 9. \quad y - 3x = 2 \\ \quad +3x \quad +3x \\ \hline \end{array}$$

x	y	
-2		
-1		
0		
1		
2		

**Solve for y first !!**



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

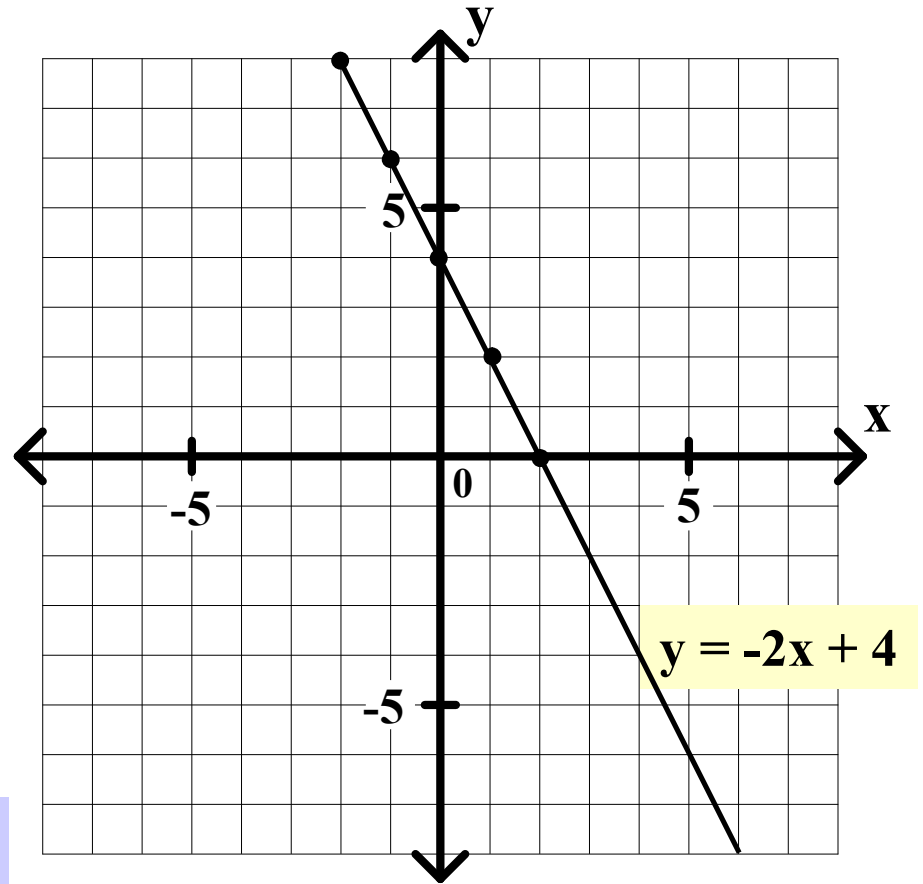
$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

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-1		
0		
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# Algebra I Graphing Linear Equations

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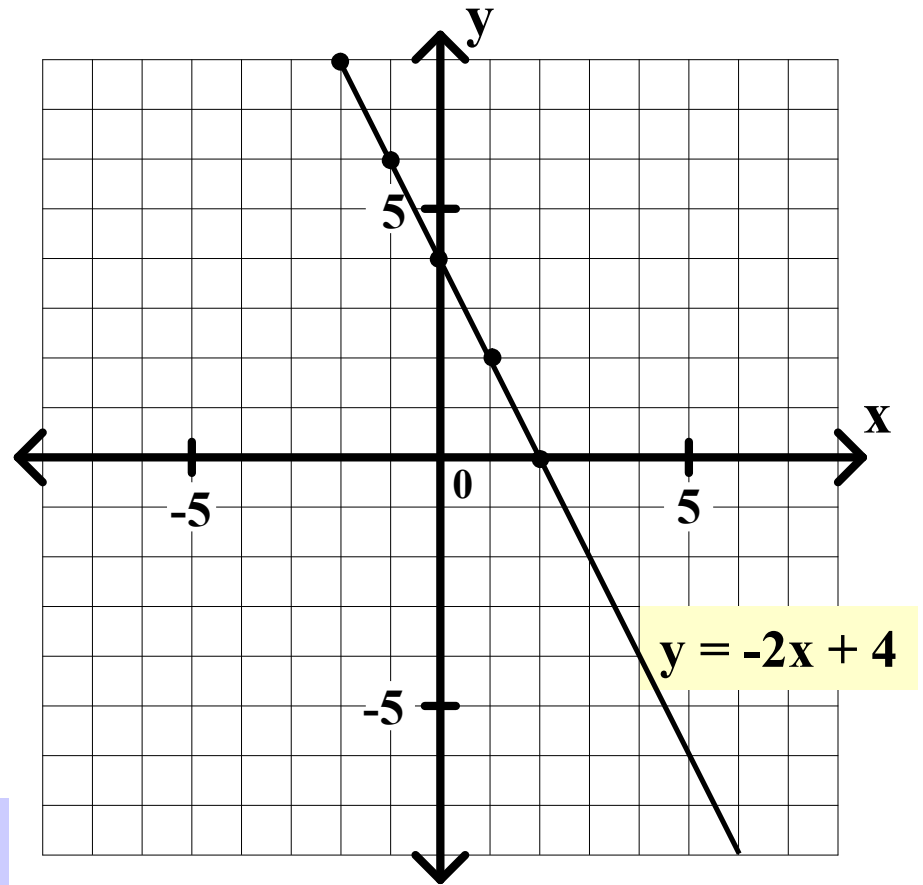
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x	y	
-2		
-1		
0		
1		
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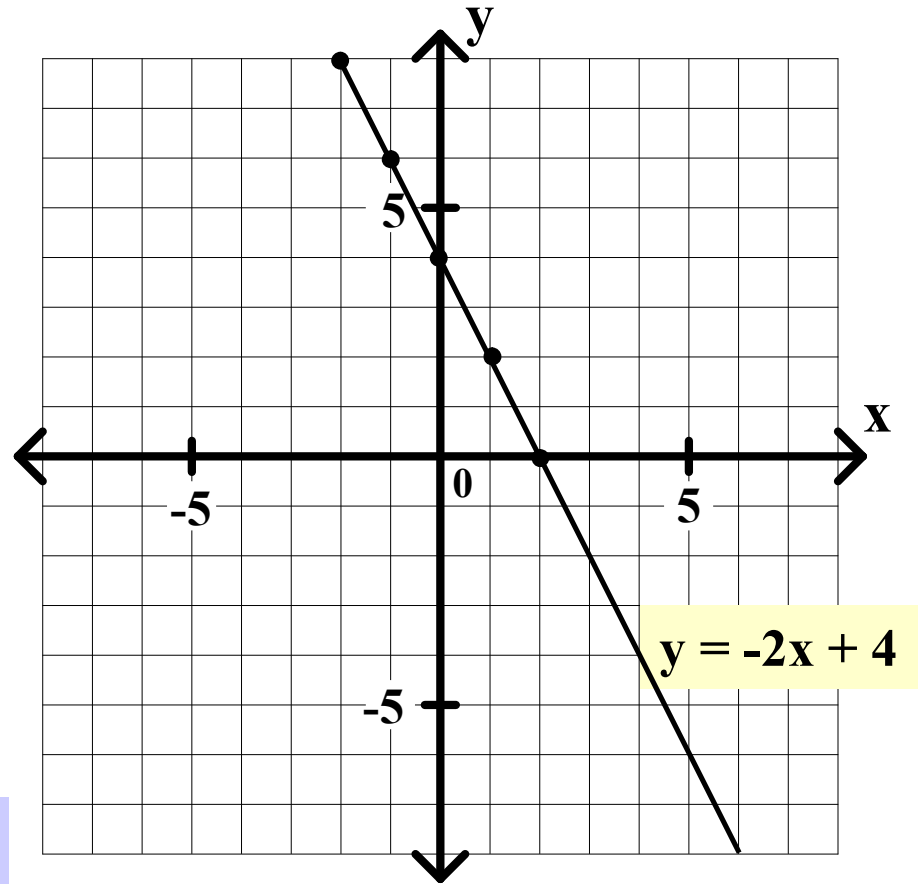
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x	y	
-2		
-1		
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1		
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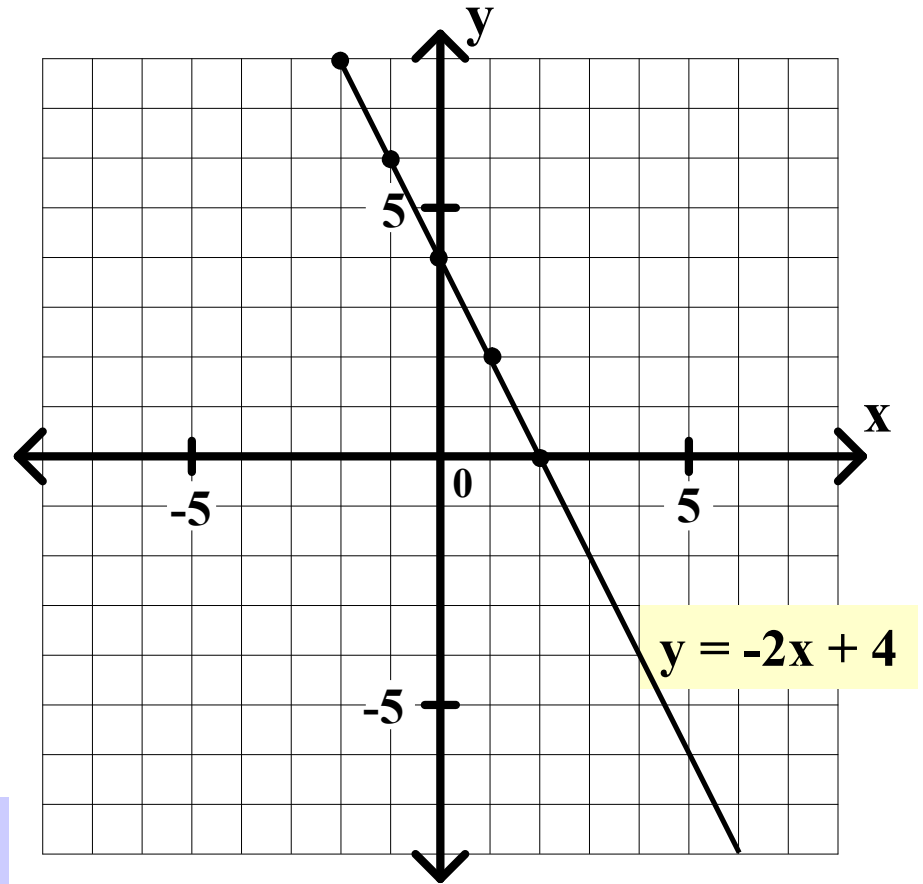
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# Algebra I Graphing Linear Equations

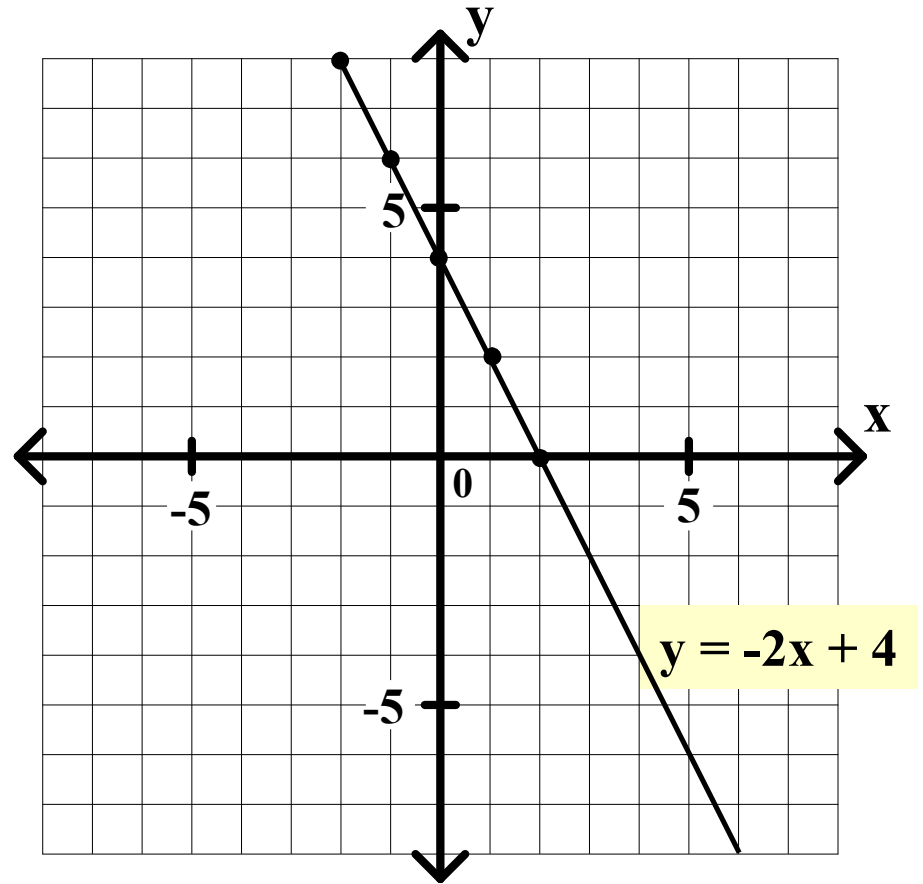
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x	y	
-2		
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1		
2		





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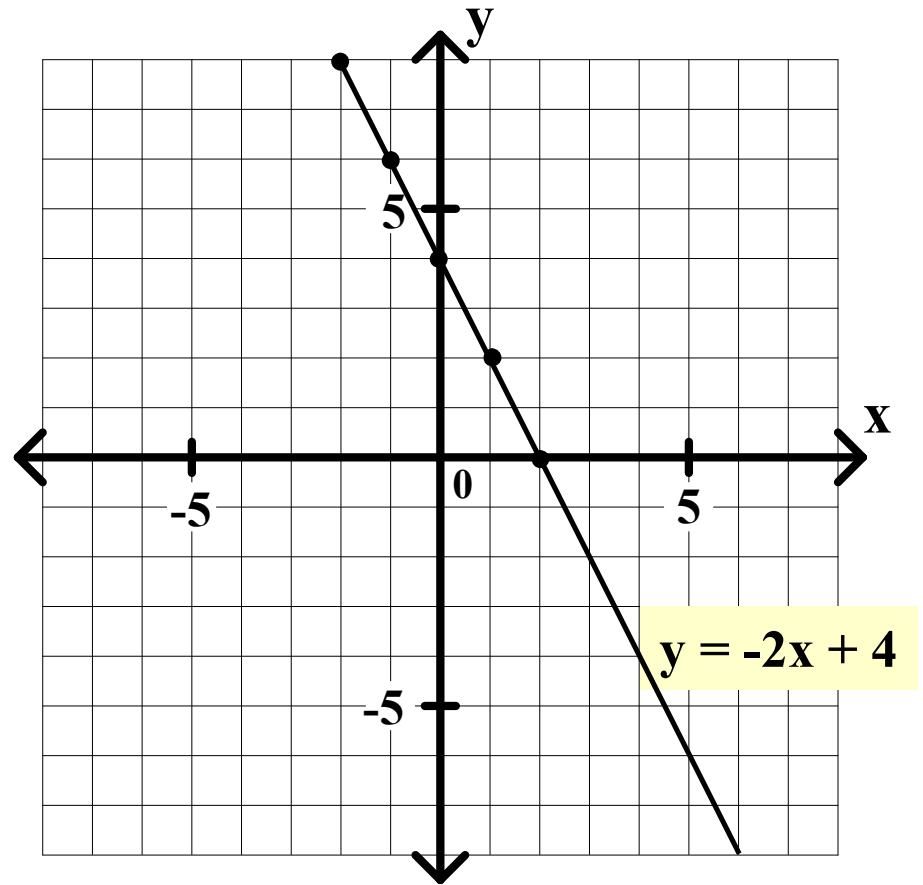
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x	y	
-2		-6
-1		
0		
1		
2		



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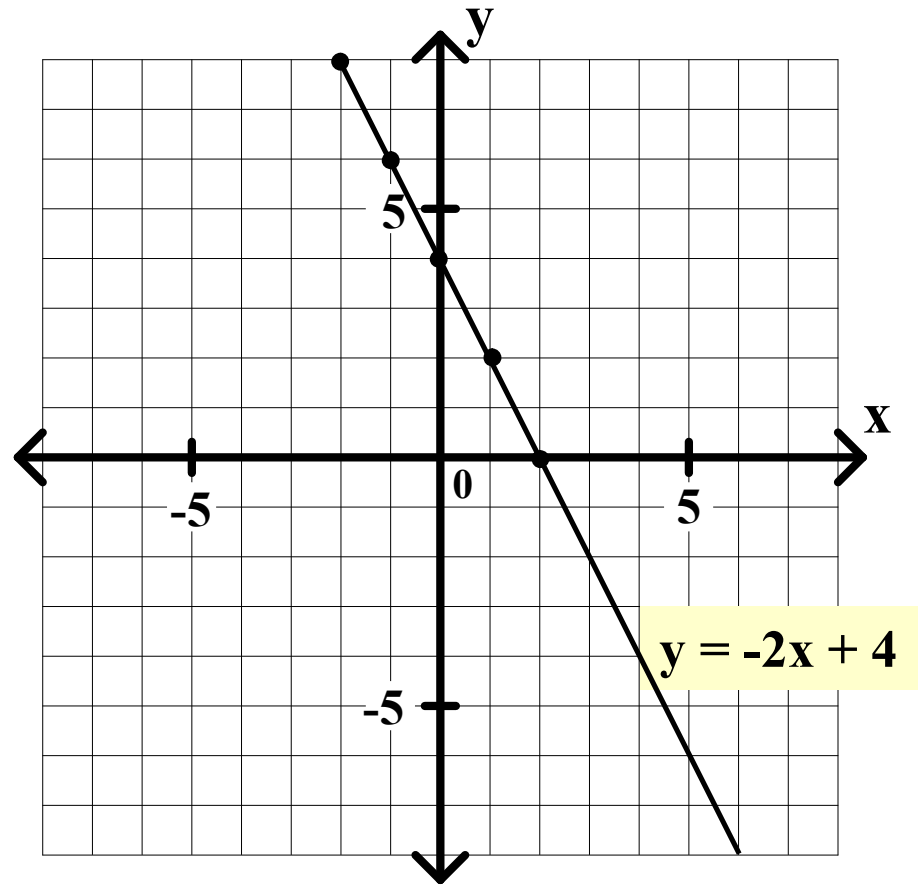
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-1		
0		
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2		



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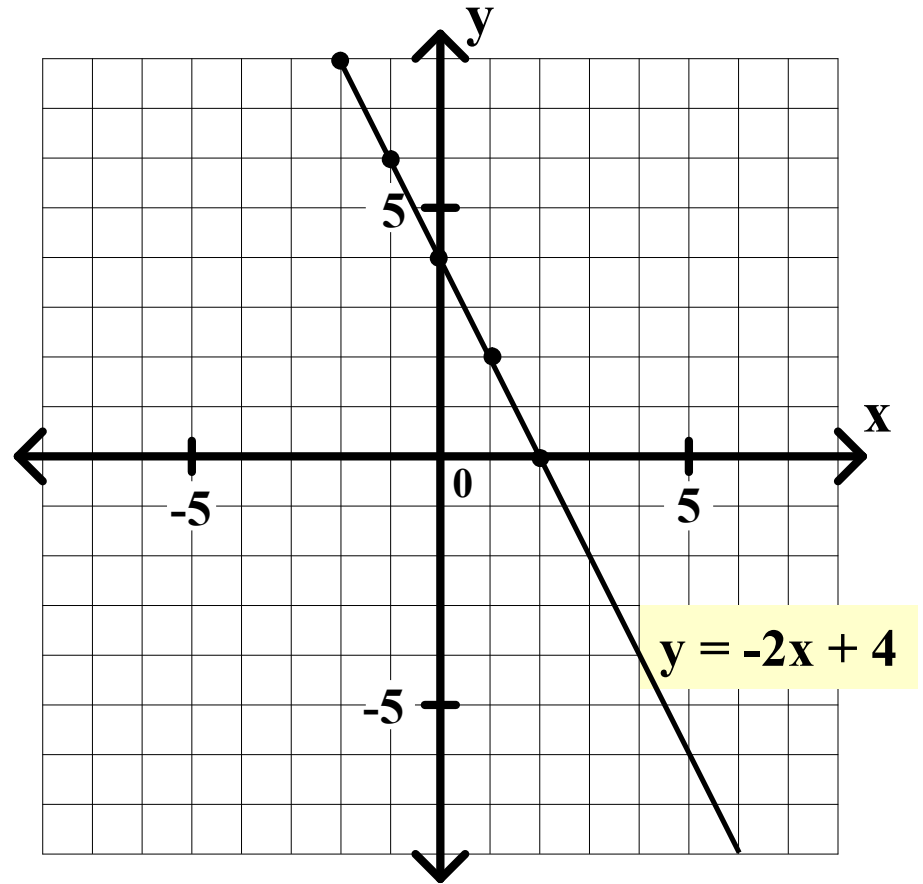
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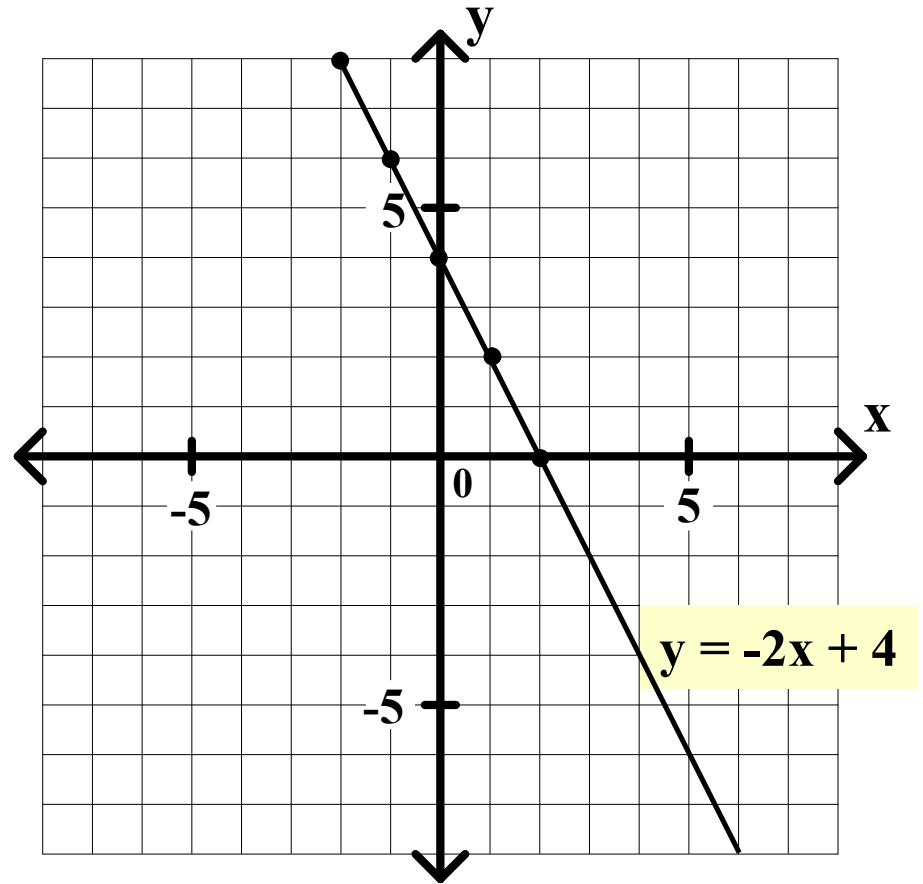
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x	y	
-2	-4	-6 + 2
-1		-3
0		
1		
2		



# Algebra I Graphing Linear Equations

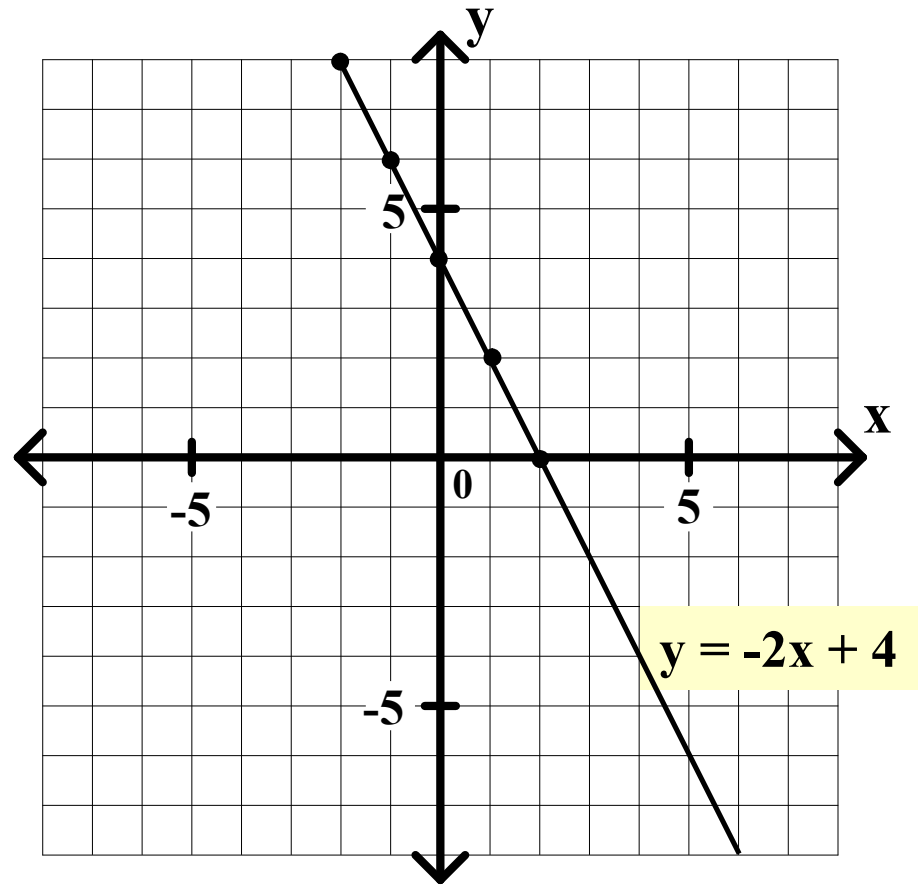
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x	y	
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-1		-3 + 2
0		
1		
2		



# Algebra I Graphing Linear Equations

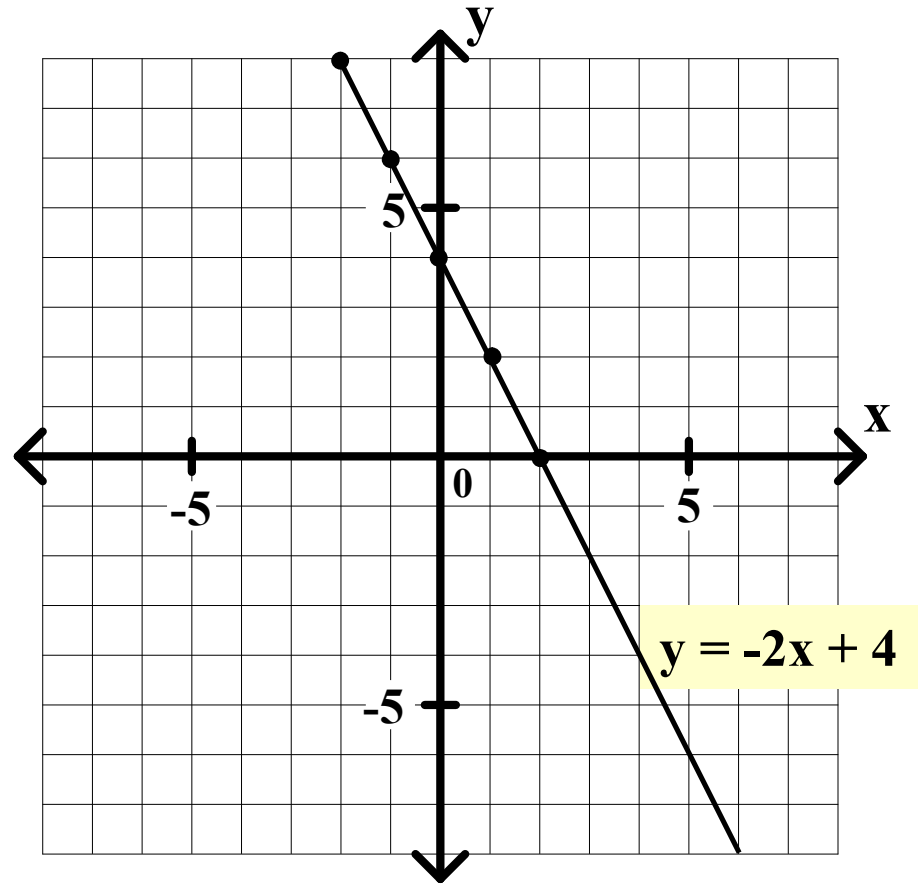
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-2	-4	-6 + 2
-1	-1	-3 + 2
0		
1		
2		



# Algebra I Graphing Linear Equations

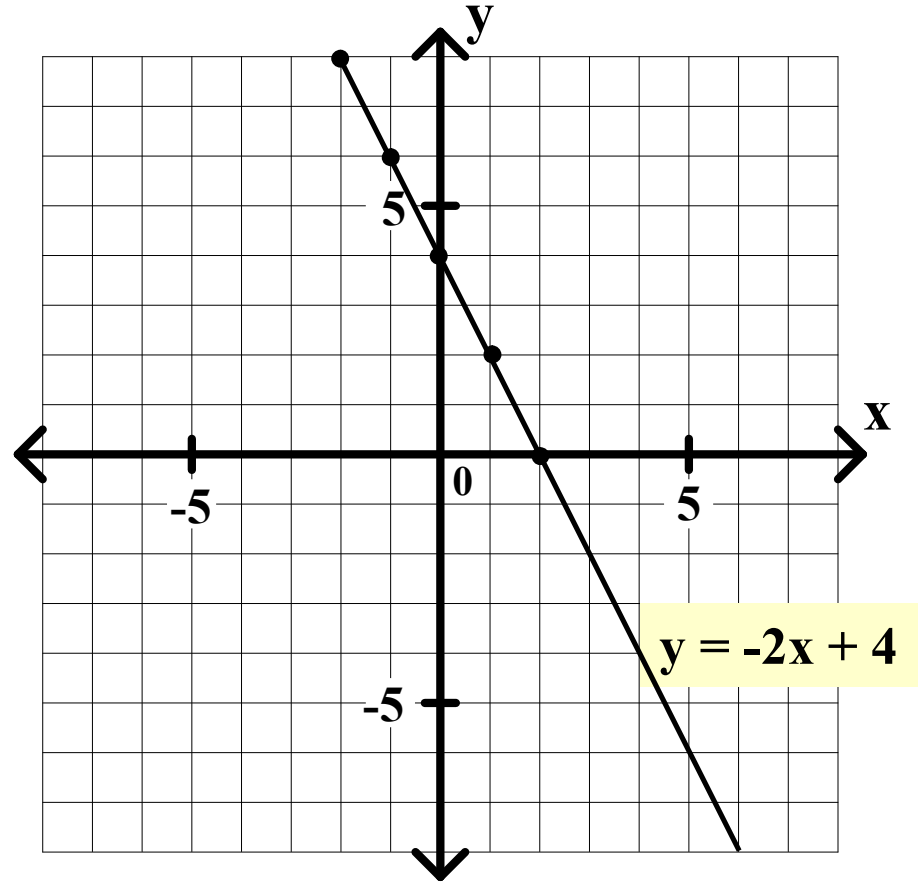
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x	y	
-2	-4	-6 + 2
-1	-1	-3 + 2
0		0
1		
2		



# Algebra I Graphing Linear Equations

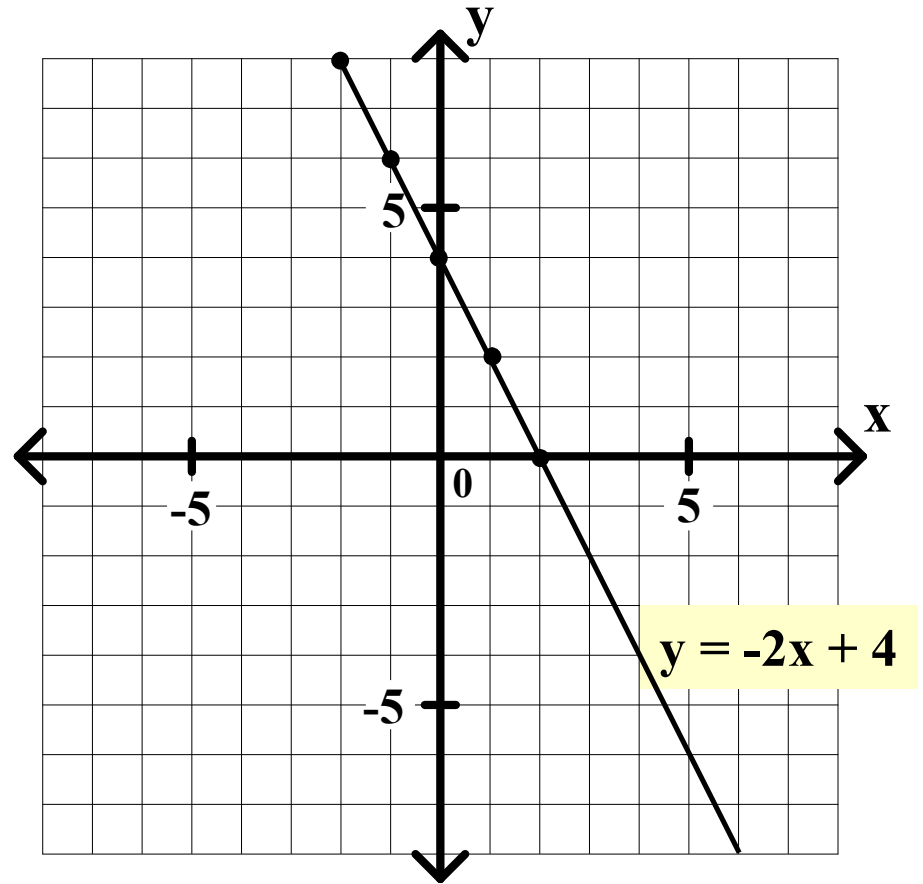
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1		
2		





# Algebra I Graphing Linear Equations

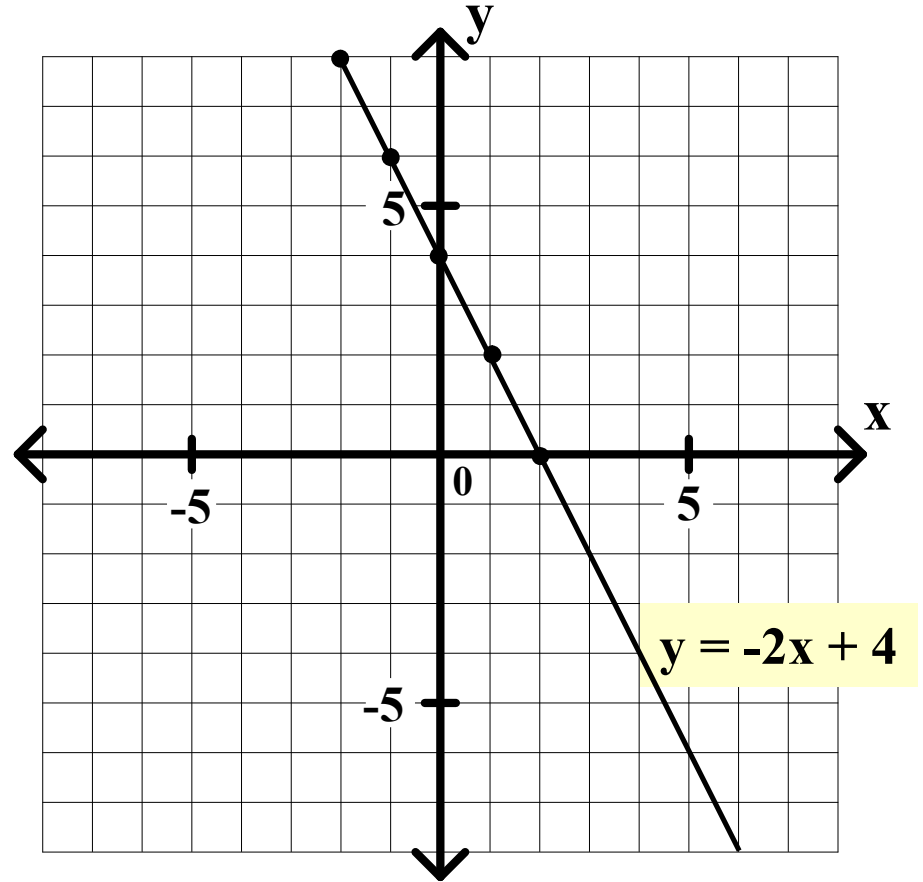
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0	2	0 + 2
1		
2		



# Algebra I Graphing Linear Equations

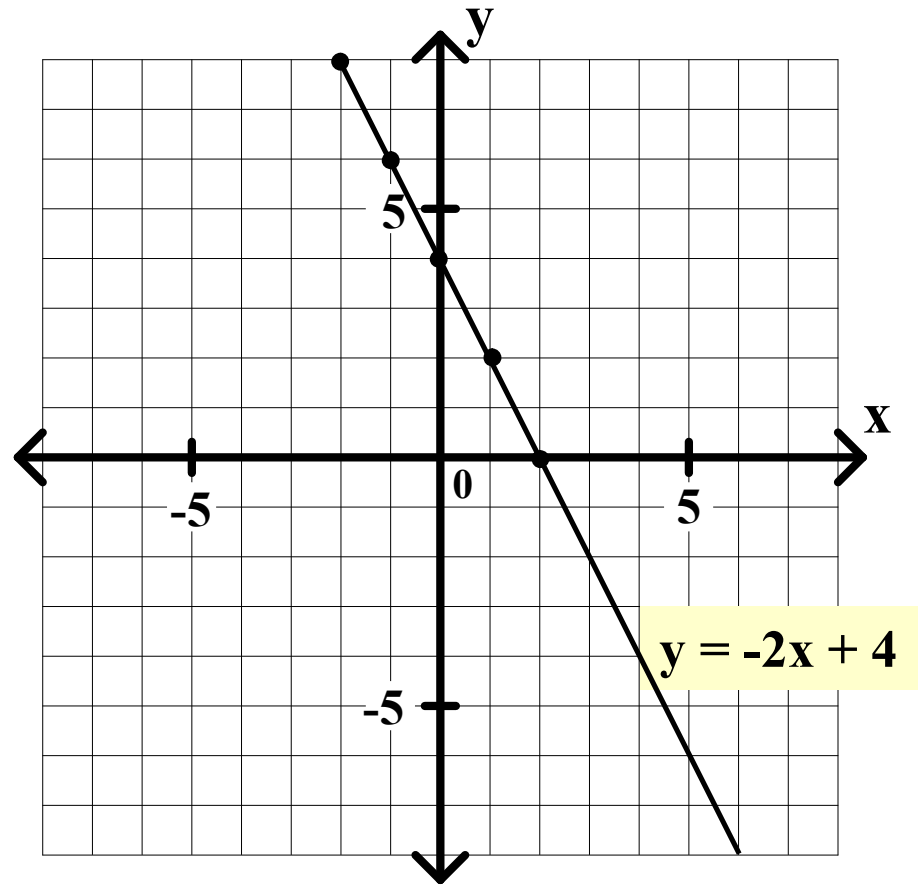
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x	y	
-2	-4	-6 + 2
-1	-1	-3 + 2
0	2	0 + 2
1		3
2		



# Algebra I Graphing Linear Equations

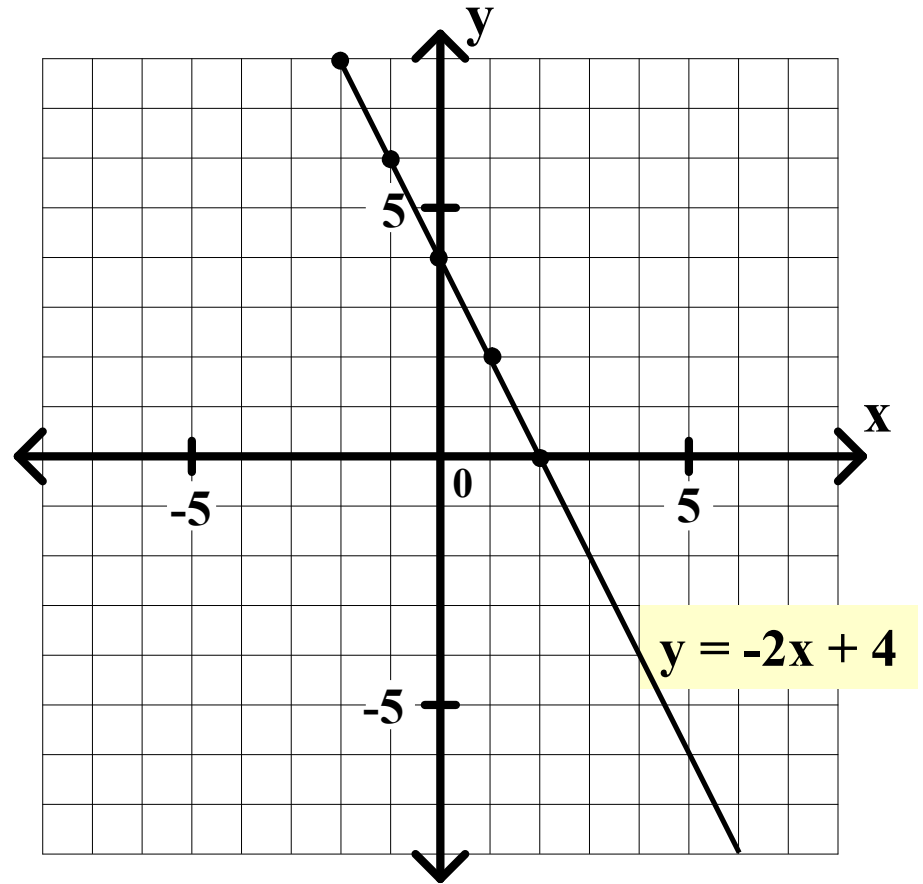
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2		



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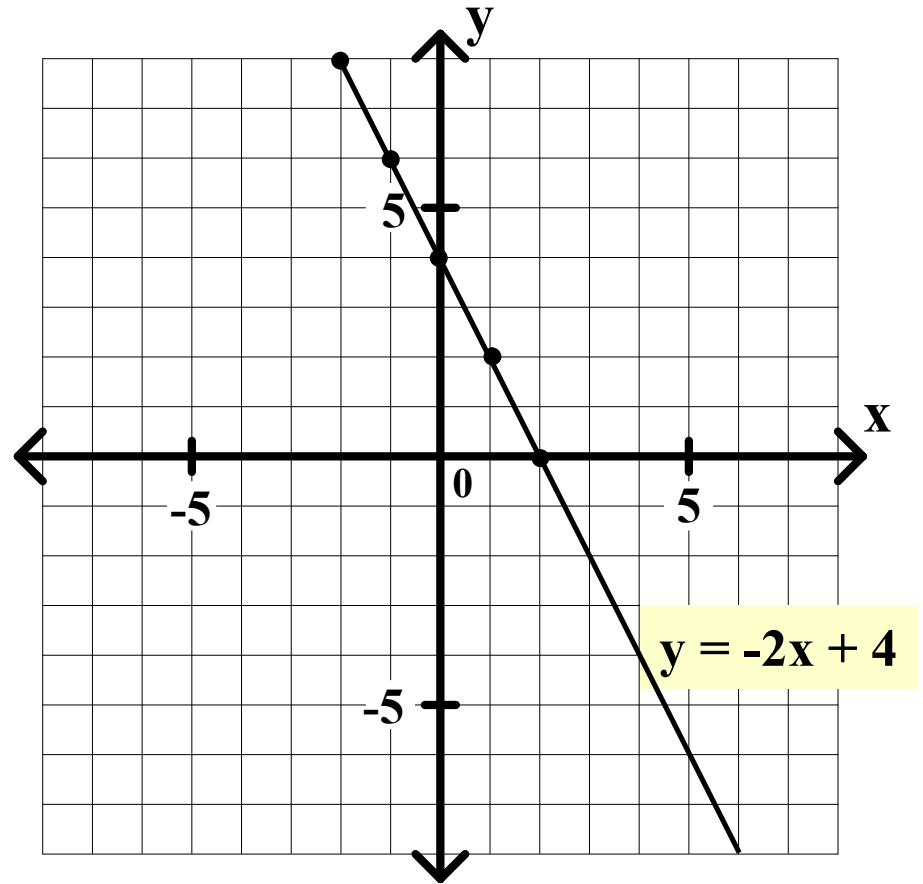
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0	2	0 + 2
1	5	3 + 2
2		



# Algebra I Graphing Linear Equations

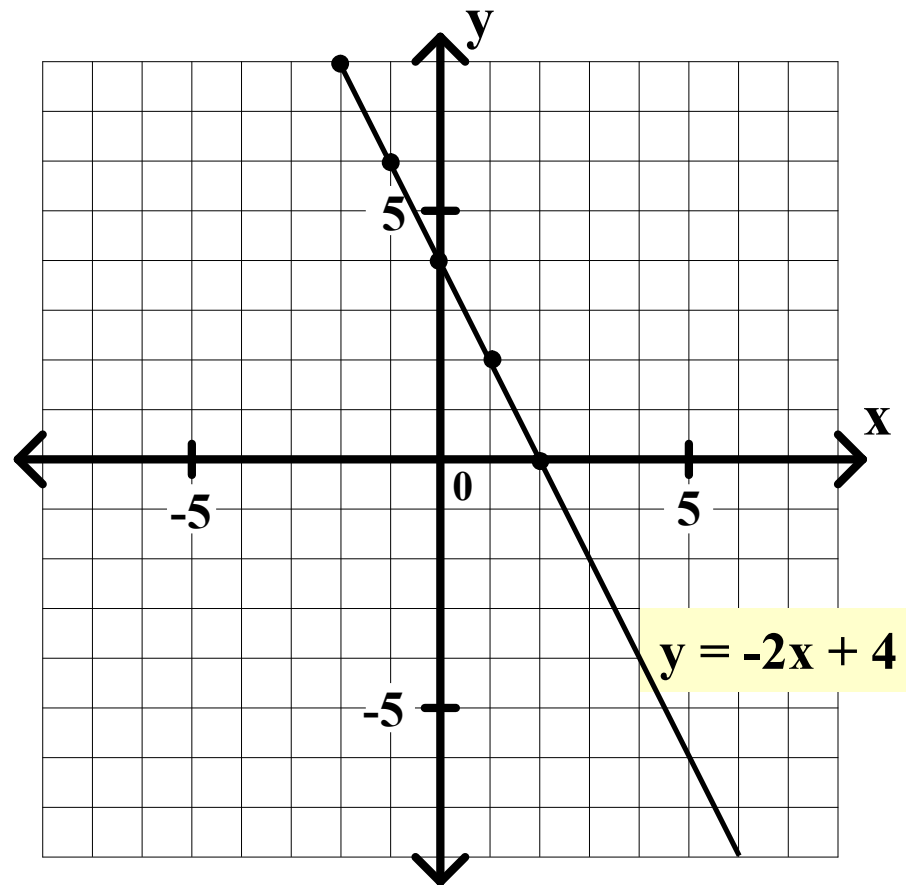
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x	y	
-2	-4	-6 + 2
-1	-1	-3 + 2
0	2	0 + 2
1	5	3 + 2
2		6



# Algebra I Graphing Linear Equations

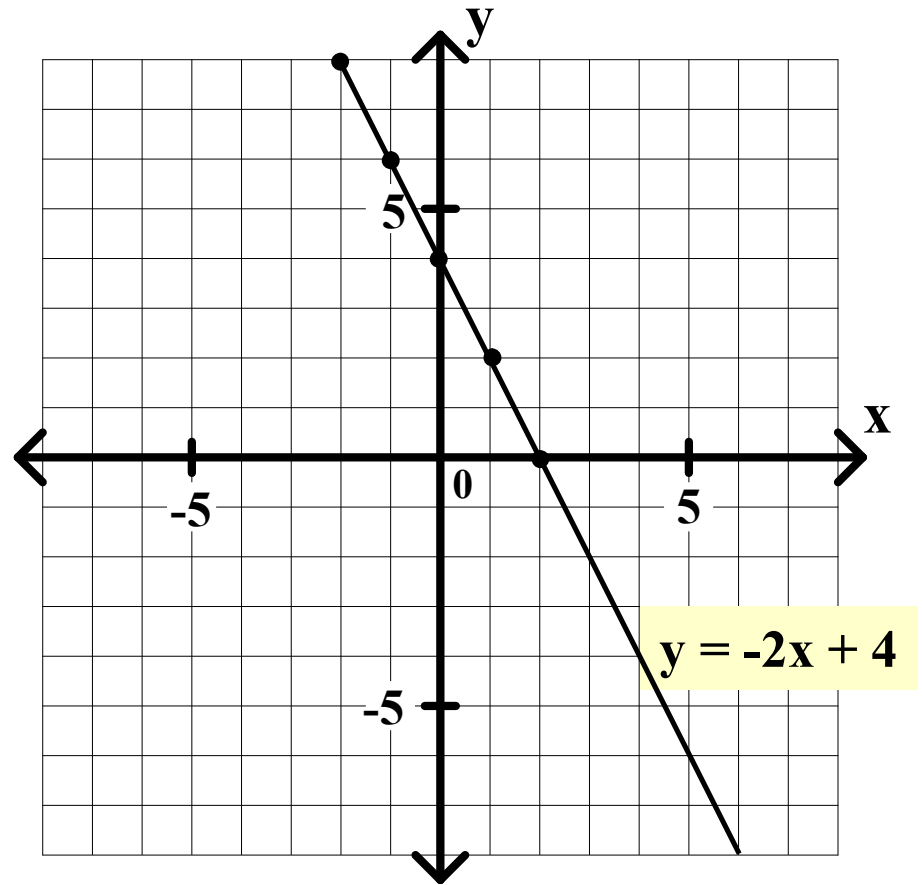
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2		6 + 2



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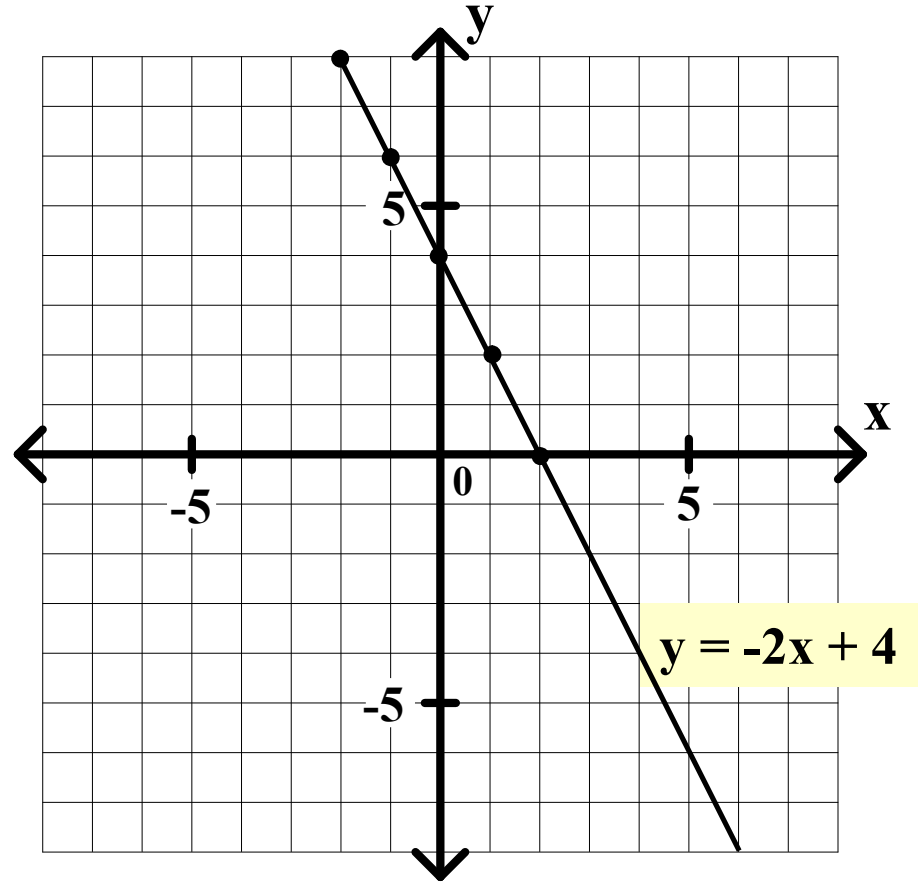
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0	2	0 + 2
1	5	3 + 2
2	8	6 + 2



# Algebra I Graphing Linear Equations

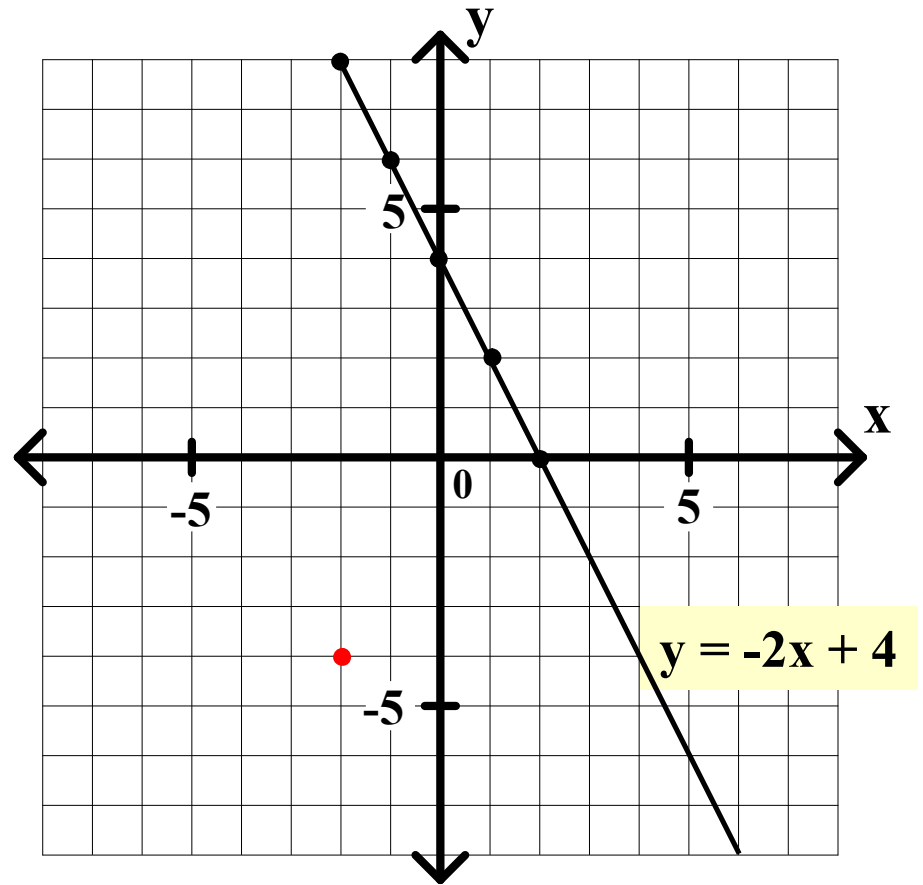
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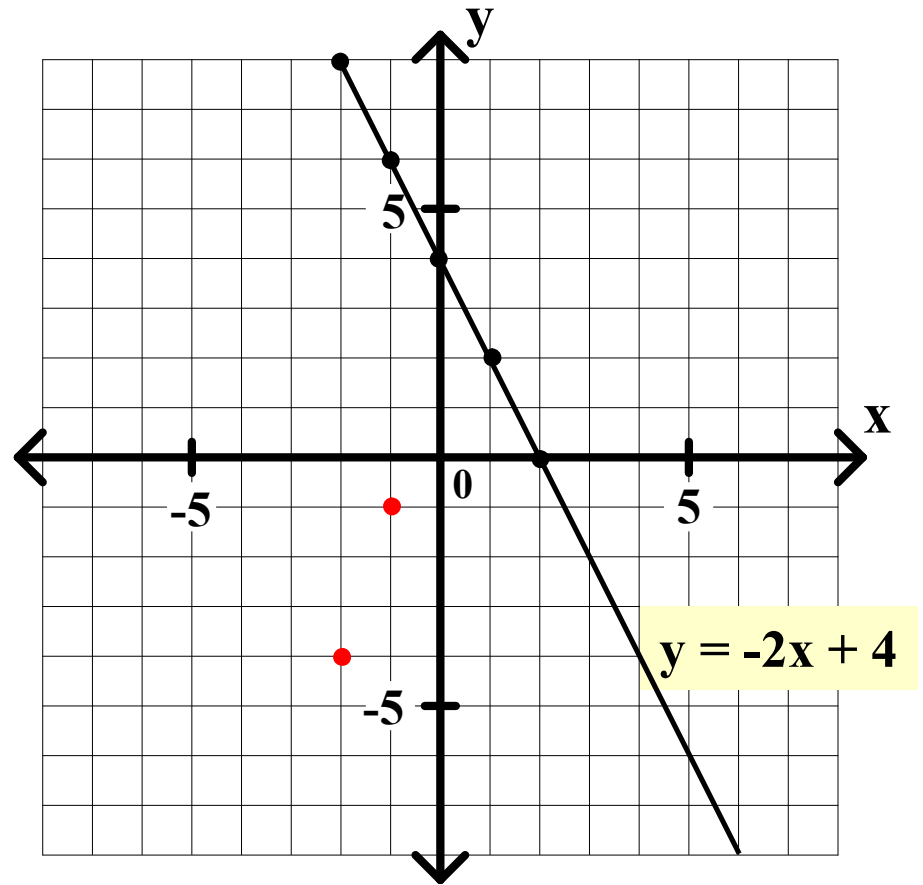
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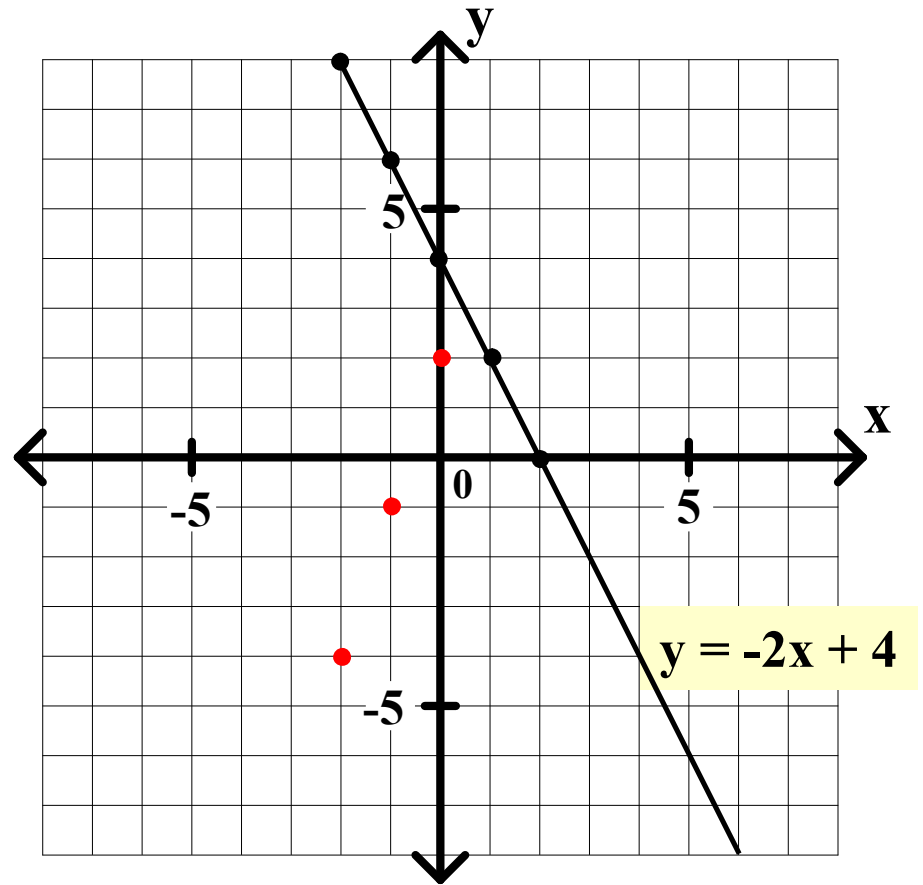
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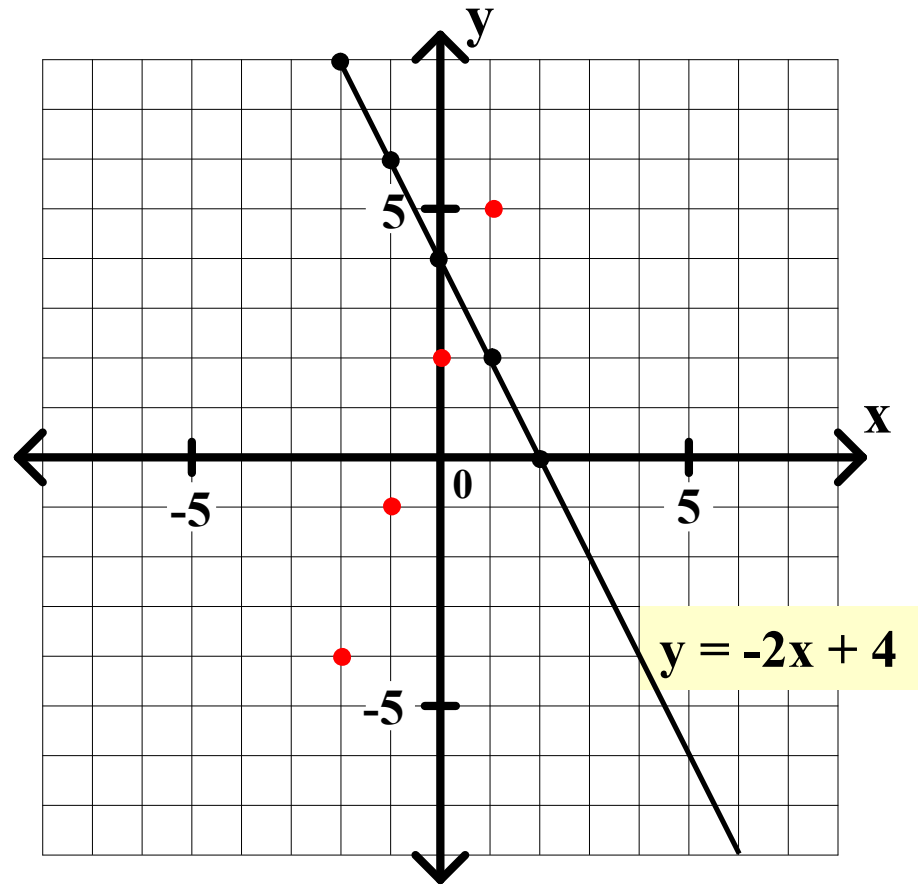
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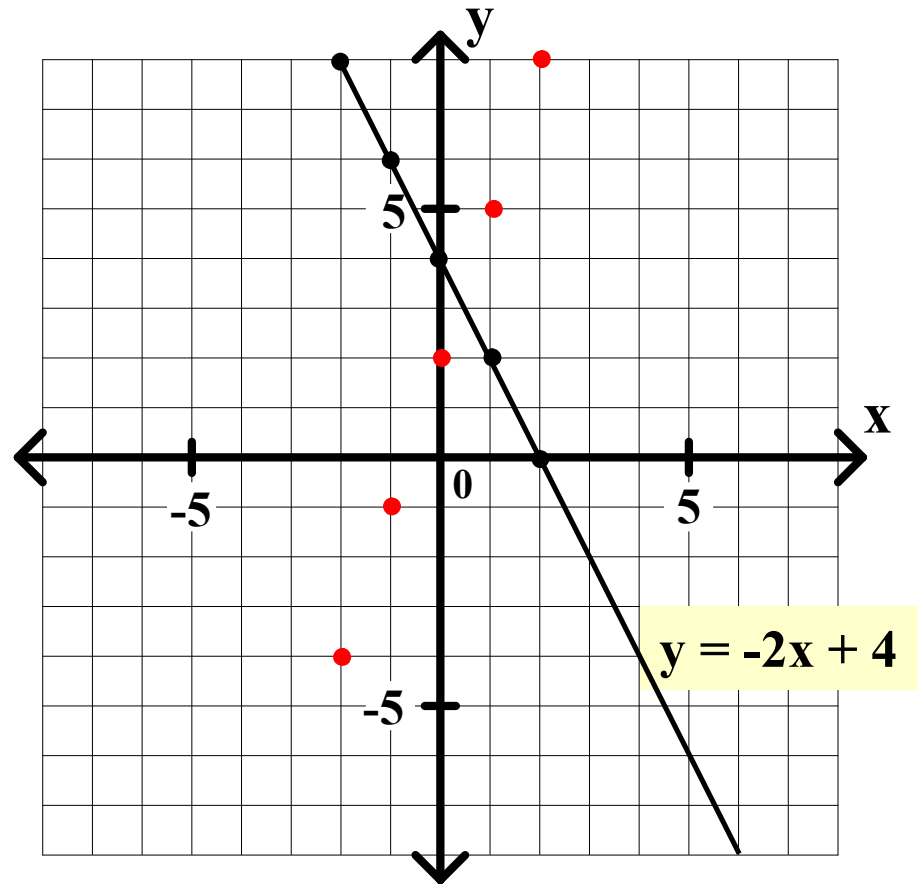
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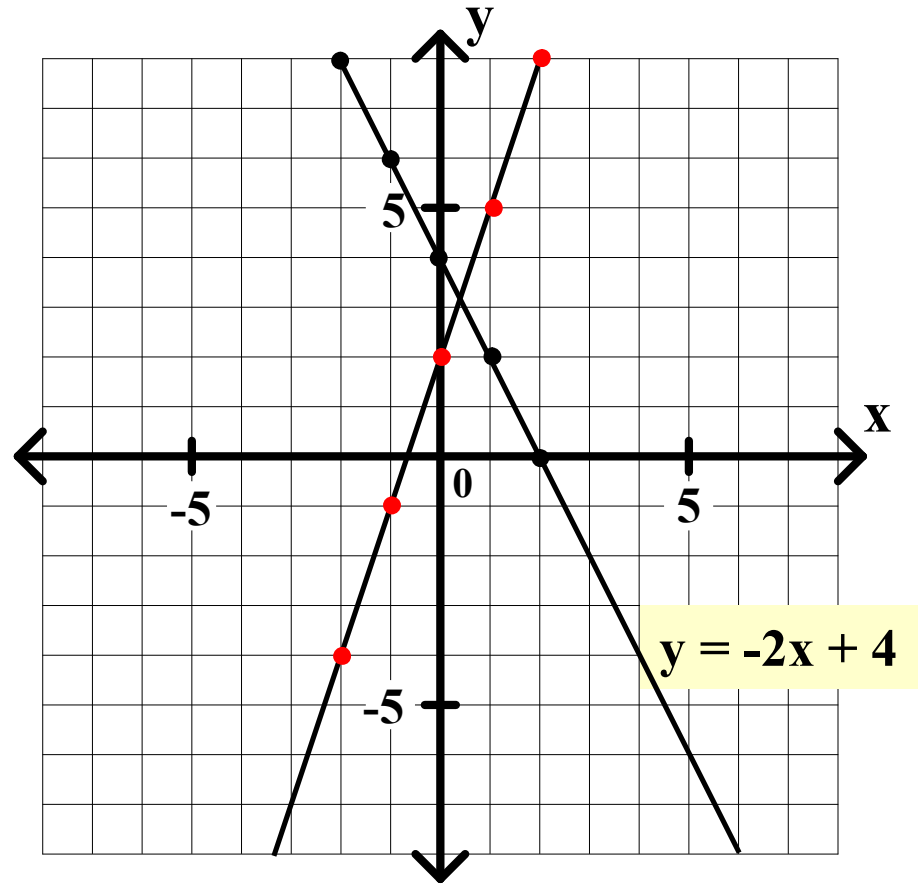
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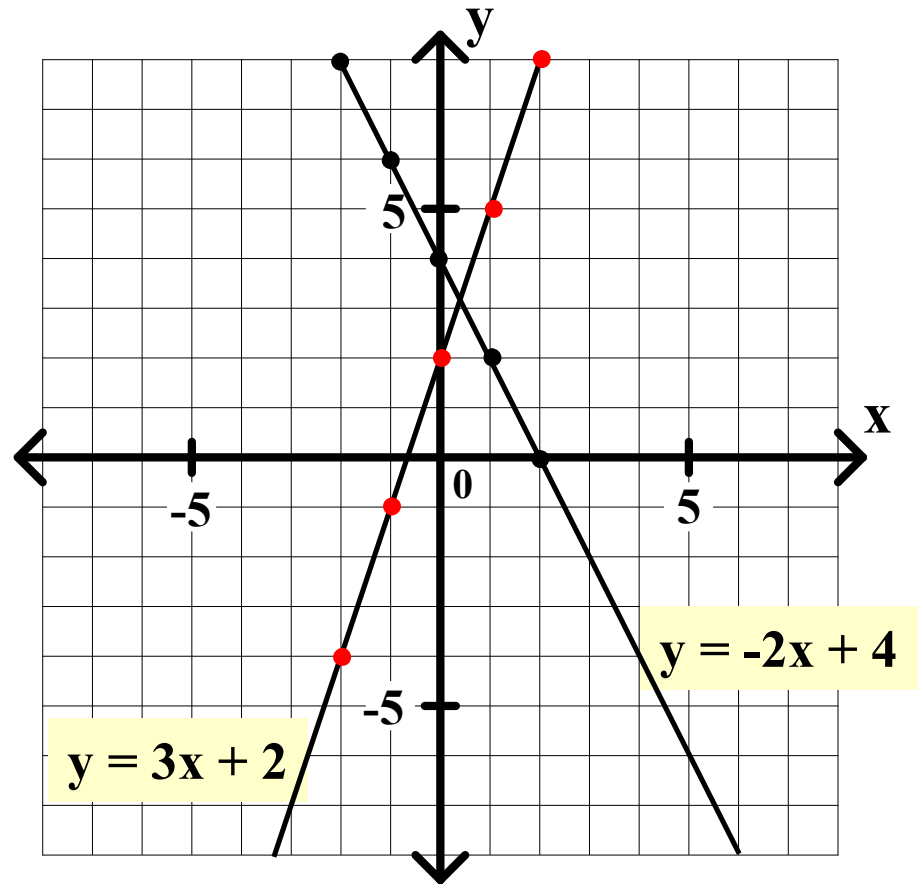
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2	8	6 + 2



# Algebra I Graphing Linear Equations

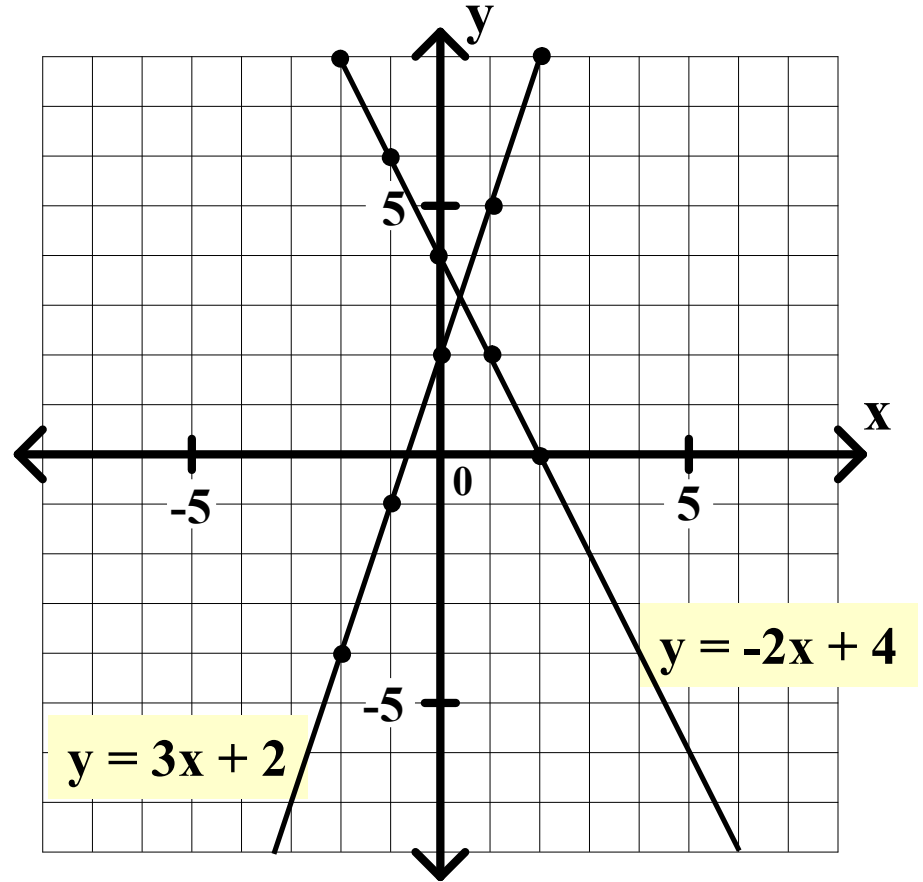
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 8. \quad y + 2x = 4 \\ \quad -2x \quad -2x \\ \hline y = -2x + 4 \end{array}$$

x	y	
-2	8	4 + 4
-1	6	2 + 4
0	4	0 + 4
1	2	-2 + 4
2	0	-4 + 4

$$\begin{array}{r} 9. \quad y - 3x = 2 \\ \quad +3x \quad +3x \\ \hline y = 3x + 2 \end{array}$$

x	y	
-2	-4	-6 + 2
-1	-1	-3 + 2
0	2	0 + 2
1	5	3 + 2
2	8	6 + 2



## Algebra I Graphing Linear Equations

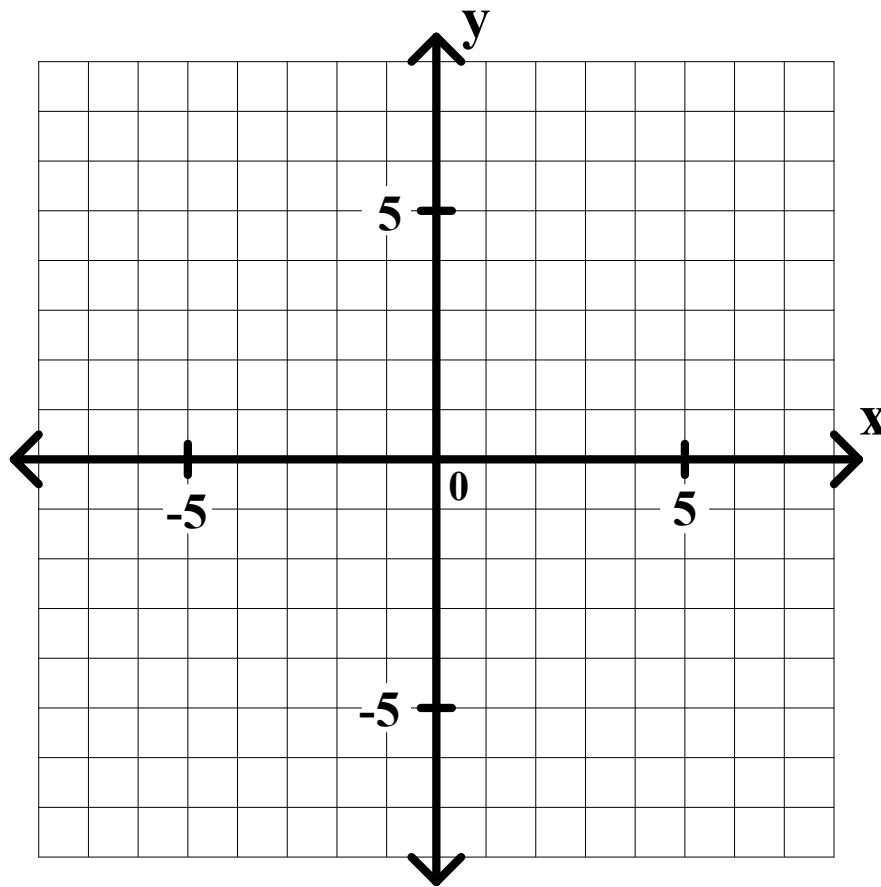
Fill out the x-y tables and graph the equations.

10.  $3x - y = 1$

11.  $-2x - y = 3$

x	y
-2	
-1	
0	
1	
2	

x	y
-2	
-1	
0	
1	
2	





## Algebra I Graphing Linear Equations

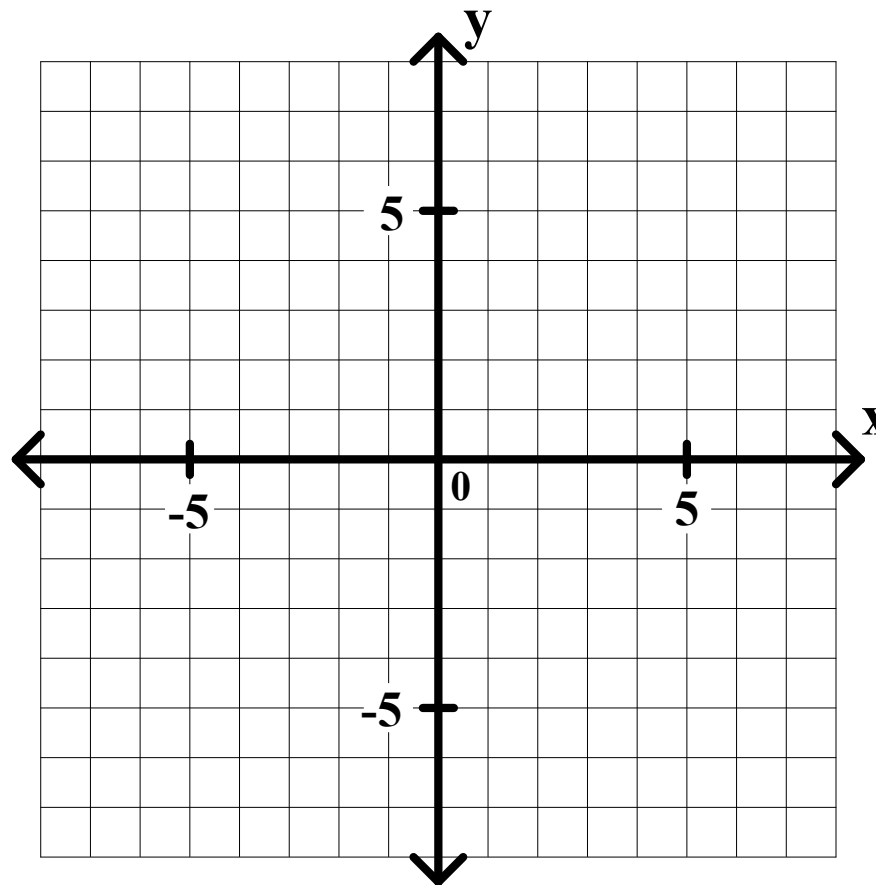
Fill out the x-y tables and graph the equations.

10.  $3x - y = 1$

11.  $-2x - y = 3$

x	y
-2	
-1	
0	
1	
2	

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

# Algebra I Graphing Linear Equations

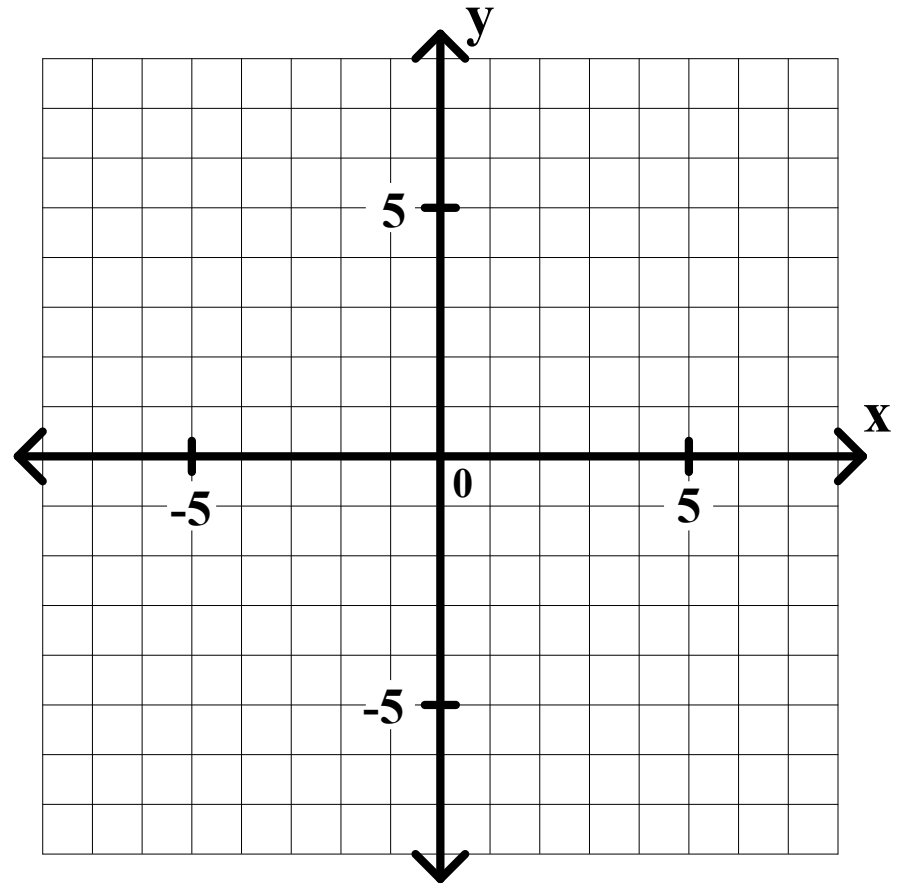
Fill out the x-y tables and graph the equations.

10.  $3x - y = 1$   
 $-3x \quad -3x$

11.  $-2x - y = 3$

x	y
-2	
-1	
0	
1	
2	

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

# Algebra I Graphing Linear Equations

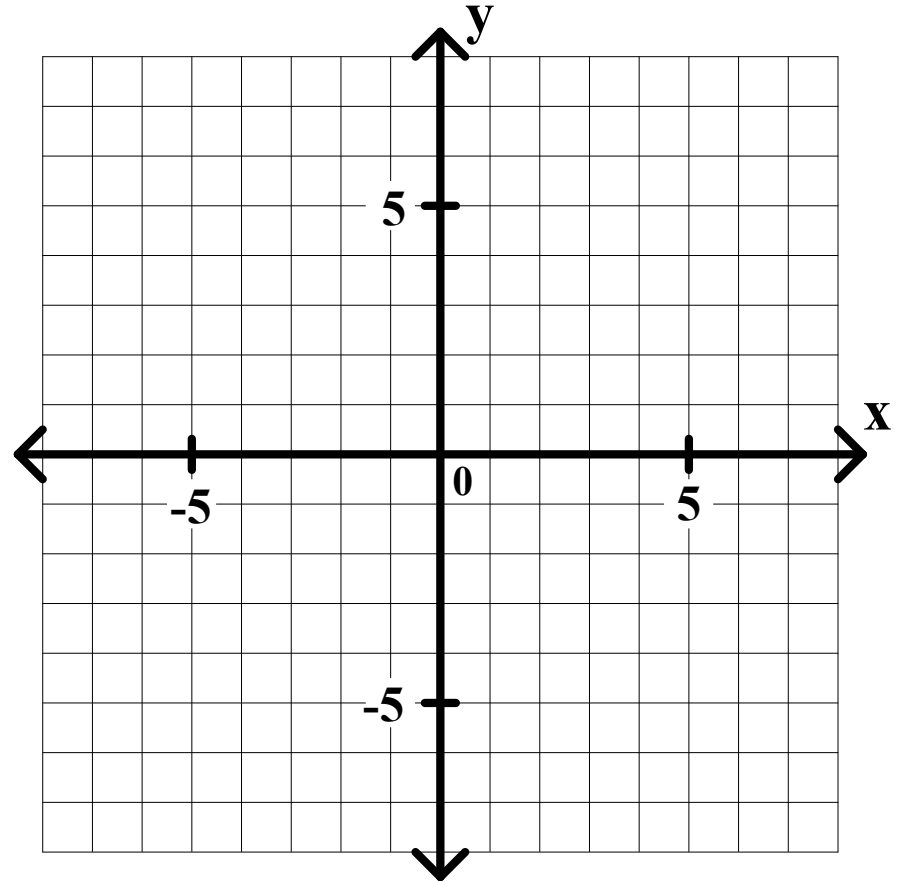
Fill out the x-y tables and graph the equations.

10.  $3x - y = 1$   
 $-3x$        $-3x$

11.  $-2x - y = 3$

x	y
-2	
-1	
0	
1	
2	

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

## Algebra I Graphing Linear Equations

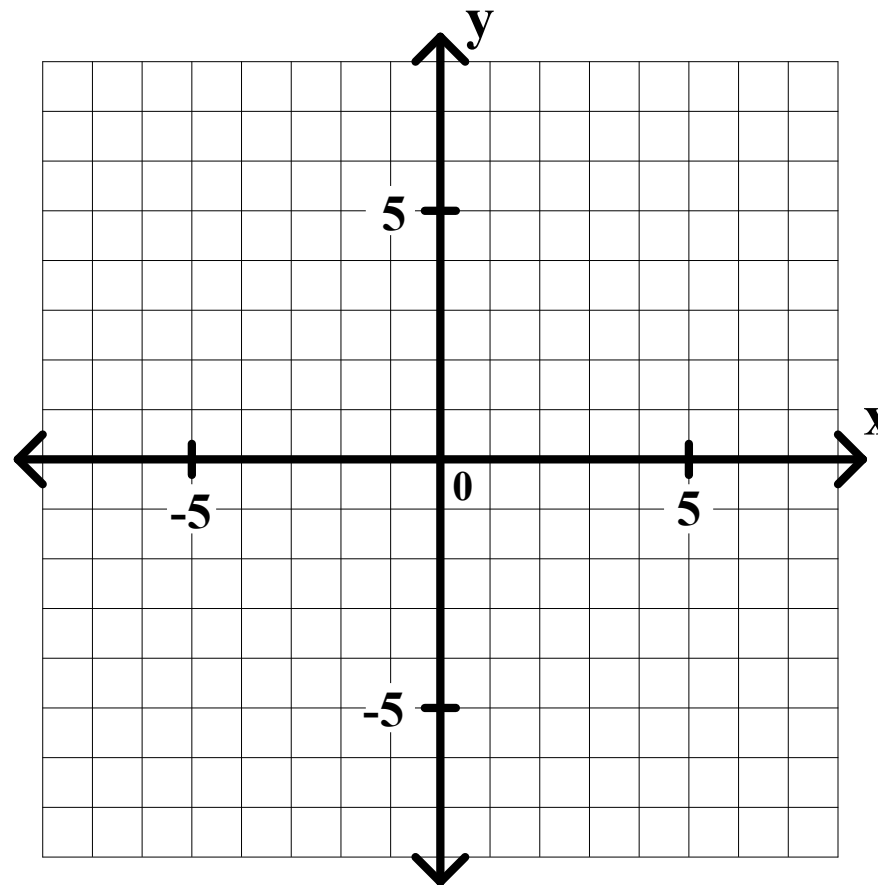
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \underline{-3x \quad -3x} \\ \quad -y = \end{array}$$

x	y
-2	
-1	
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

# Algebra I Graphing Linear Equations

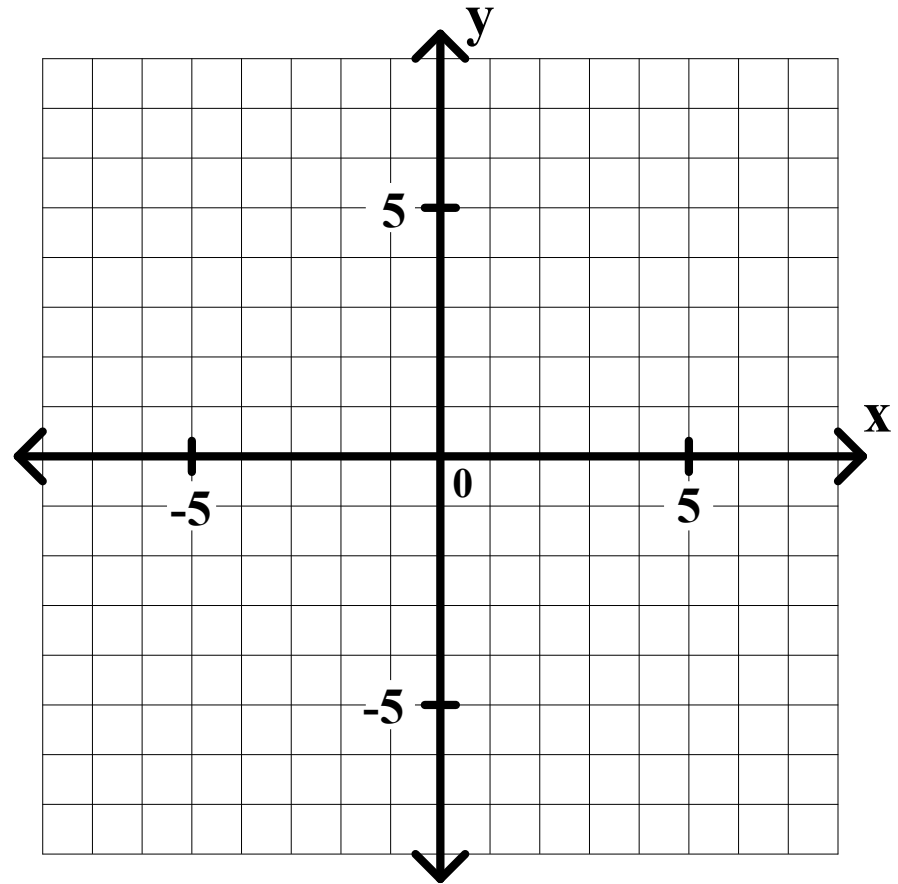
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad -3x \quad -3x \\ \hline \quad -y = -3x \end{array}$$

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

## Algebra I Graphing Linear Equations

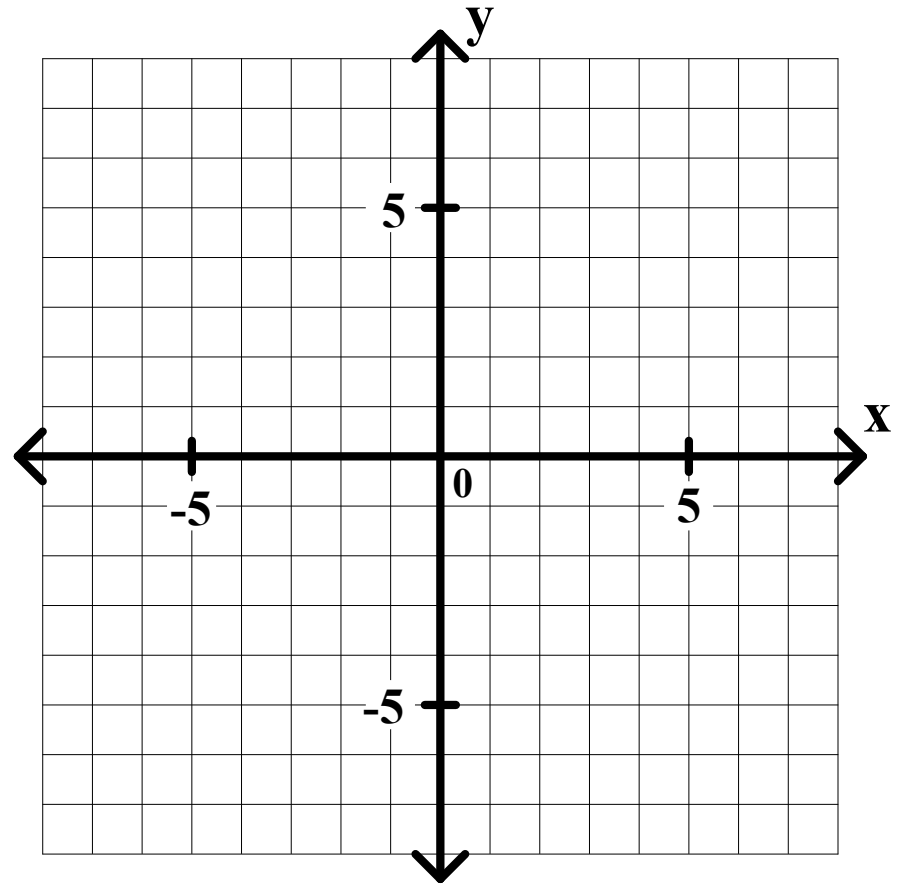
Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \underline{-3x \quad -3x} \\ \quad -y = -3x + 1 \end{array}$$

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

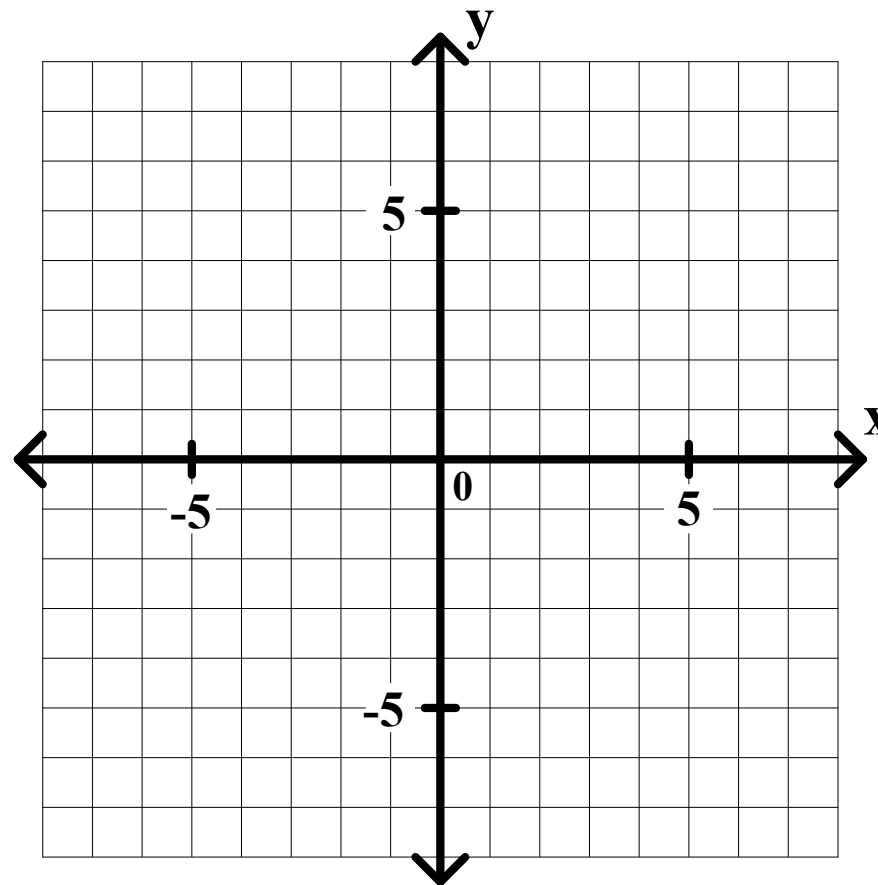
$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

$$\begin{array}{r} -y = -3x + 1 \\ -1 \quad -1 \quad -1 \end{array}$$

x	y
-2	
-1	
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

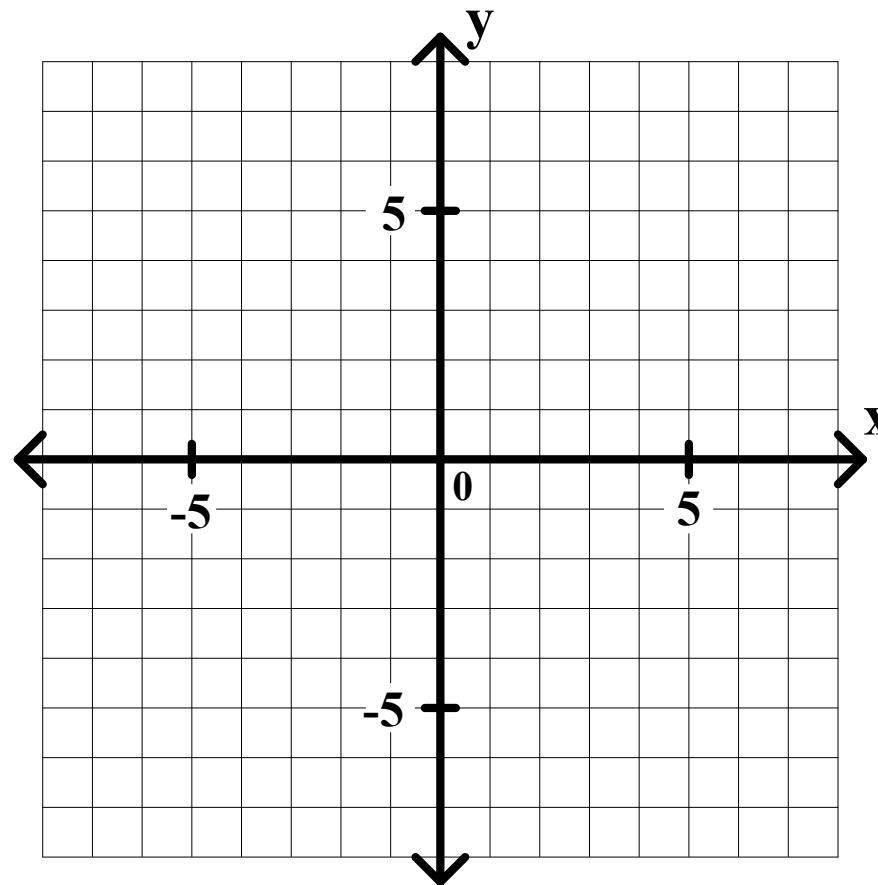
$$\frac{-y}{-1} = \frac{-3x + 1}{-1}$$

$$y =$$

x	y
-2	
-1	
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \underline{-3x} \quad \underline{-3x} \end{array}$$

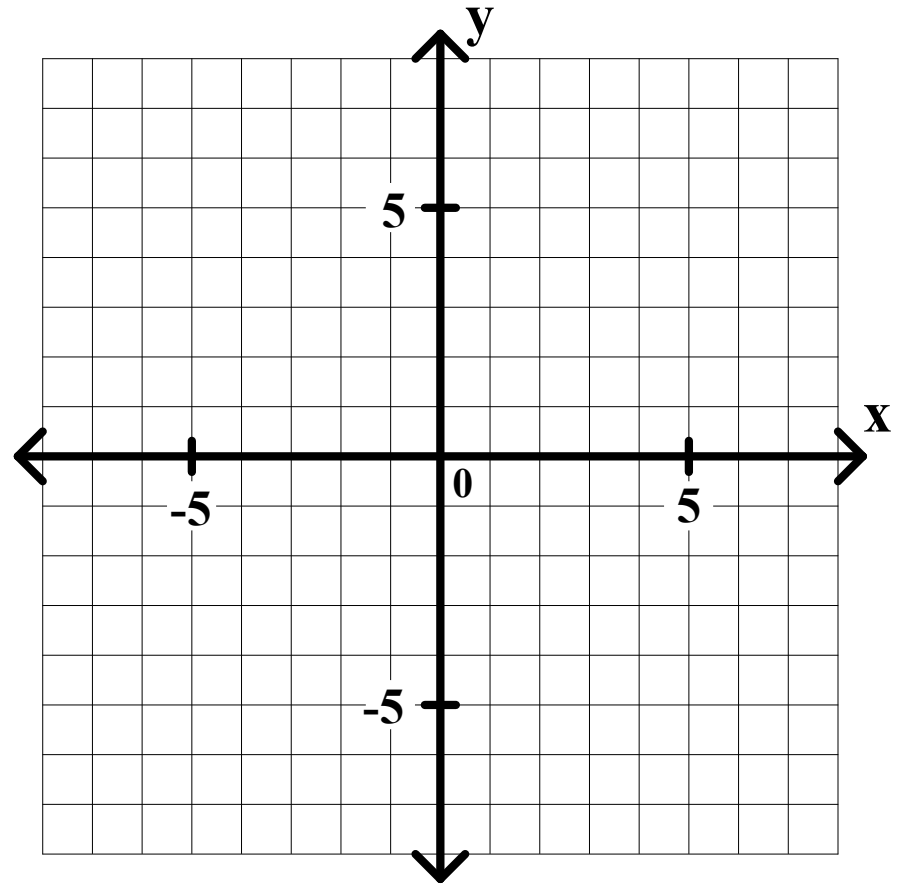
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x$$

x	y
-2	
-1	
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \underline{-3x} \quad \underline{-3x} \end{array}$$

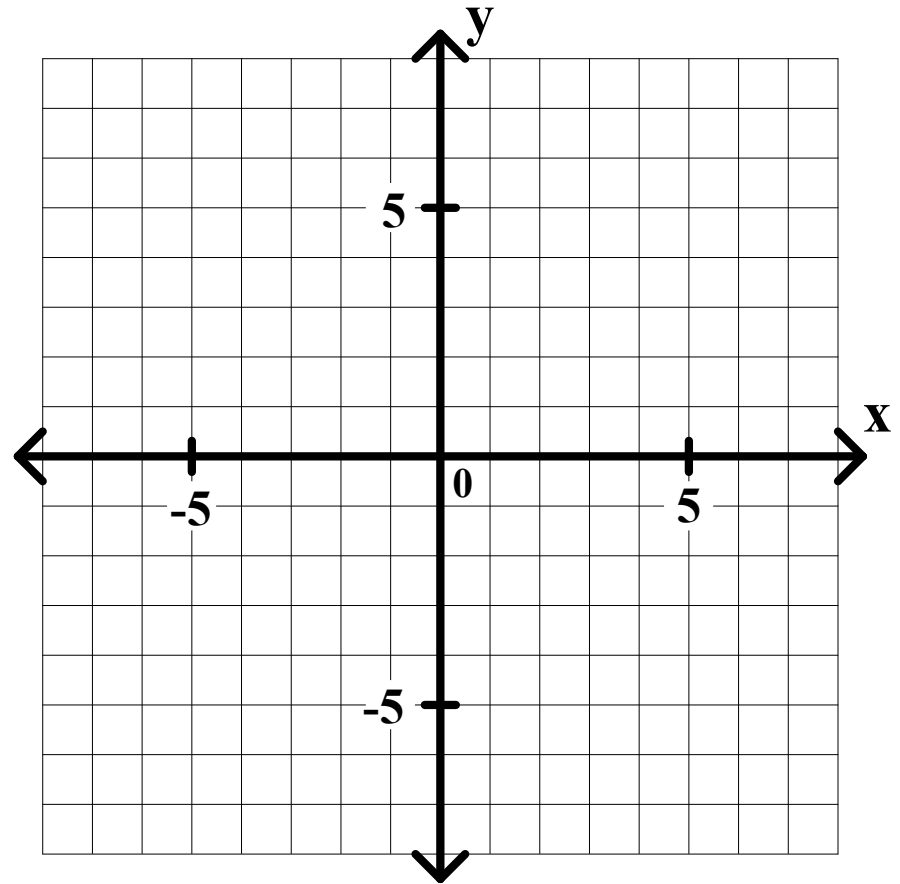
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x -$$

x	y
-2	
-1	
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \underline{-3x} \quad \underline{-3x} \end{array}$$

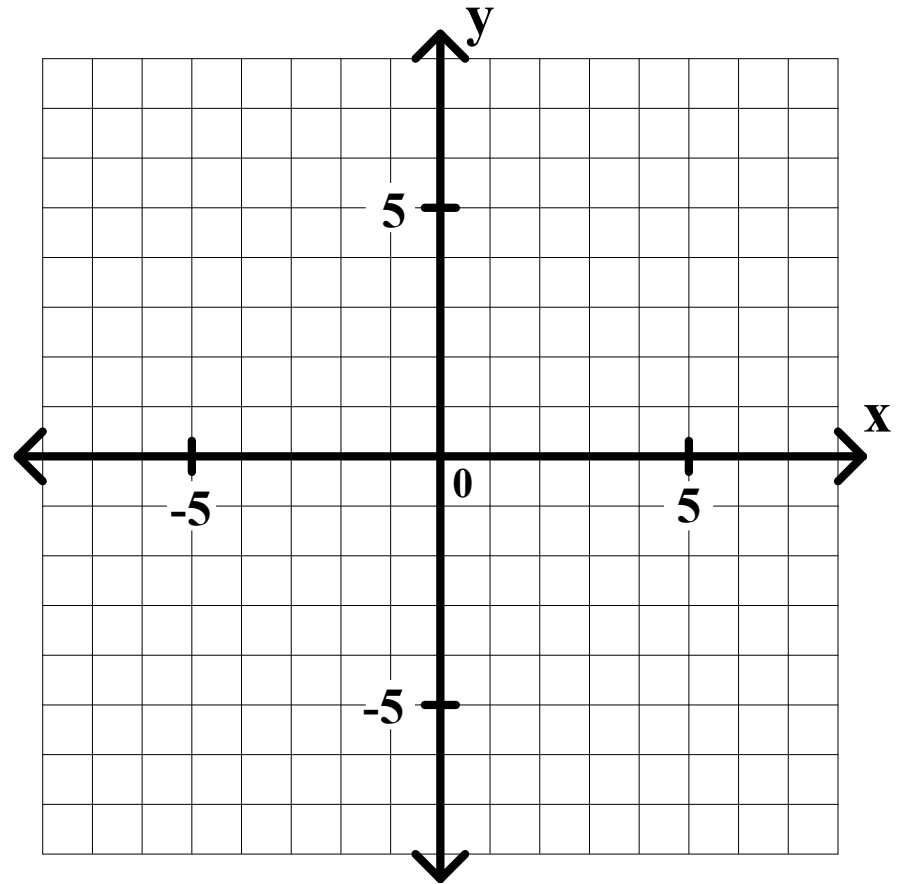
$$\frac{-y}{-1} = \frac{-3x + 1}{-1}$$

$$y = 3x - 1$$

x	y
-2	
-1	
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

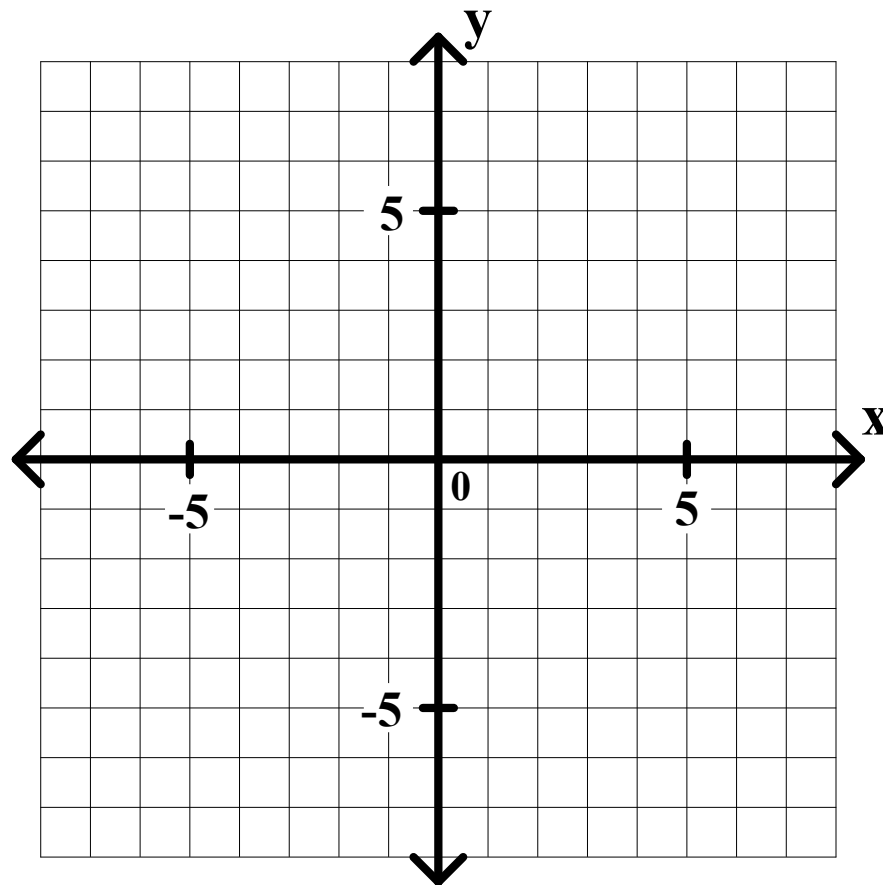
$$\frac{-y}{-1} = \frac{-3x + 1}{-1}$$

$$y = 3x - 1$$

x	y
-2	
-1	
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \quad -3x \quad -3x \\ \hline \end{array}$$

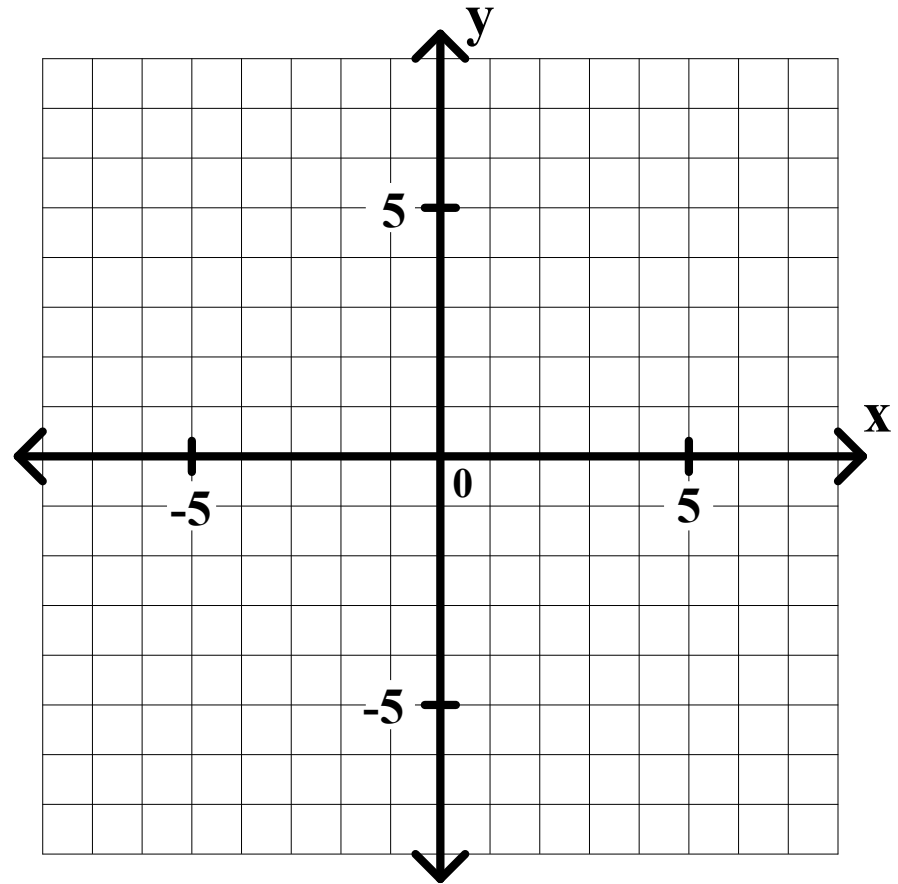
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x - 1$$

x	y
-2	-6
-1	
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad -3x \quad -3x \\ \hline \end{array}$$

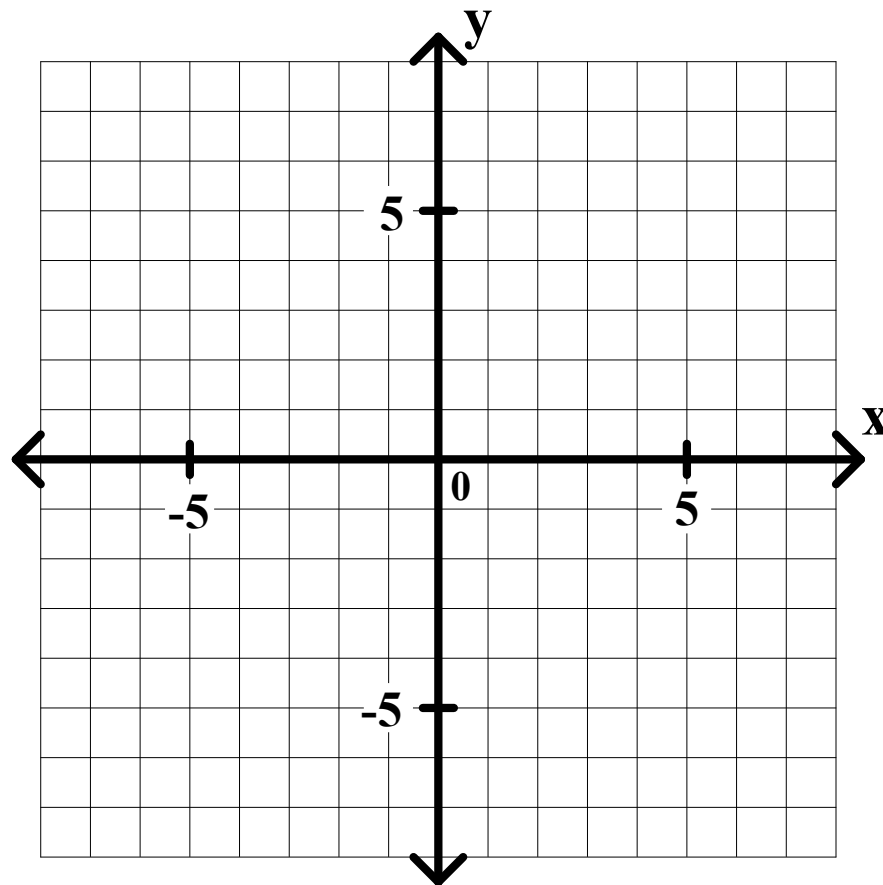
$$\frac{-y}{-1} = \frac{-3x + 1}{-1}$$

$$y = 3x - 1$$

x	y
-2	-6 - 1
-1	
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \quad -3x \quad -3x \\ \hline \end{array}$$

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

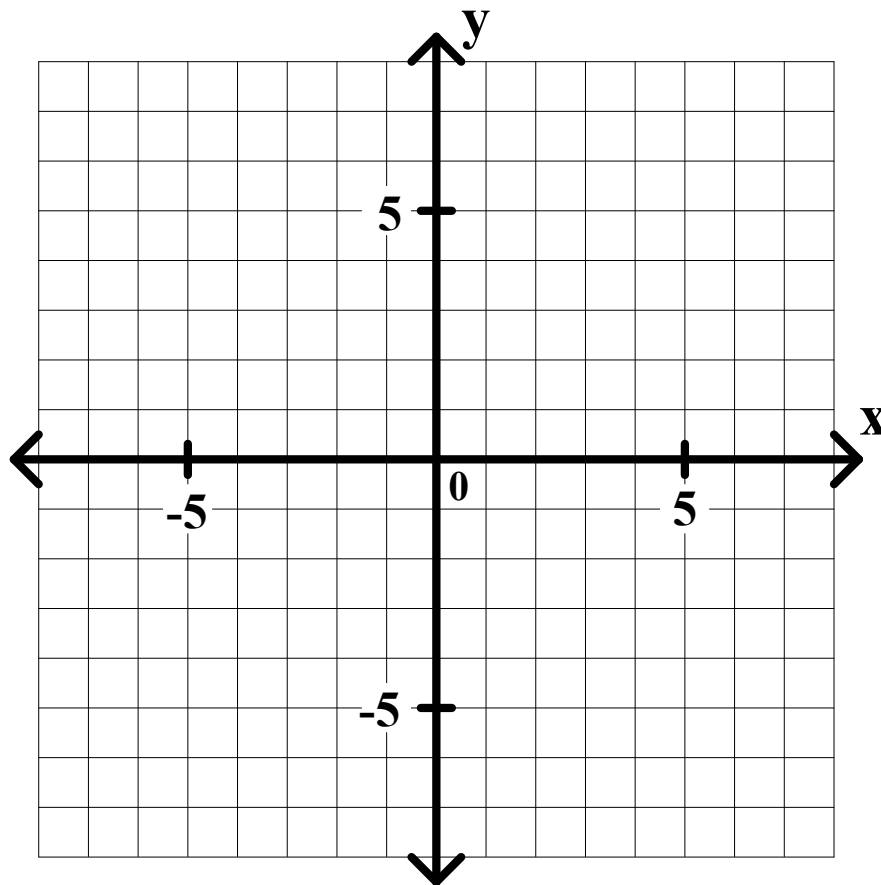
$$y = 3x - 1$$

x	y
-2	-7
-1	
0	
1	
2	

**-6 - 1**

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \underline{-3x \quad -3x} \end{array}$$

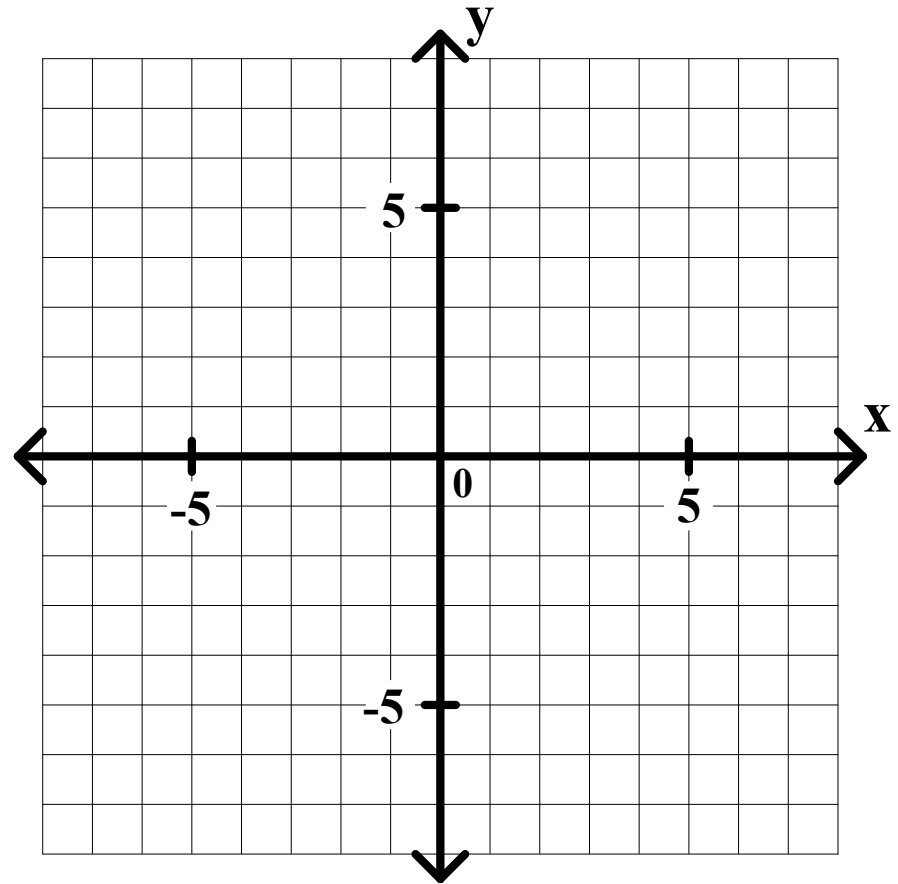
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x - 1$$

x	y
-2	-7
-1	-3
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	





## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \quad -3x \quad -3x \\ \hline \end{array}$$

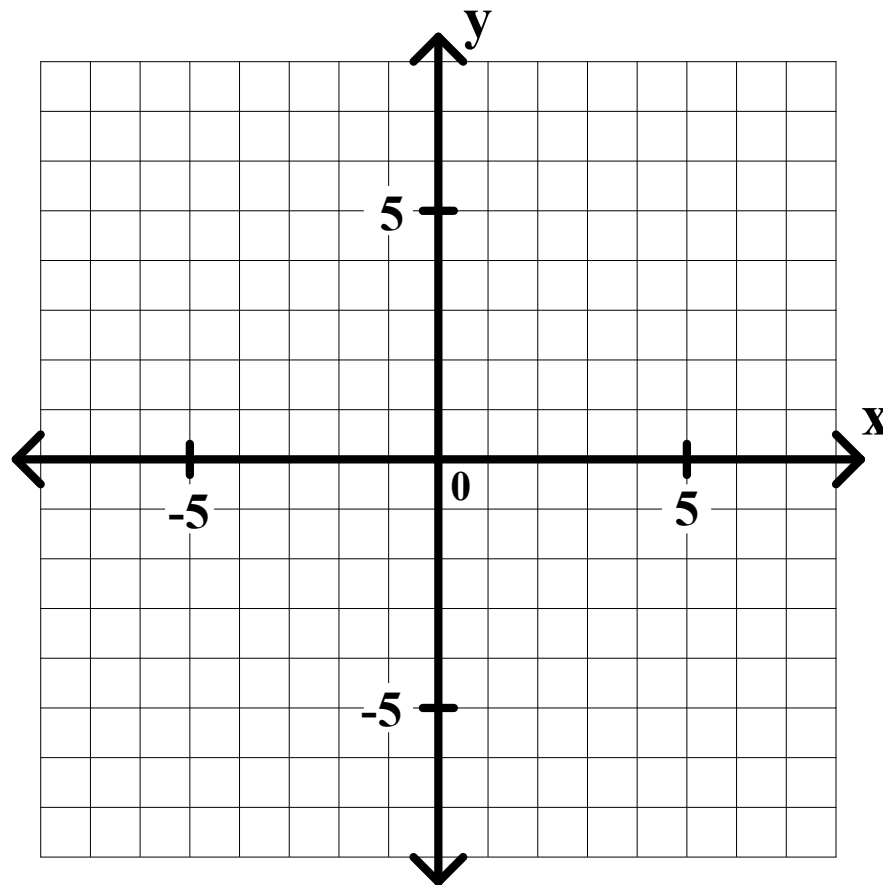
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x - 1$$

x	y
-2	-7
-1	-3
0	-1
1	1
2	3

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \quad -3x \quad -3x \\ \hline \end{array}$$

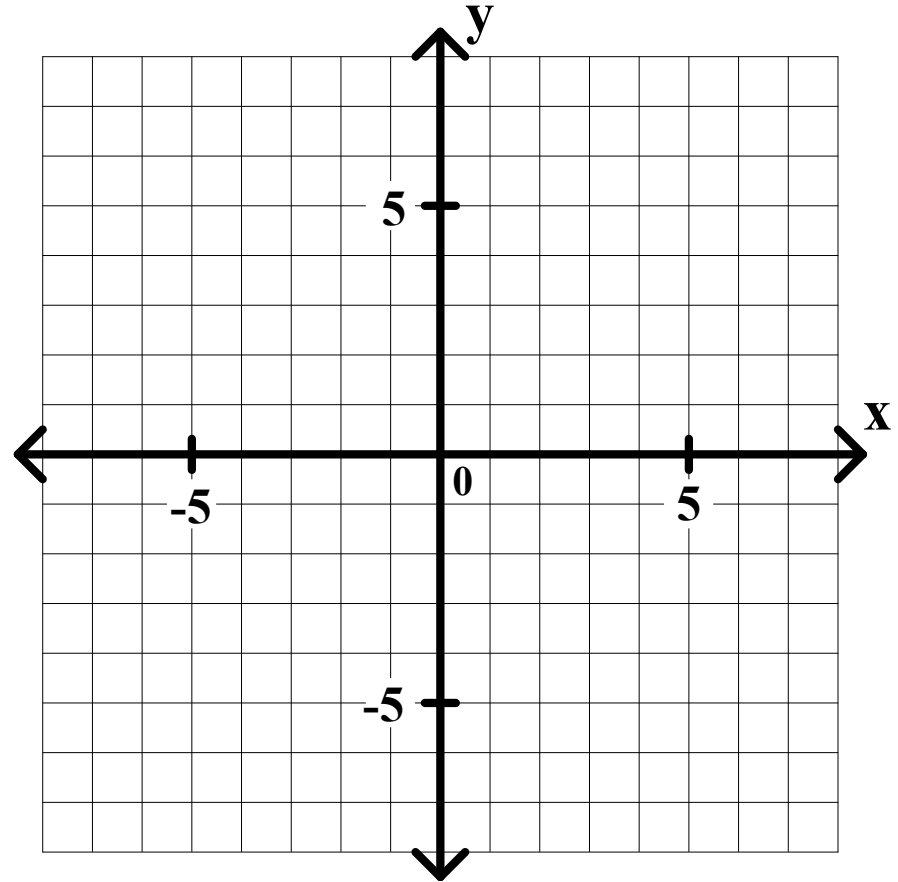
$$\frac{-y}{-1} = \frac{-3x + 1}{-1}$$

$$y = 3x - 1$$

x	y
-2	-7
-1	-4
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

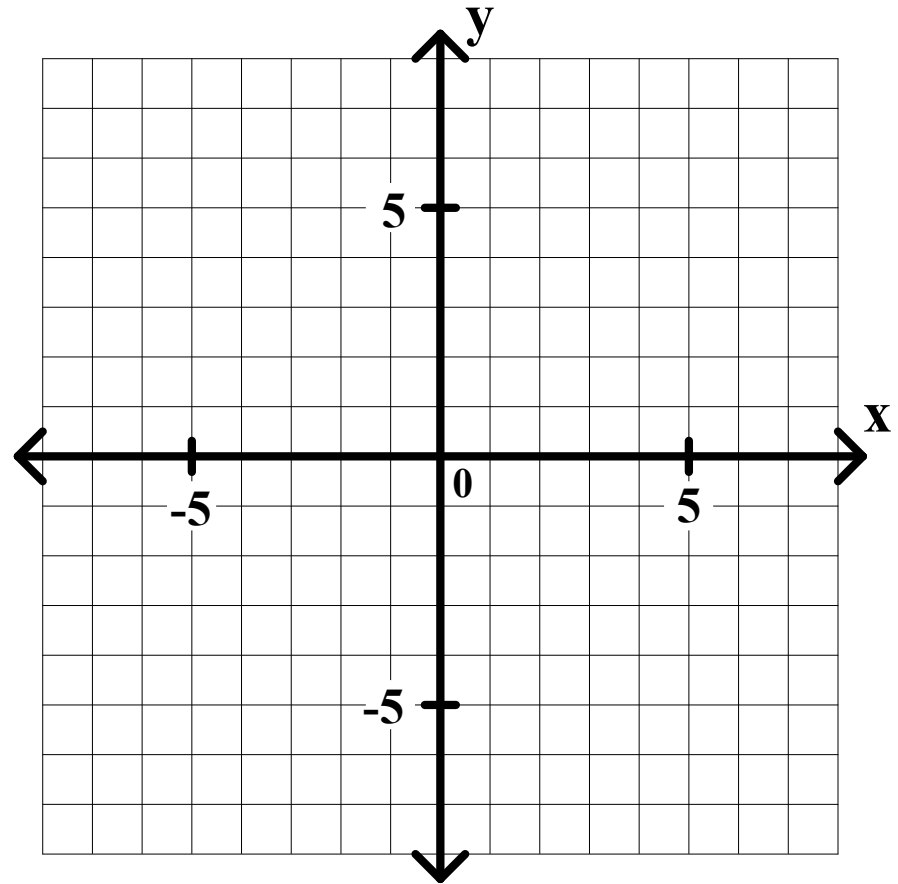
$$\frac{-y}{-1} = \frac{-3x + 1}{-1}$$

$$y = 3x - 1$$

x	y
-2	-7
-1	-4
0	-1
1	2
2	5

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

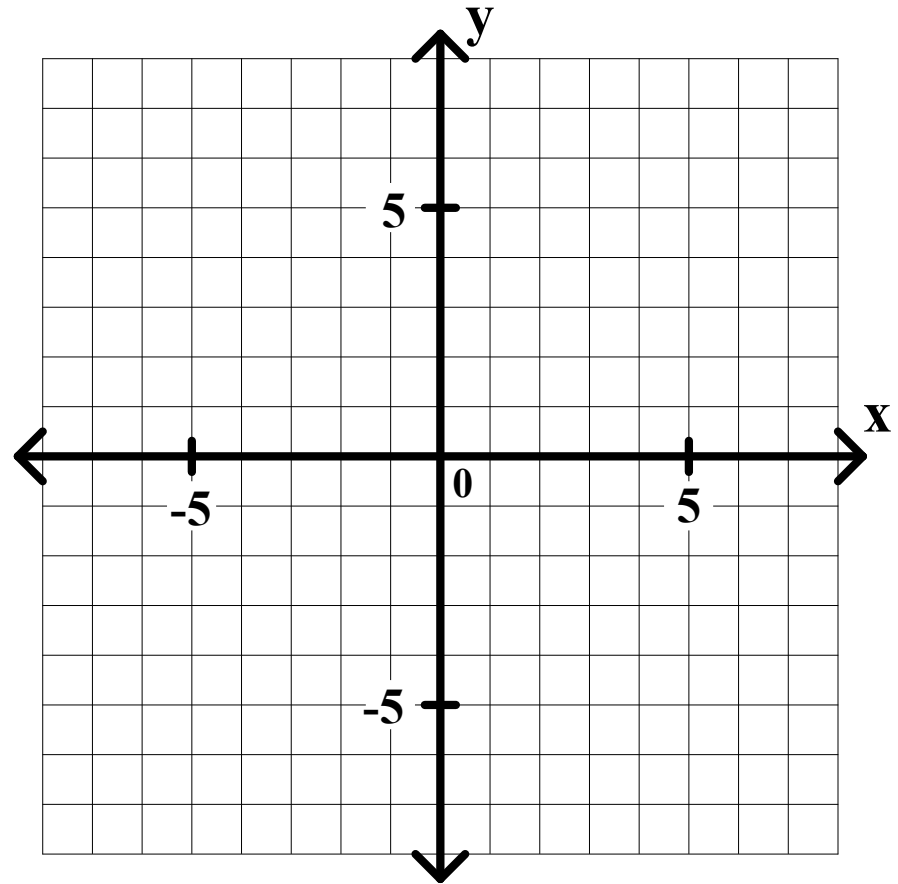
$$\frac{-y}{-1} = \frac{-3x + 1}{-1}$$

$$y = 3x - 1$$

x	y
-2	-7
-1	-4
0	
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

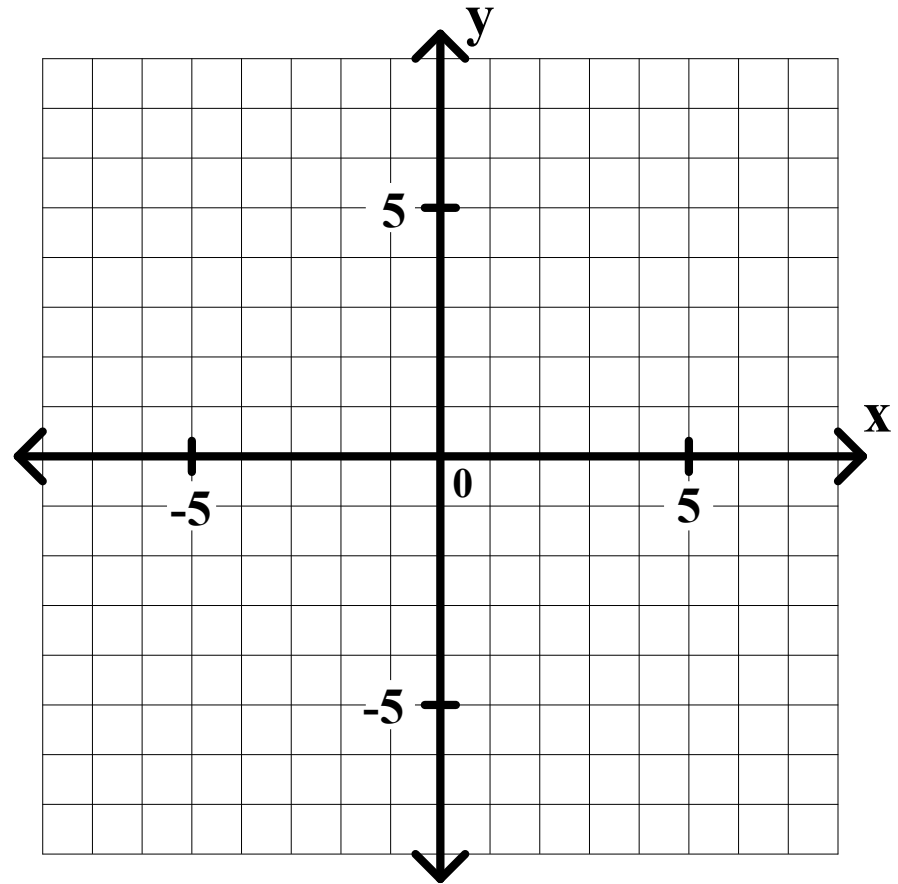
$$\begin{array}{r} -y = -3x + 1 \\ -1 \quad -1 \quad -1 \end{array}$$

$$y = 3x - 1$$

x	y
-2	-7
-1	-4
0	-1
1	
2	

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \underline{-3x} \quad \underline{-3x} \end{array}$$

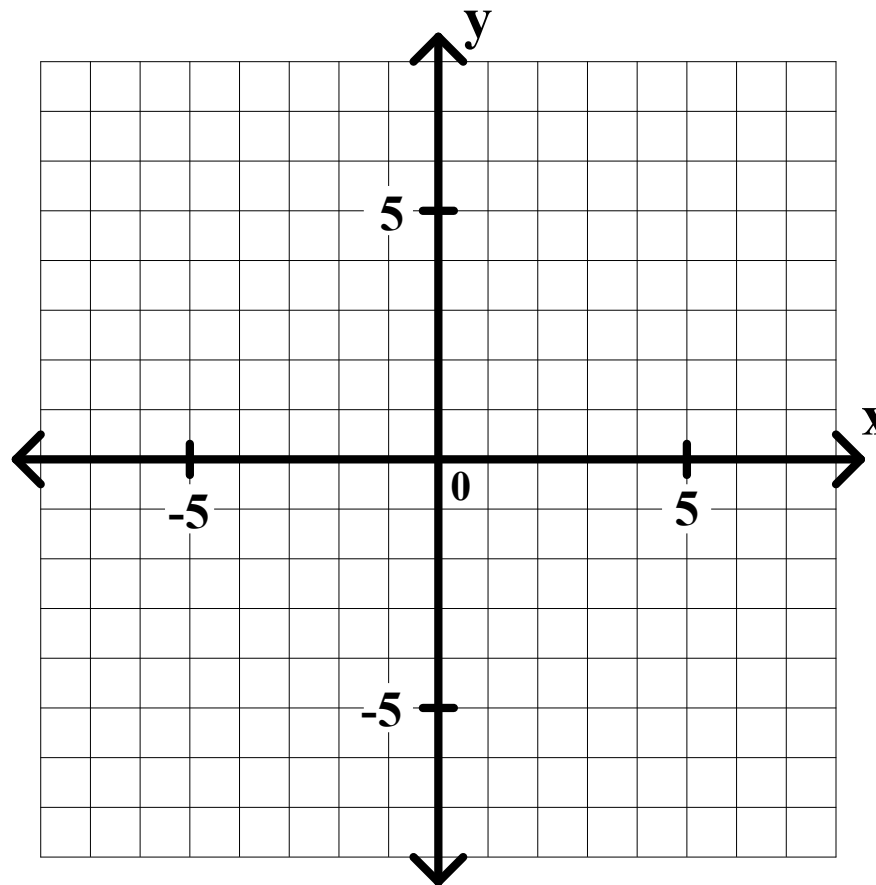
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1		3
2		

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

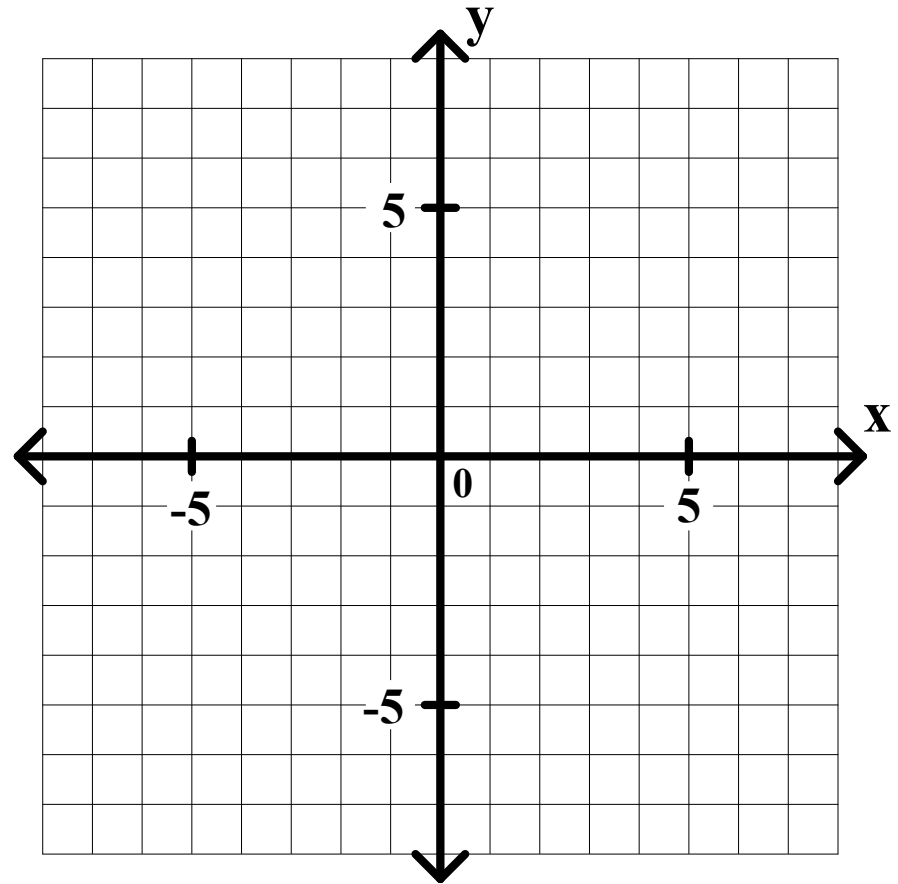
$$\begin{array}{r} -y = -3x + 1 \\ -1 \quad -1 \quad -1 \end{array}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1		3 - 1
2		

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

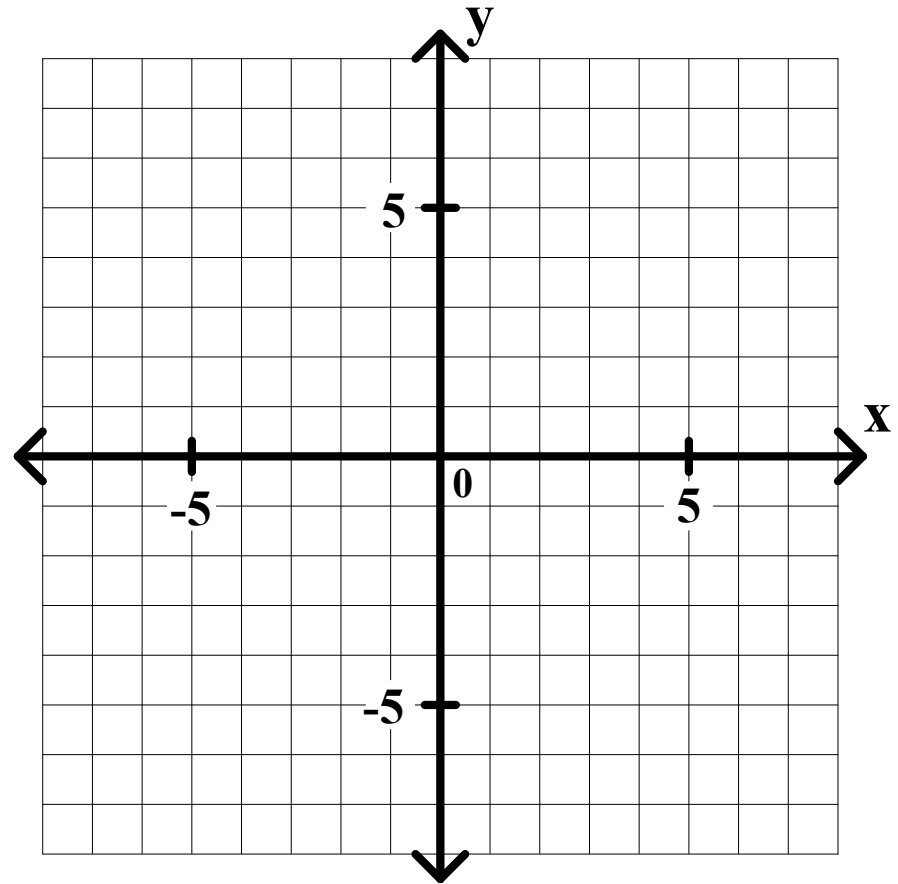
$$\begin{array}{r} -y = -3x + 1 \\ -1 \quad -1 \quad -1 \end{array}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2		

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	





## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

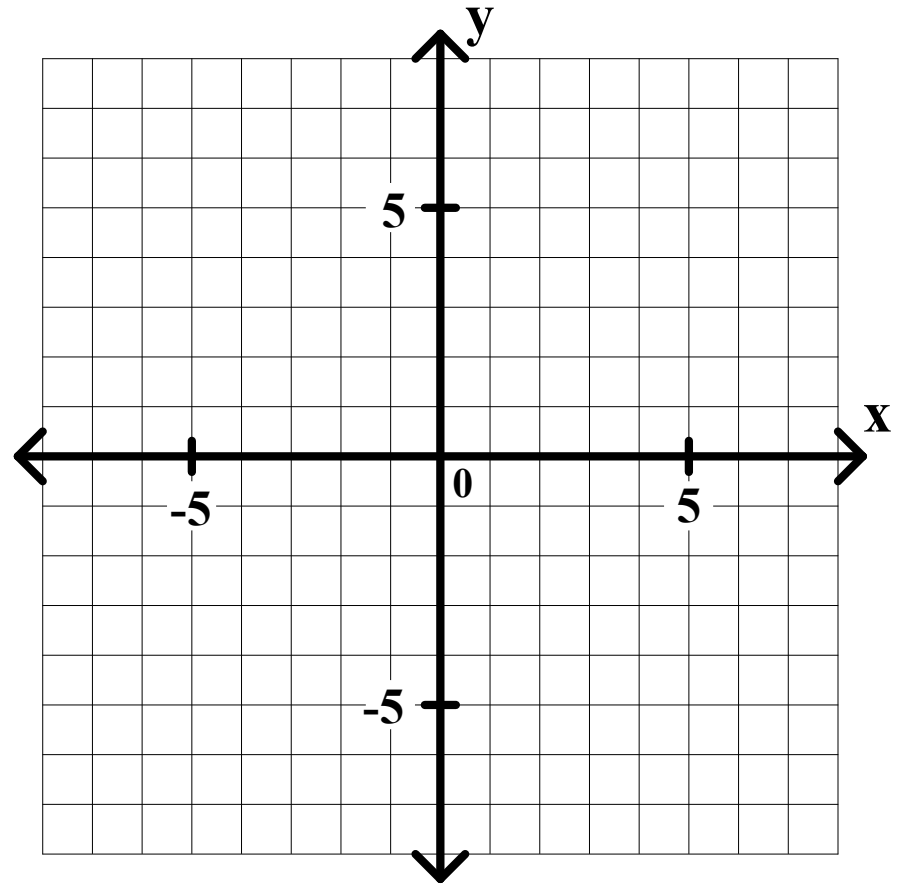
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2		6

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

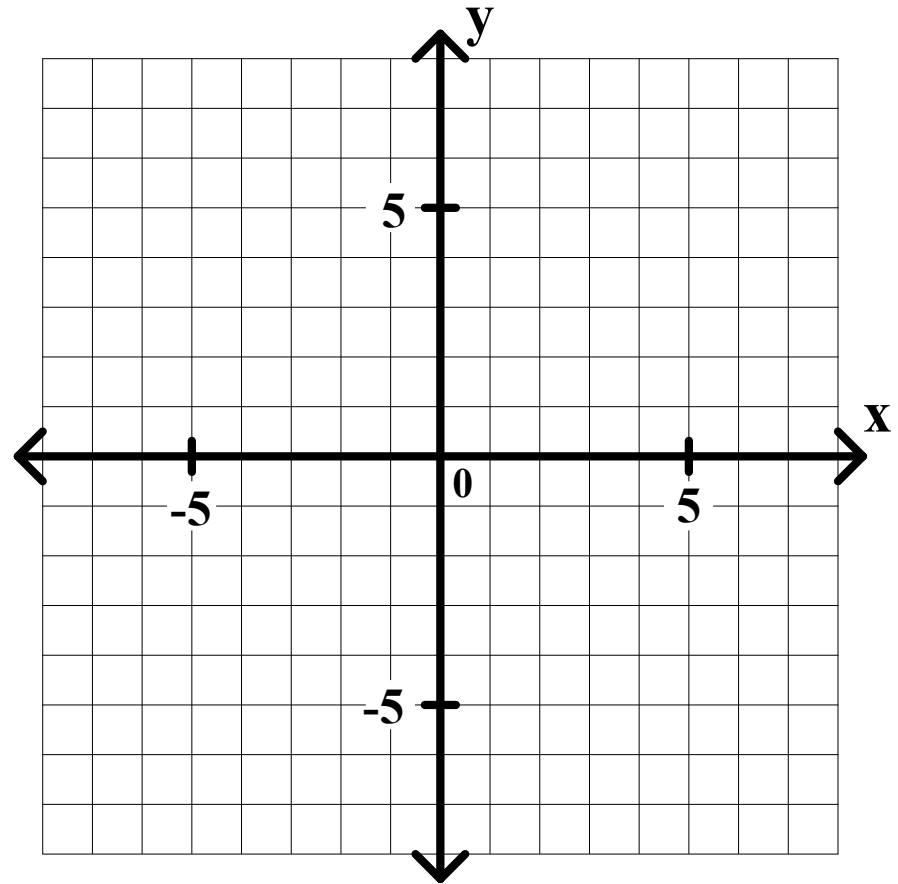
$$\begin{array}{r} -y = -3x + 1 \\ -1 \quad -1 \quad -1 \end{array}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2		6 - 1

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \underline{-3x} \quad \underline{-3x} \end{array}$$

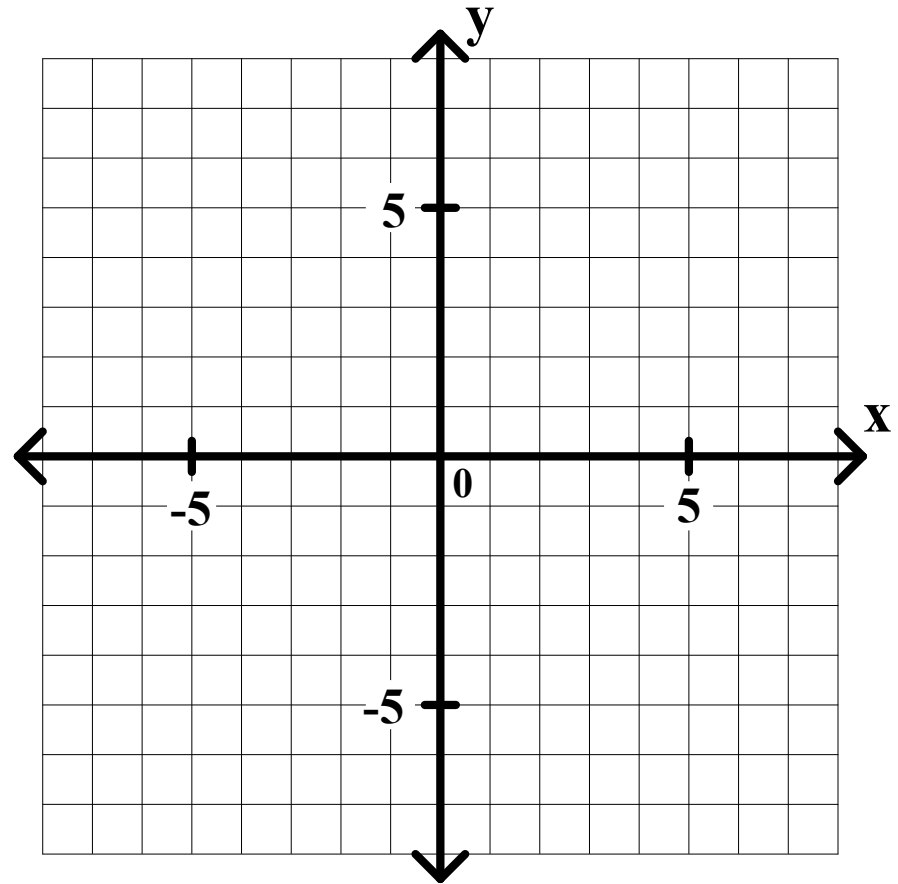
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad -3x \quad -3x \\ \hline \end{array}$$

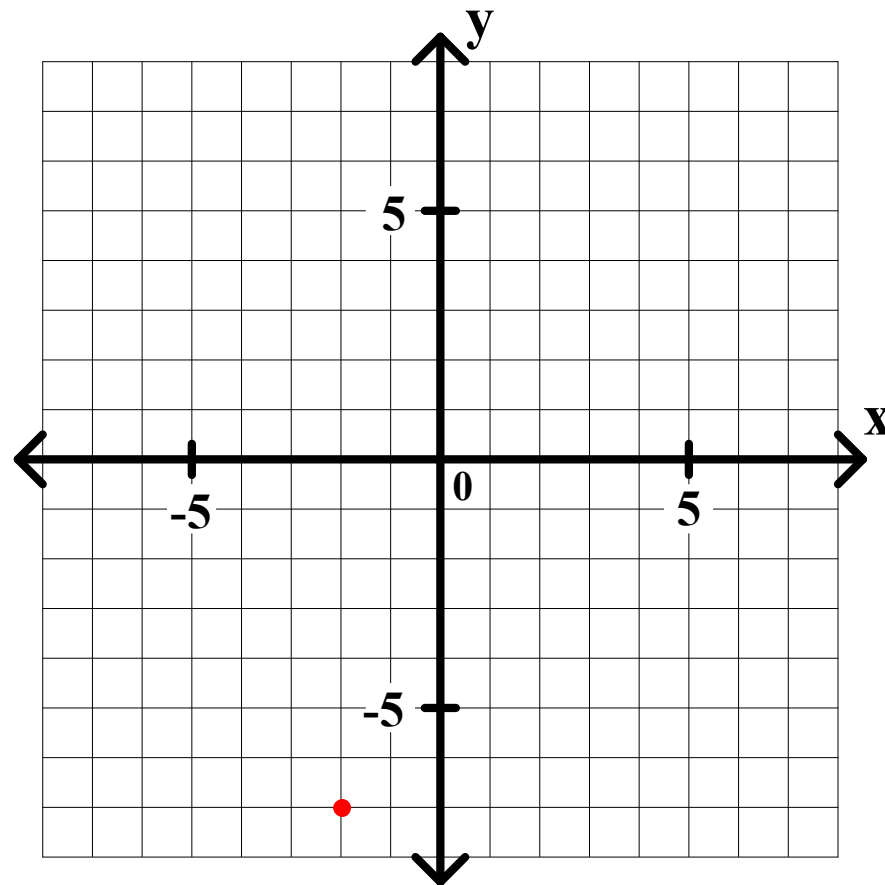
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \quad -3x \quad -3x \\ \hline \end{array}$$

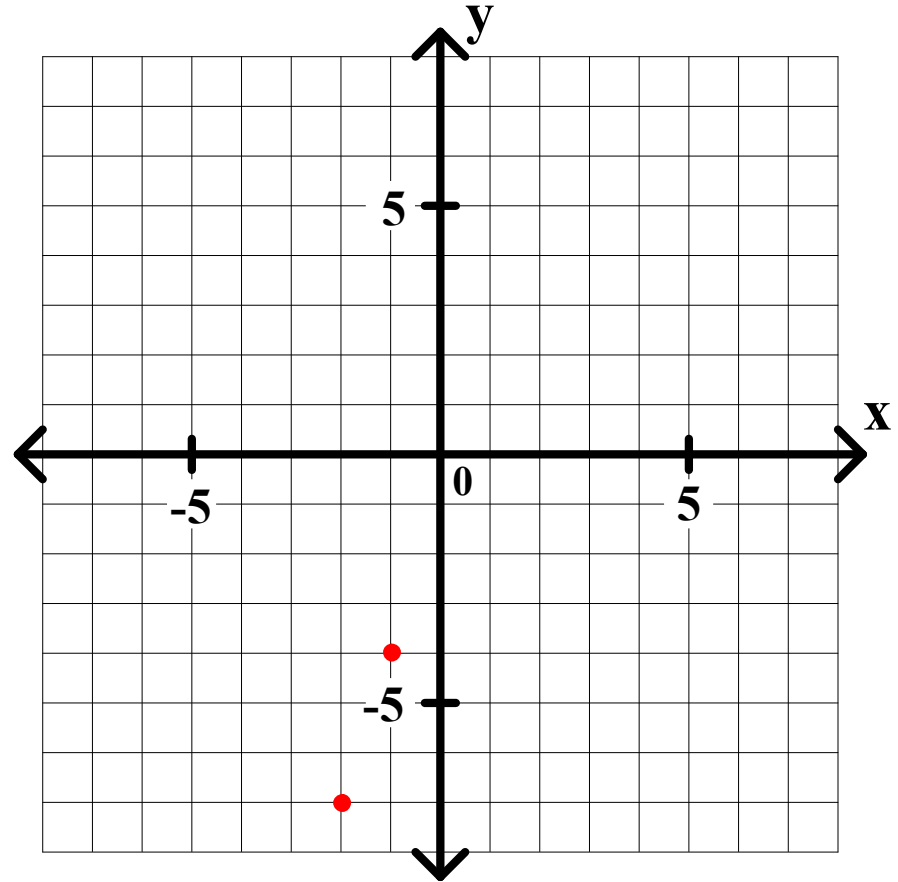
$$\frac{-y}{-1} = \frac{-3x + 1}{-1}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \underline{-3x} \quad \underline{-3x} \end{array}$$

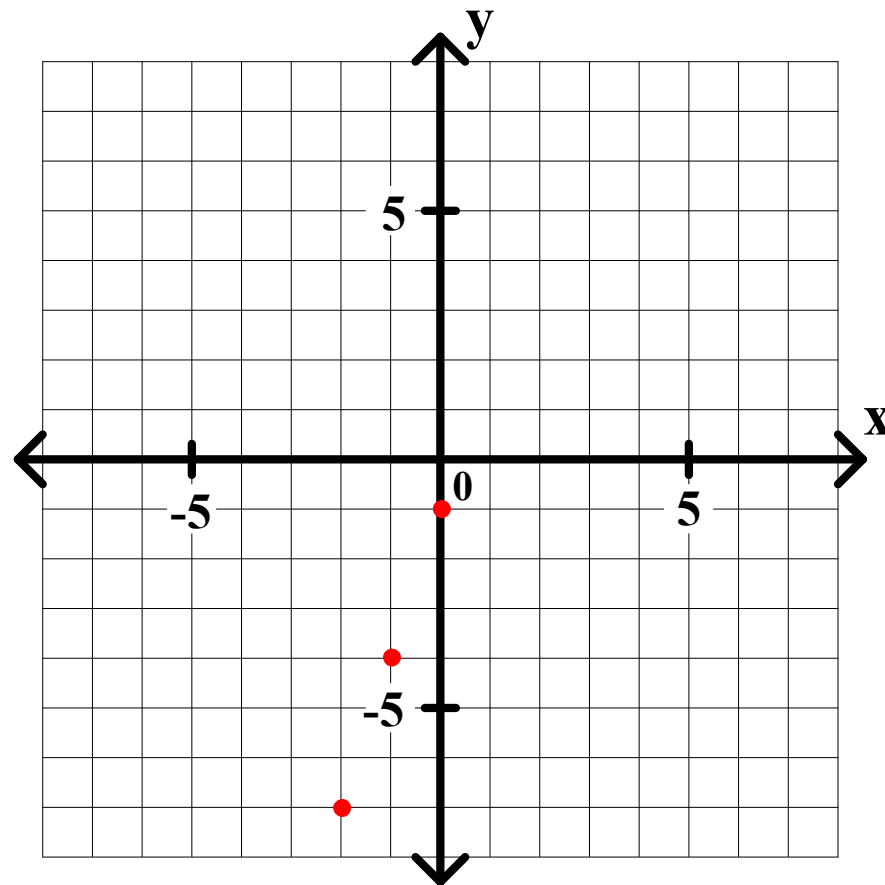
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad -3x \quad -3x \\ \hline \end{array}$$

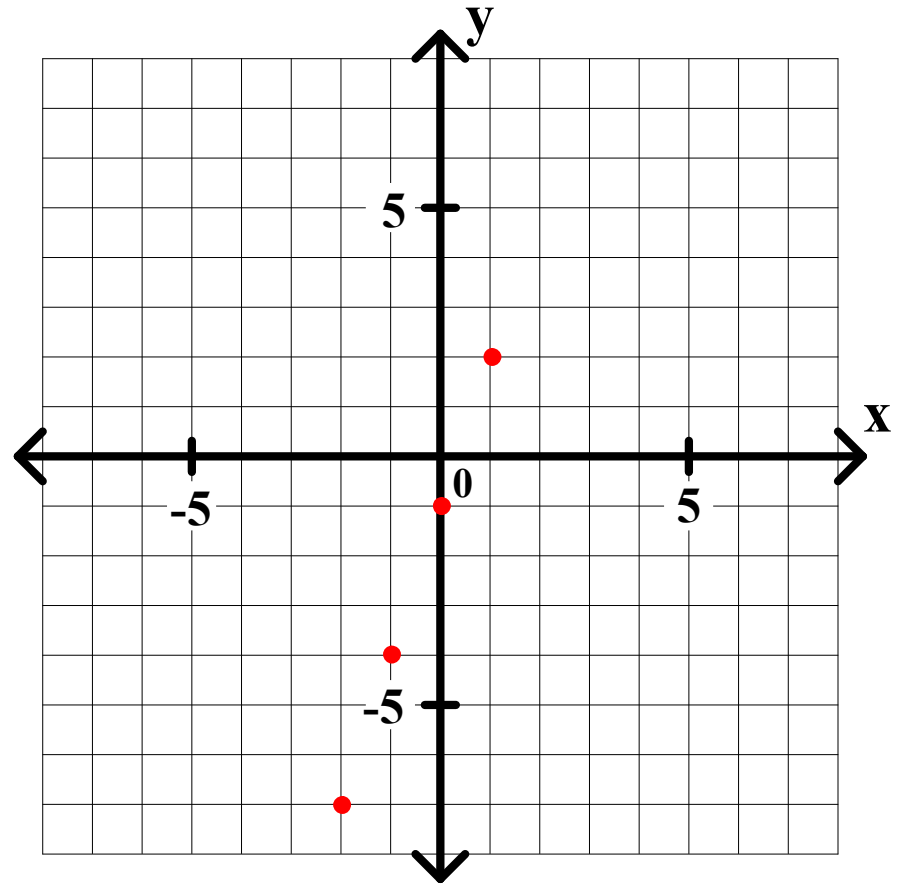
$$\frac{-y}{-1} = \frac{-3x + 1}{-1}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

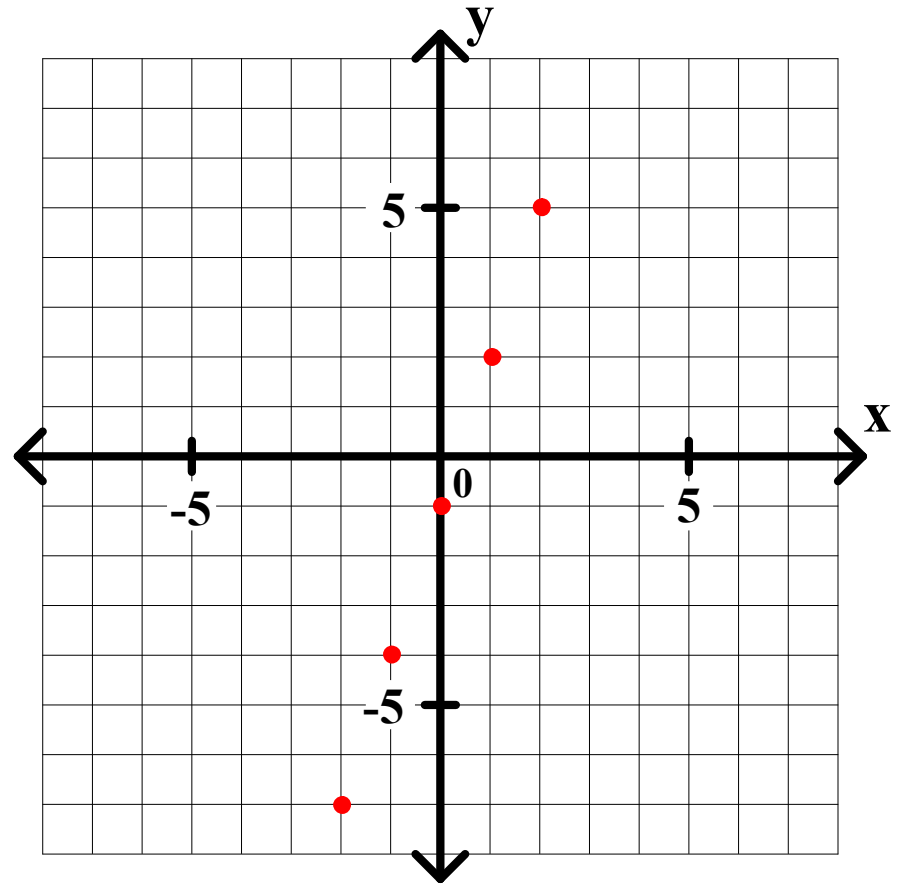
$$\begin{array}{r} -y = -3x + 1 \\ -1 \quad -1 \quad -1 \end{array}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	





# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

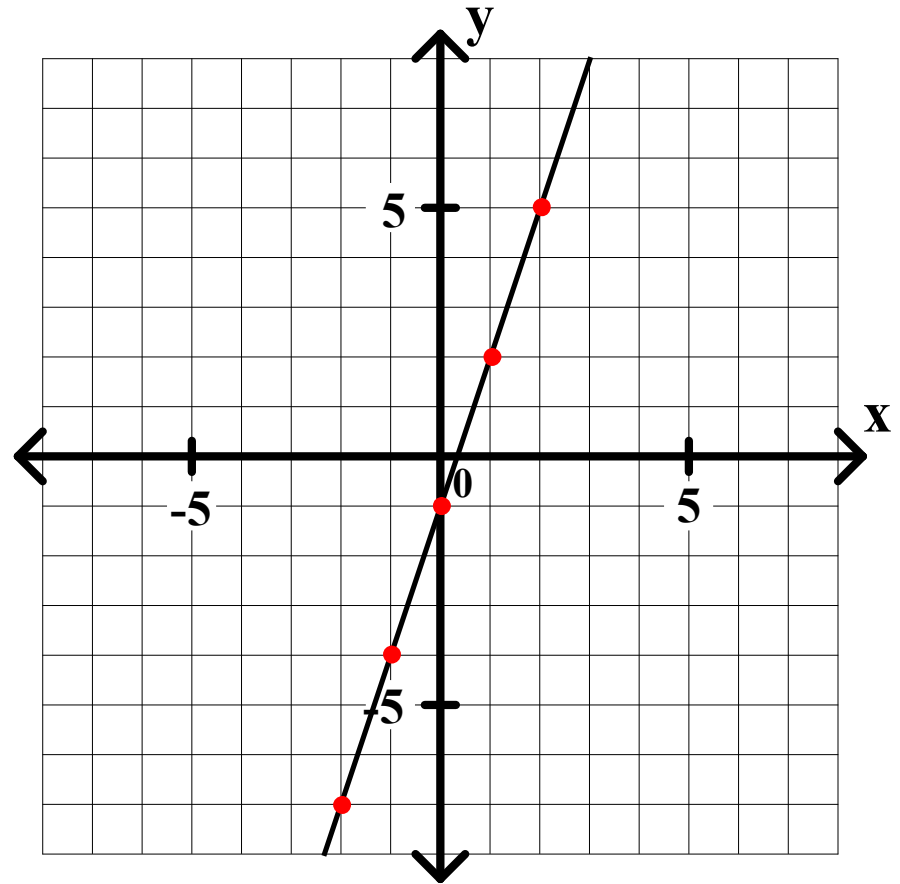
$$\begin{array}{r} -y = -3x + 1 \\ -1 \quad -1 \quad -1 \end{array}$$

$$y = 3x - 1$$

x	y	
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-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \quad -3x \quad -3x \\ \hline \end{array}$$

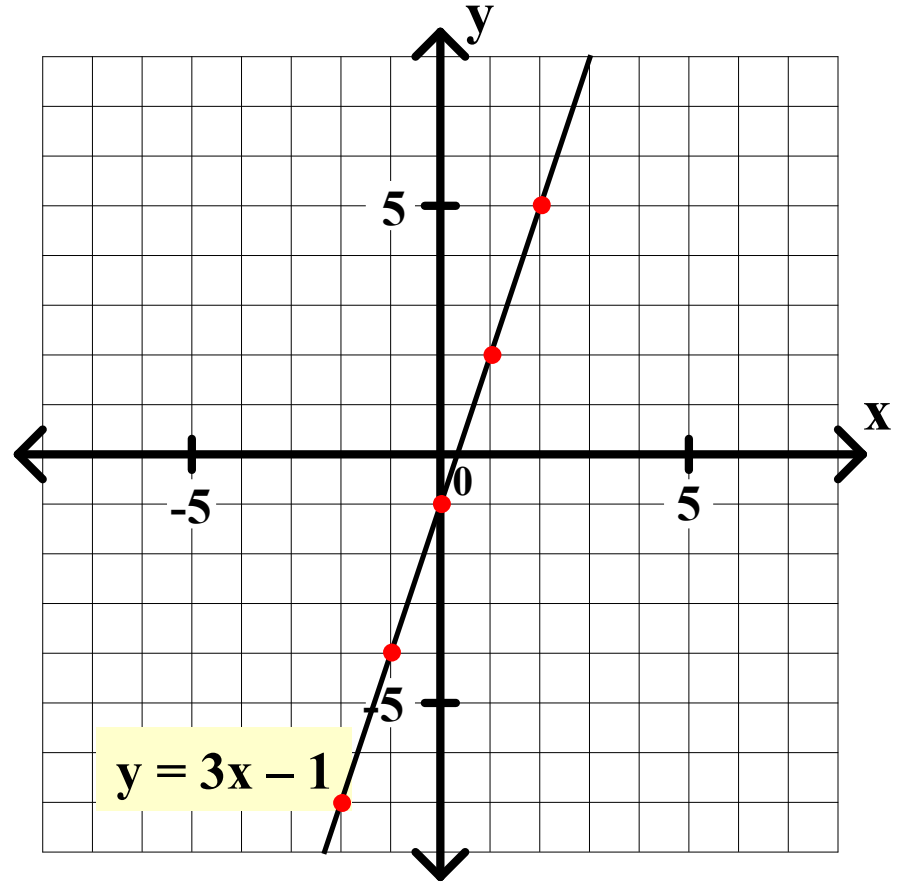
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$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

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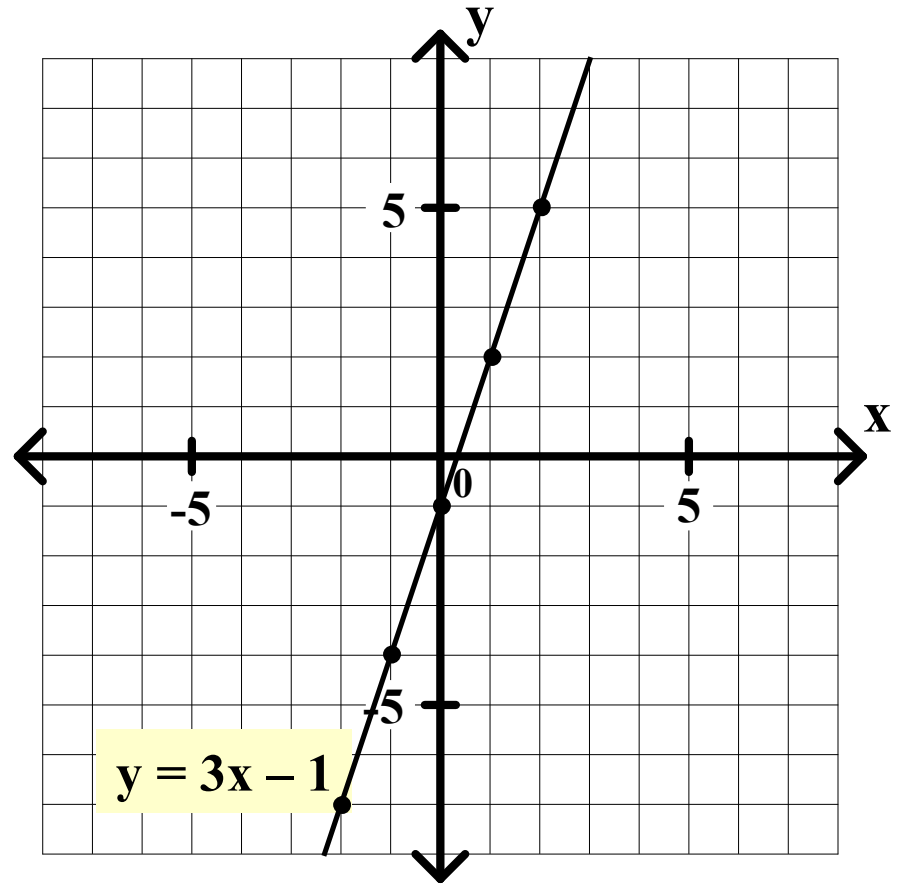
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x	y	
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1	2	3 - 1
2	5	6 - 1

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

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$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad \underline{-3x} \quad \underline{-3x} \end{array}$$

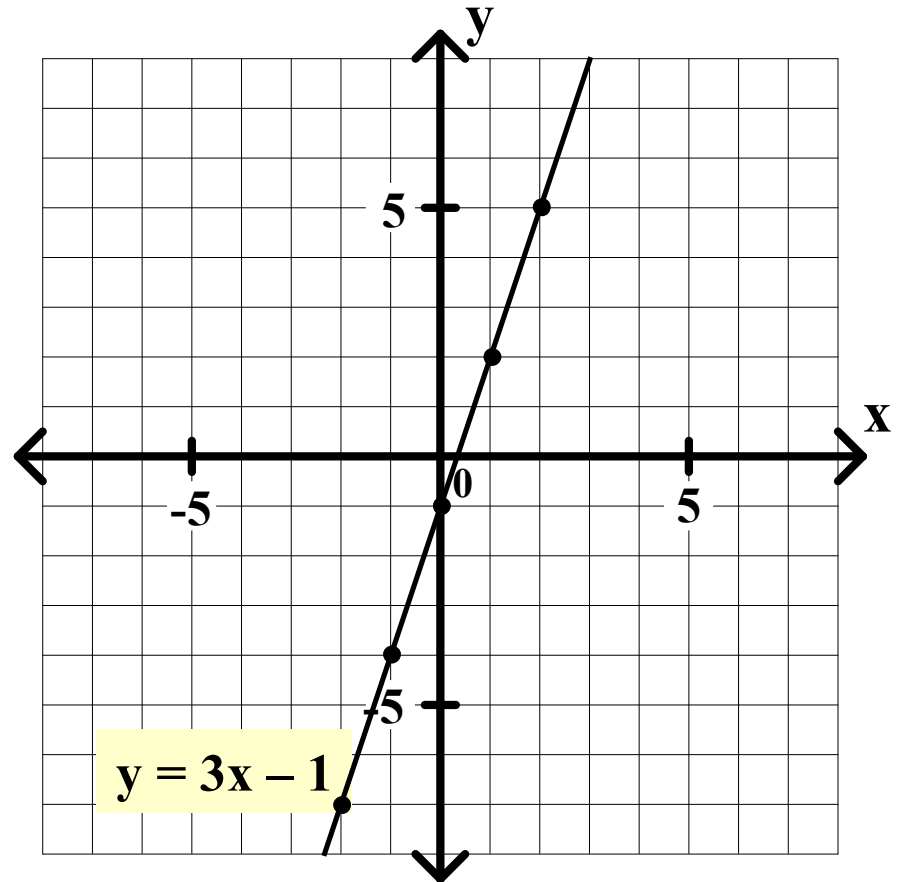
$$\frac{-y}{-1} = \frac{-3x + 1}{-1}$$

$$y = 3x - 1$$

x	y
-2	-7
-1	-4
0	-1
1	2
2	5

$$11. \quad -2x - y = 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$10. \quad \begin{array}{r} 3x - y = 1 \\ -3x \quad -3x \\ \hline \end{array}$$

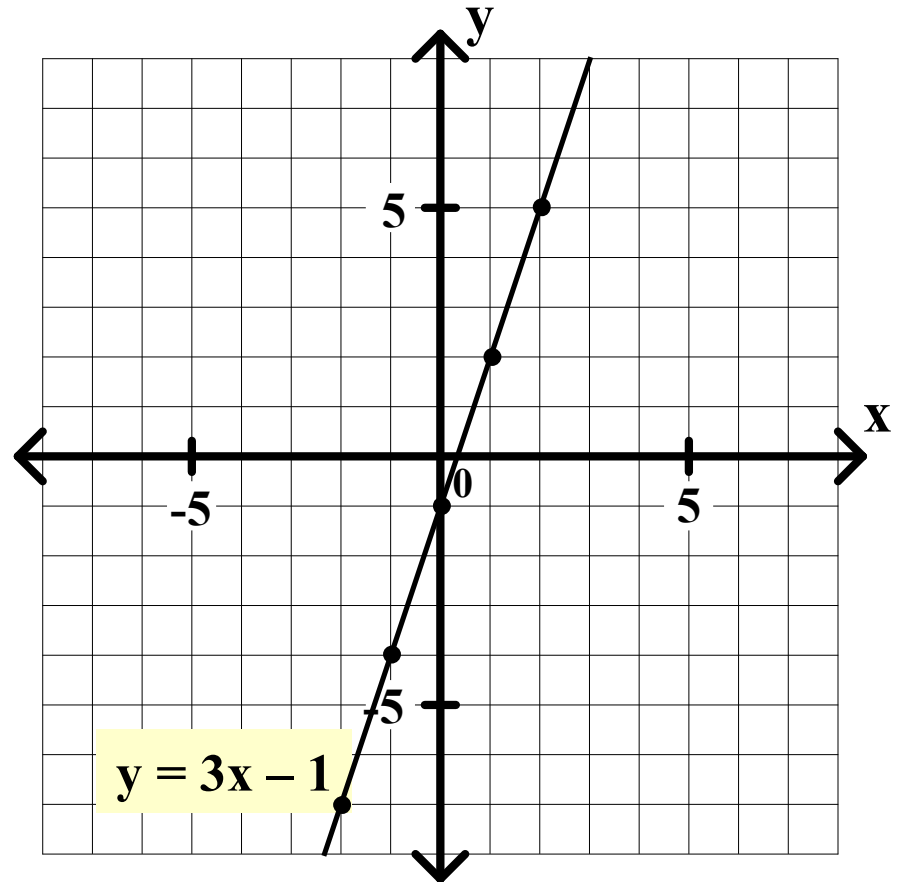
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x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$11. \quad \begin{array}{r} -2x - y = 3 \\ +2x \quad +2x \\ \hline \end{array}$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \underline{-3x \quad -3x} \end{array}$$

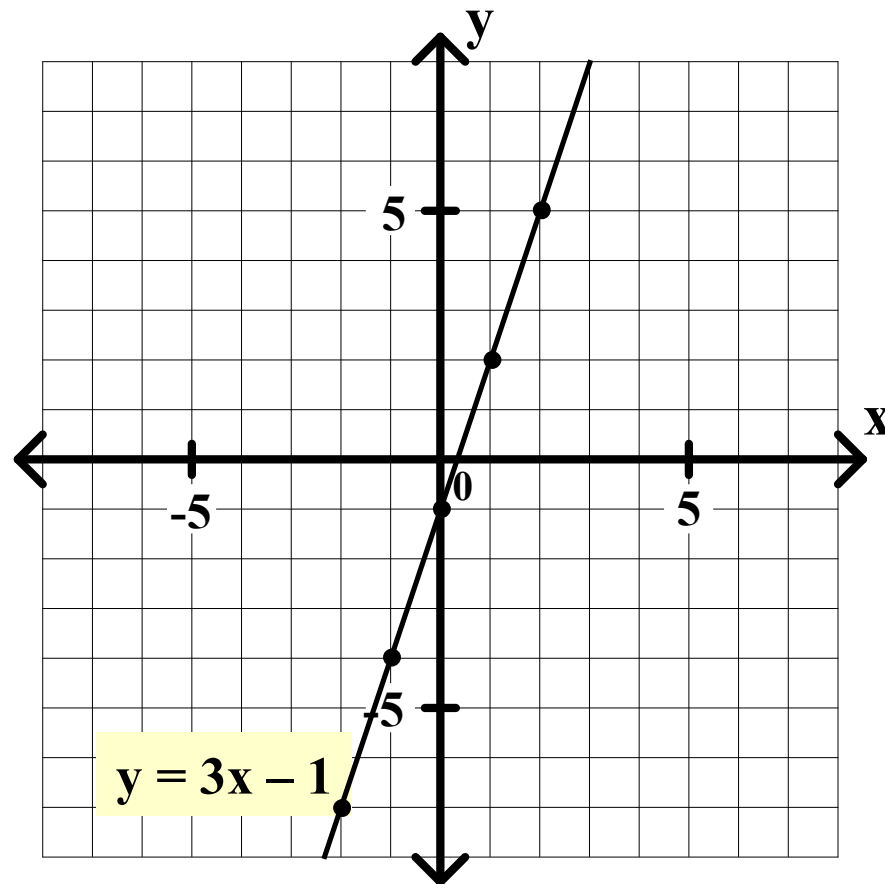
$$\frac{-y}{-1} = \frac{-3x}{-1} + \frac{1}{-1}$$

$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

x	y	
-2		
-1		
0		
1		
2		



**Solve for y first !!**

# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \underline{-3x \quad -3x} \end{array}$$

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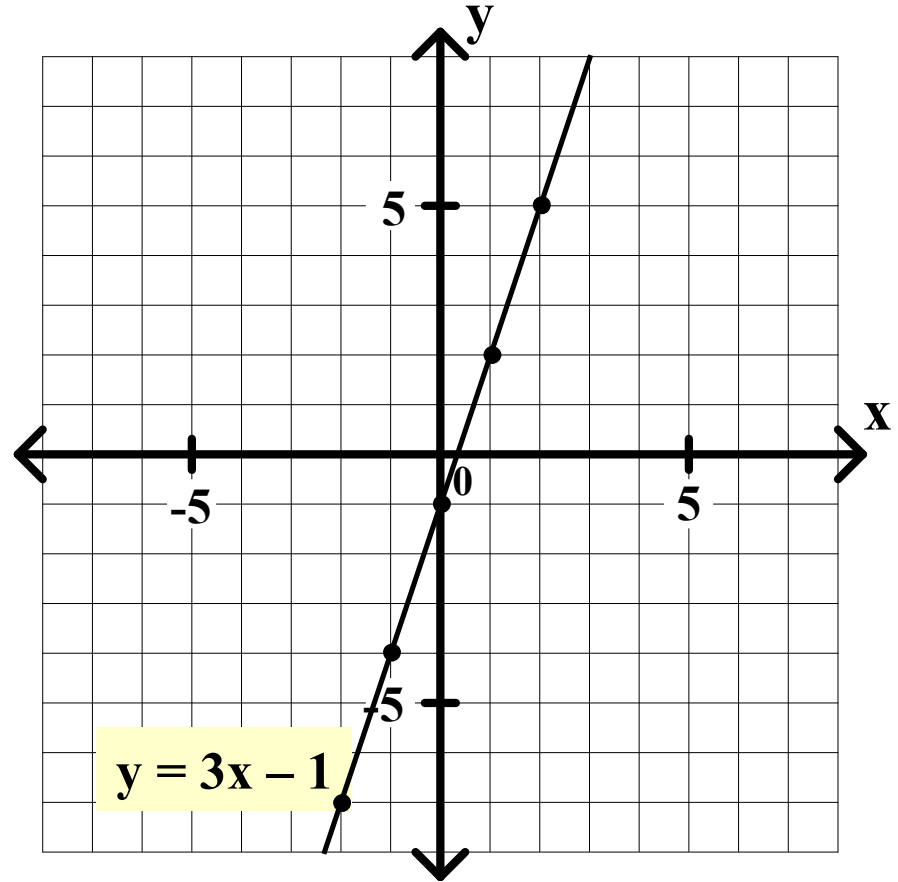
x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

$$-y =$$

x	y
-2	
-1	
0	
1	
2	

**Solve for y first !!**



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \underline{-3x \quad -3x} \end{array}$$

$$\frac{-y = -3x + 1}{-1 \quad -1 \quad -1}$$

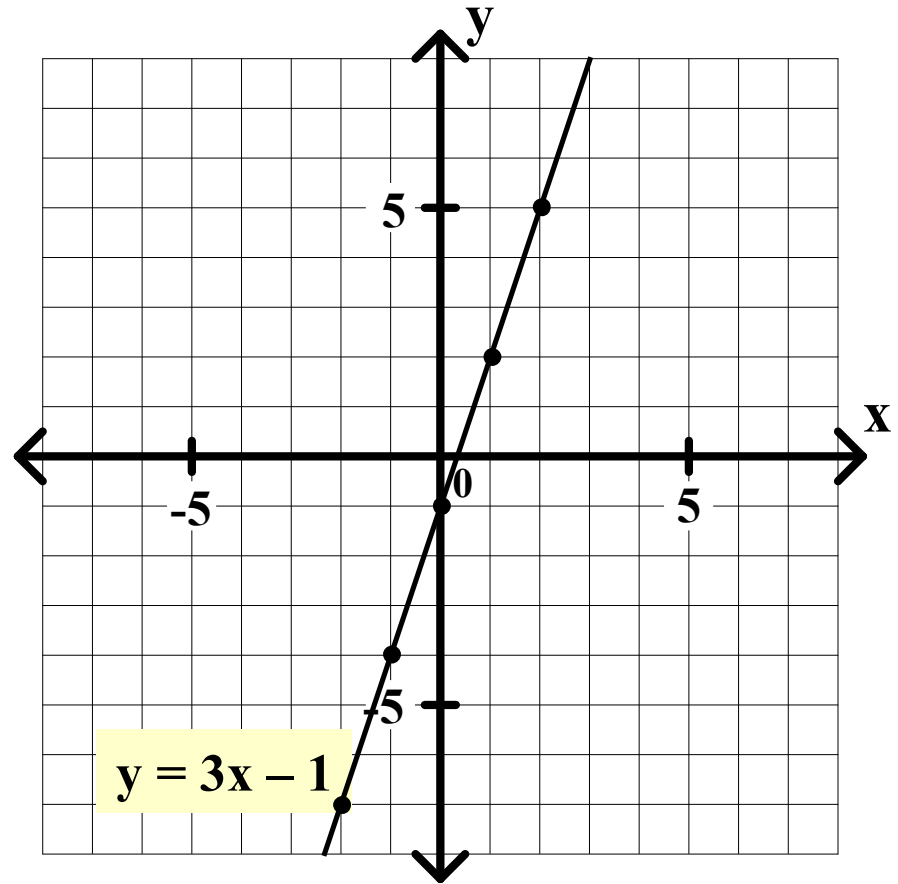
$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

$$-y = 2x$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \underline{-3x \quad -3x} \end{array}$$

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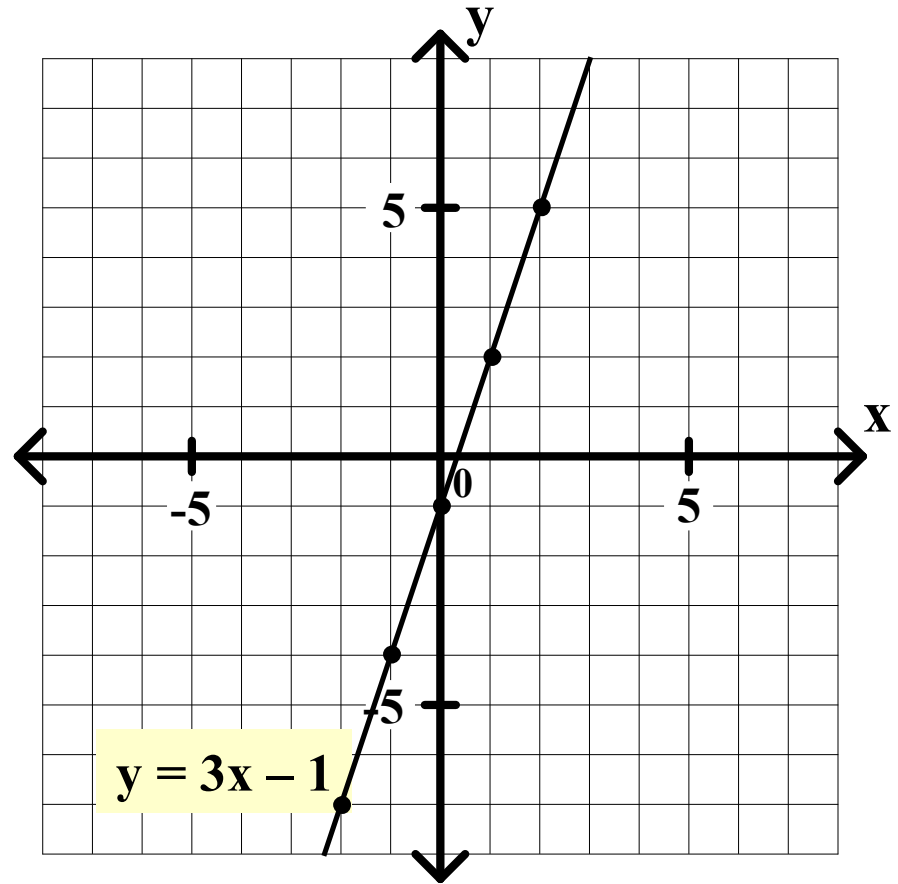
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-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

$$-y = 2x + 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \underline{-3x \quad -3x} \end{array}$$

$$\underline{-y = -3x + 1}$$

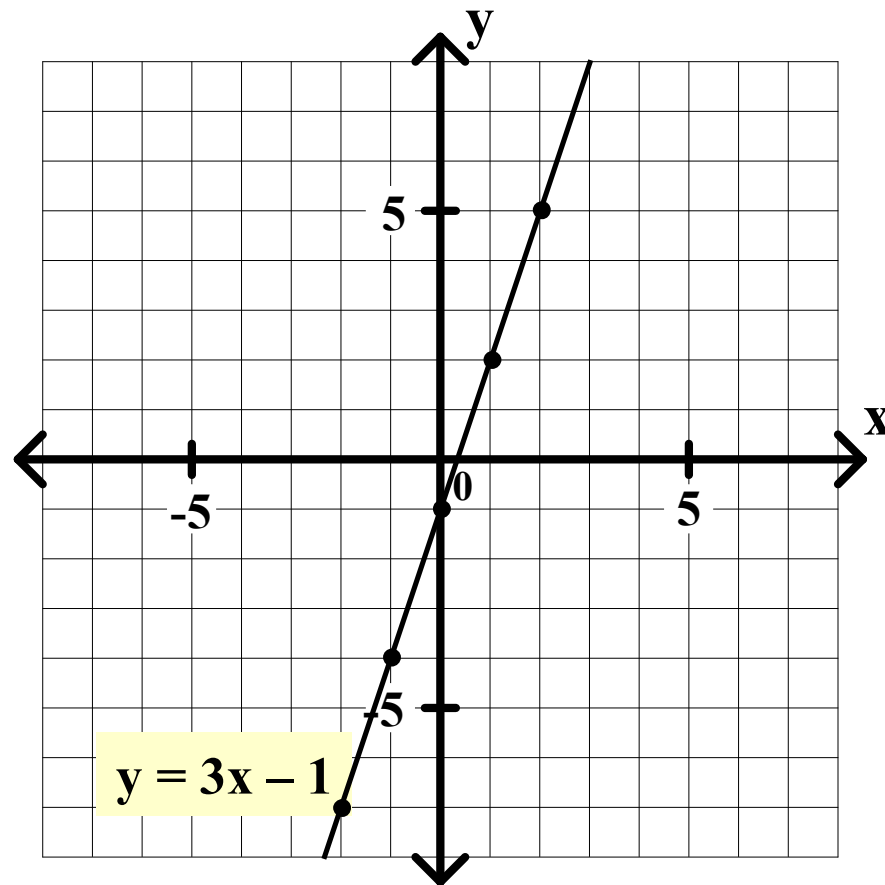
$$y = 3x - 1$$

x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

$$-y = 2x + 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

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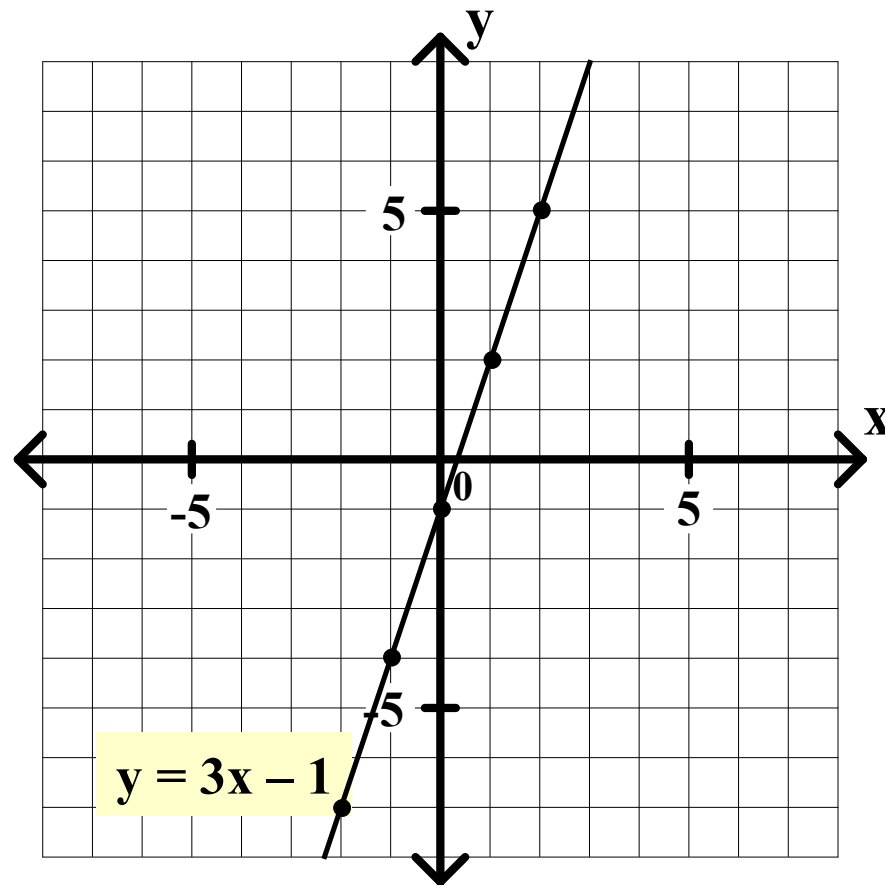
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x	y
-2	
-1	
0	
1	
2	



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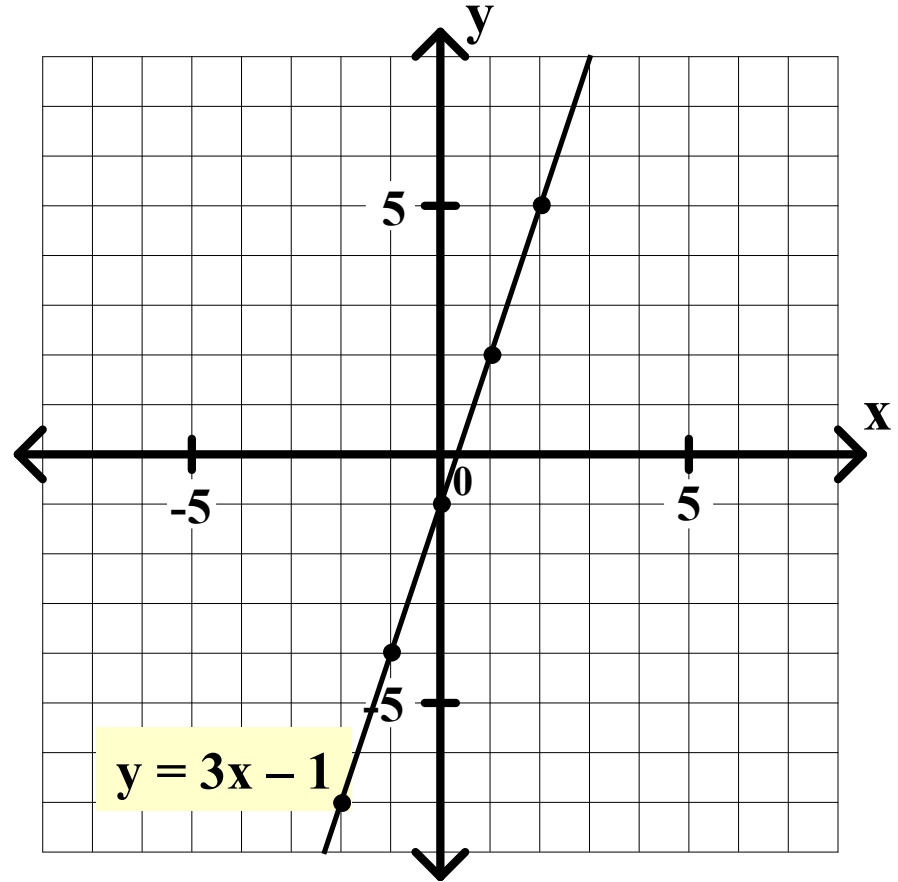
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0	-1	0 - 1
1	2	3 - 1
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$$\frac{-y = 2x + 3}{-1 \quad -1 \quad -1}$$

$$y =$$

x	y
-2	
-1	
0	
1	
2	



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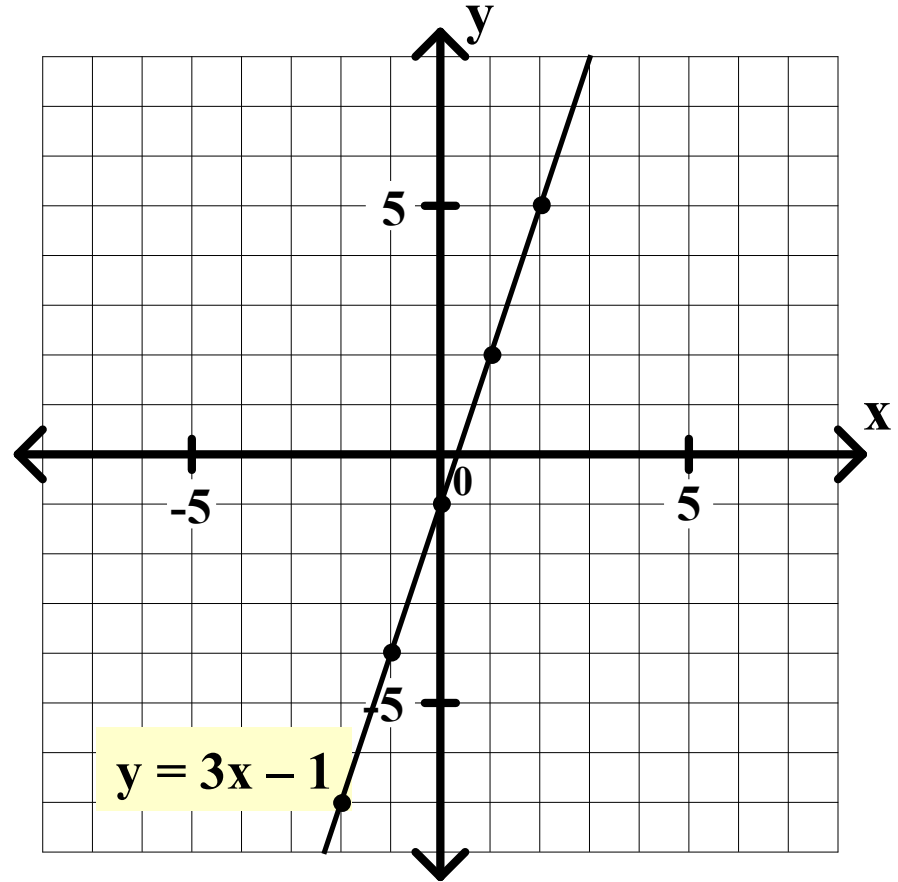
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$$\underline{-y = 2x + 3}$$

$$y = -2x$$

x	y
-2	
-1	
0	
1	
2	



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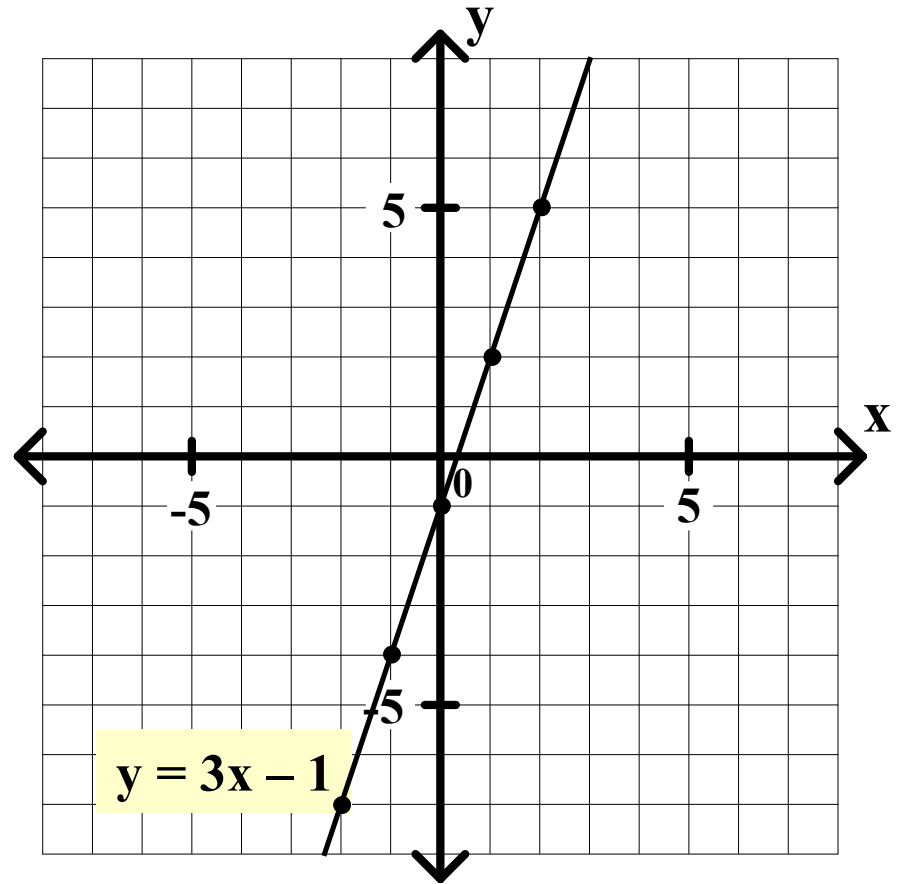
x	y
-2	-7
-1	-4
0	-1
1	2
2	5

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

$$\underline{-y = 2x + 3}$$

$$y = -2x - 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

# Algebra I Graphing Linear Equations

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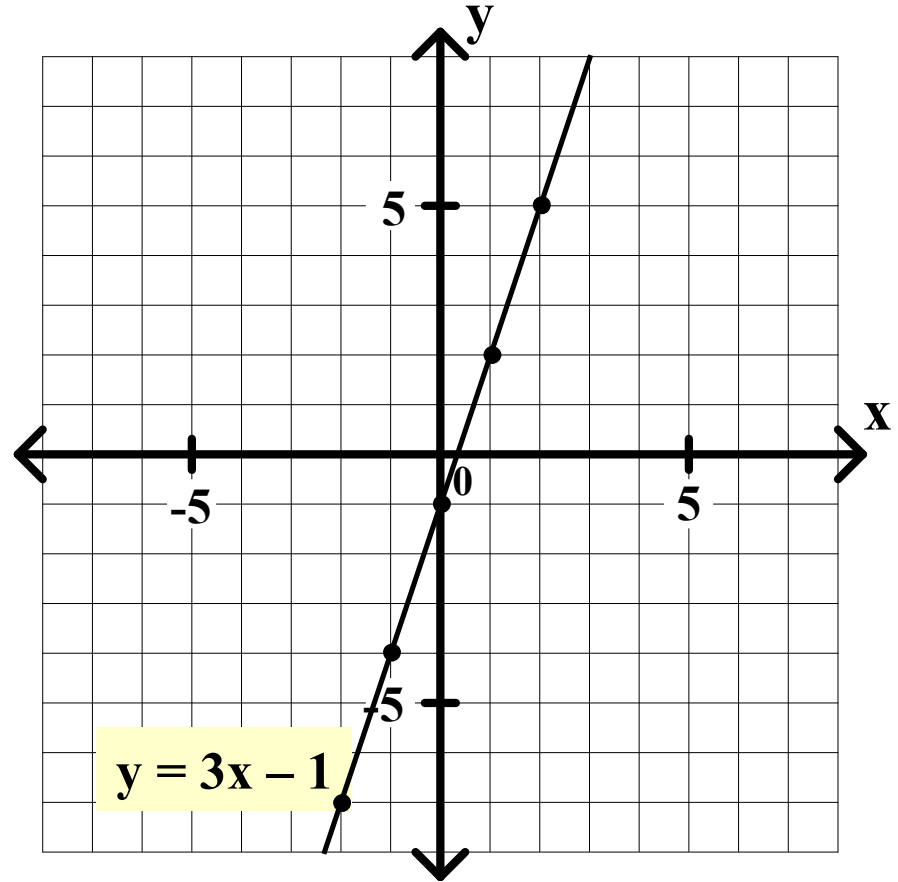
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$$\underline{-y = 2x + 3}$$

$$y = -2x - 3$$

x	y
-2	
-1	
0	
1	
2	



**Solve for y first !!**

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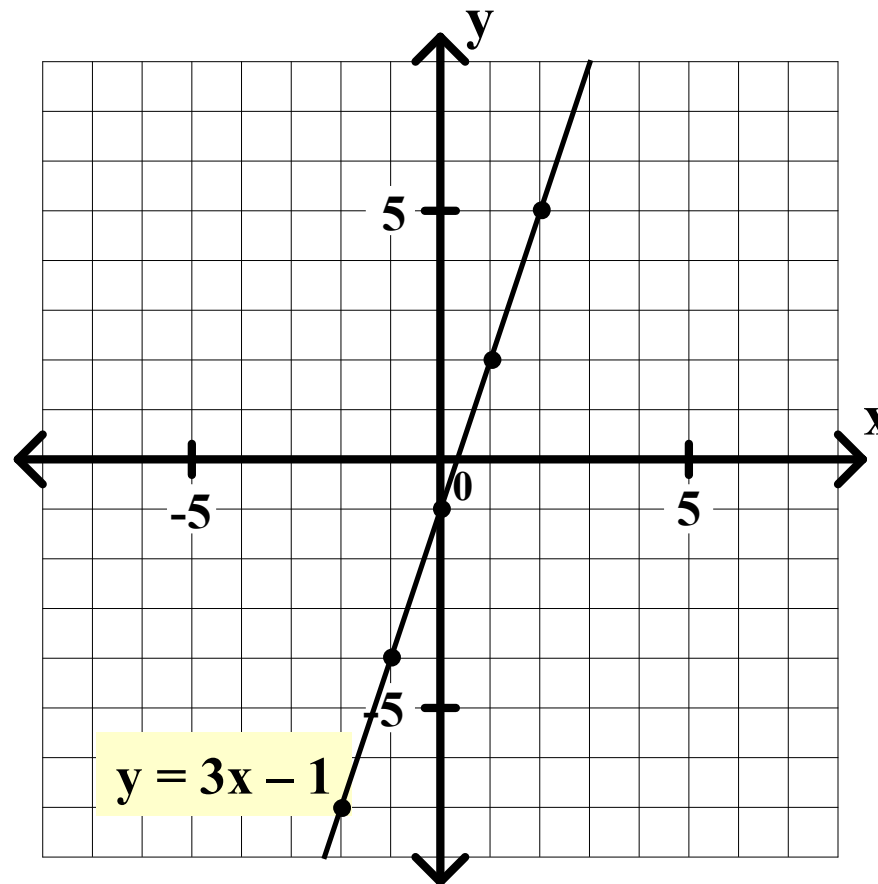
x	y	
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$$y = -2x - 3$$

x	y
-2	
-1	
0	
1	
2	





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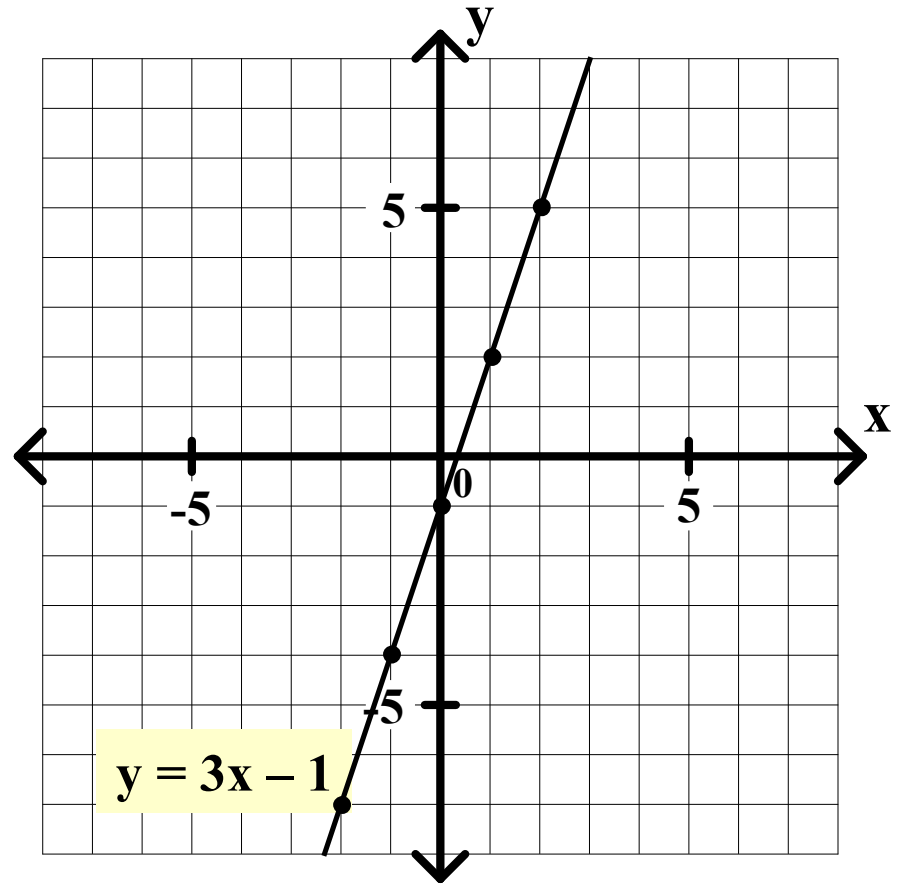
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0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

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

$$y = -2x - 3$$

x	y	
-2		4
-1		
0		
1		
2		



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \underline{-3x \quad -3x} \end{array}$$

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$$y = 3x - 1$$

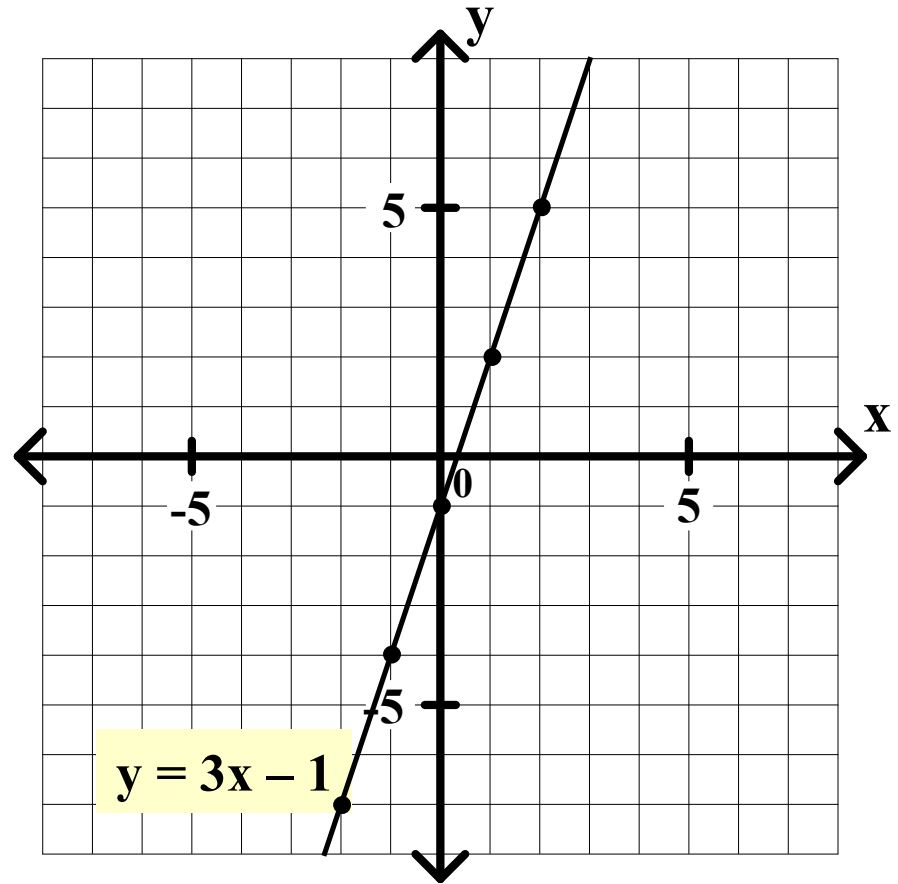
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0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

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

$$y = -2x - 3$$

x	y	
-2		4 - 3
-1		
0		
1		
2		



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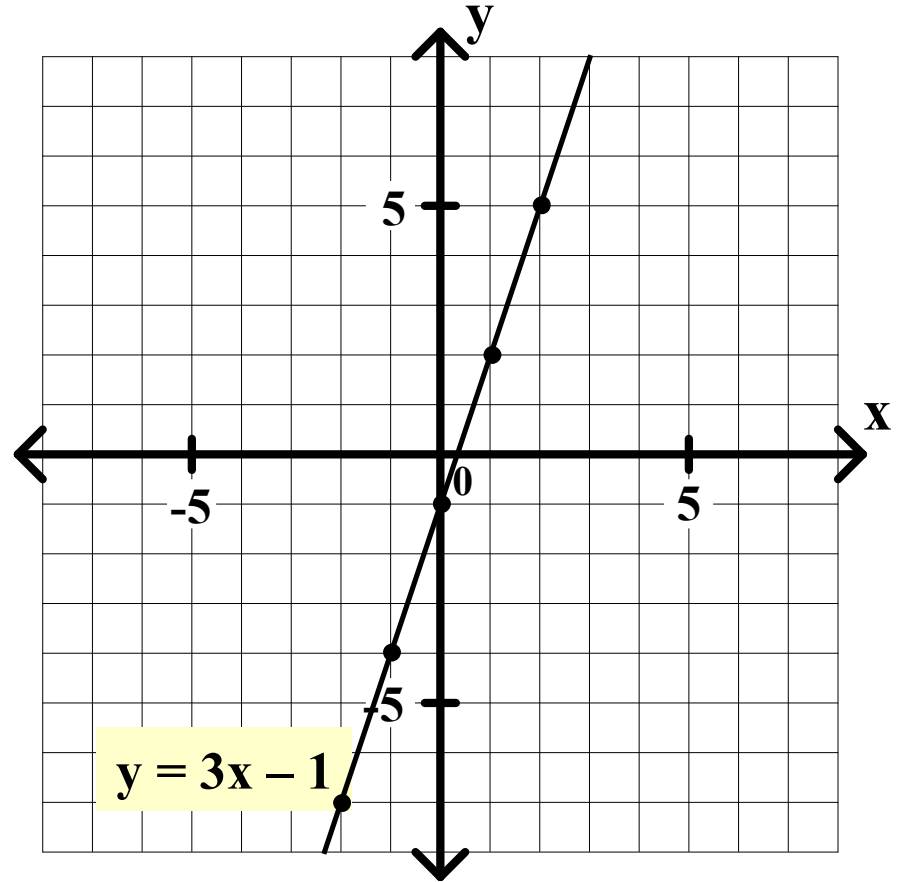
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1	2	3 - 1
2	5	6 - 1

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$$y = -2x - 3$$

x	y	
-2	1	4 - 3
-1		
0		
1		
2		



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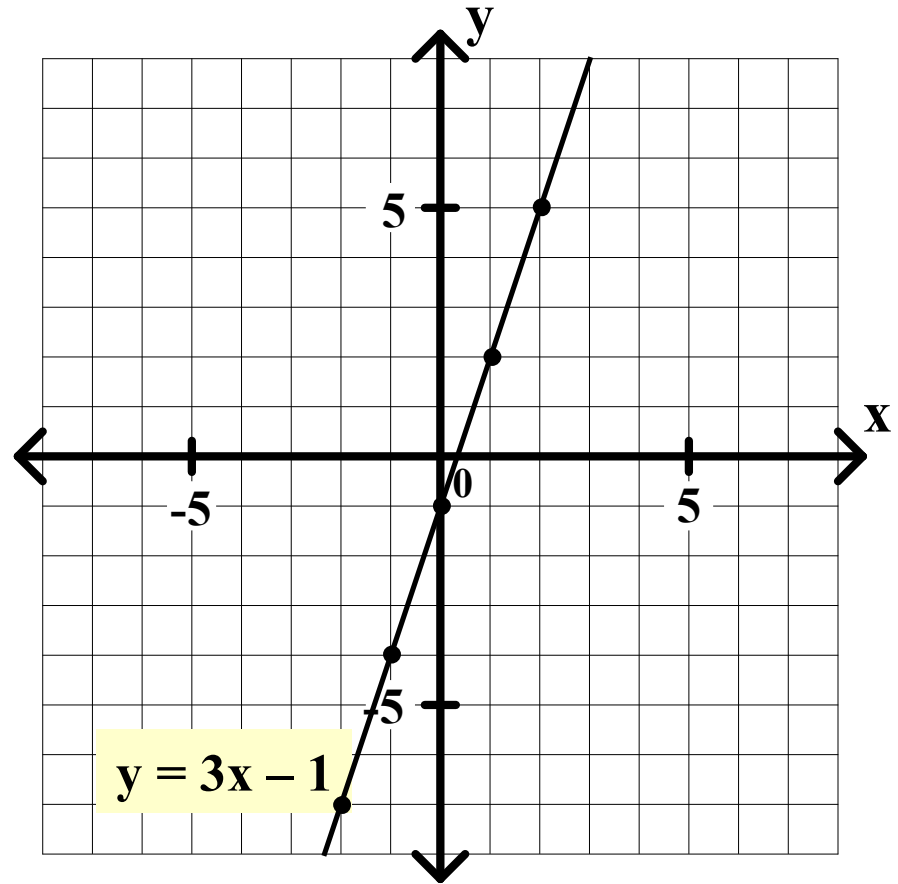
x	y
-2	-7
-1	-4
0	-1
1	2
2	5

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$$\underline{-y = 2x + 3}$$

$$y = -2x - 3$$

x	y
-2	1
-1	
0	
1	
2	



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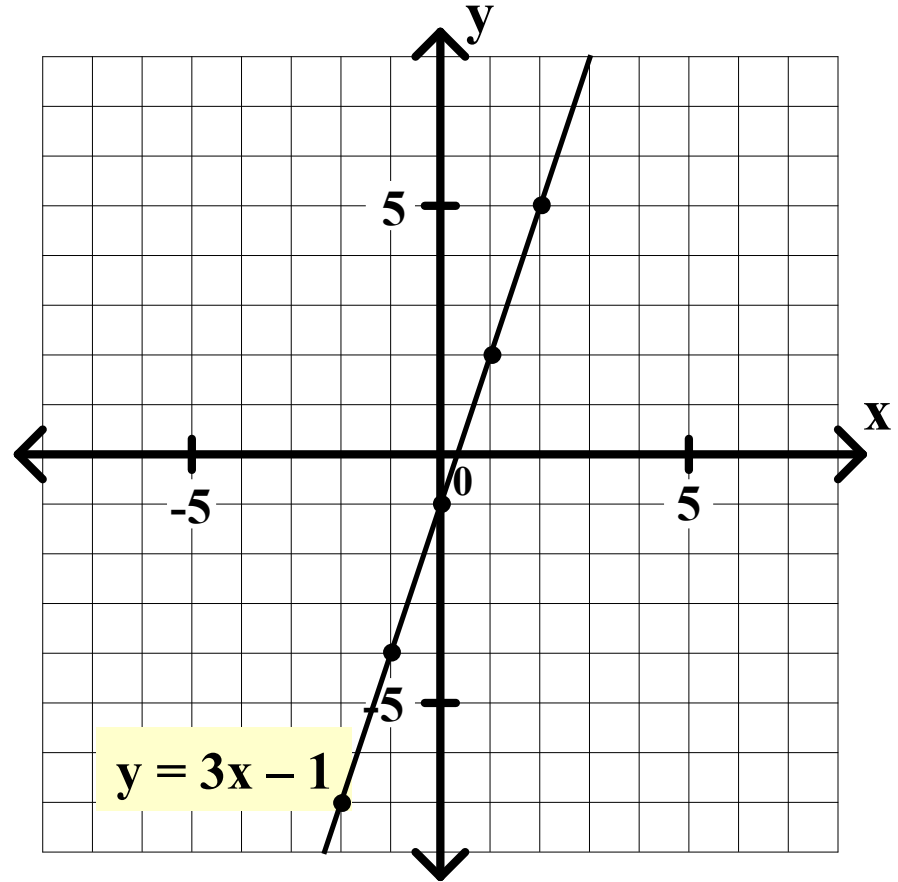
x	y
-2	-7
-1	-4
0	-1
1	2
2	5

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

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

$$y = -2x - 3$$

x	y
-2	1
-1	
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad -3x \quad -3x \\ \hline \end{array}$$

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

$$y = 3x - 1$$

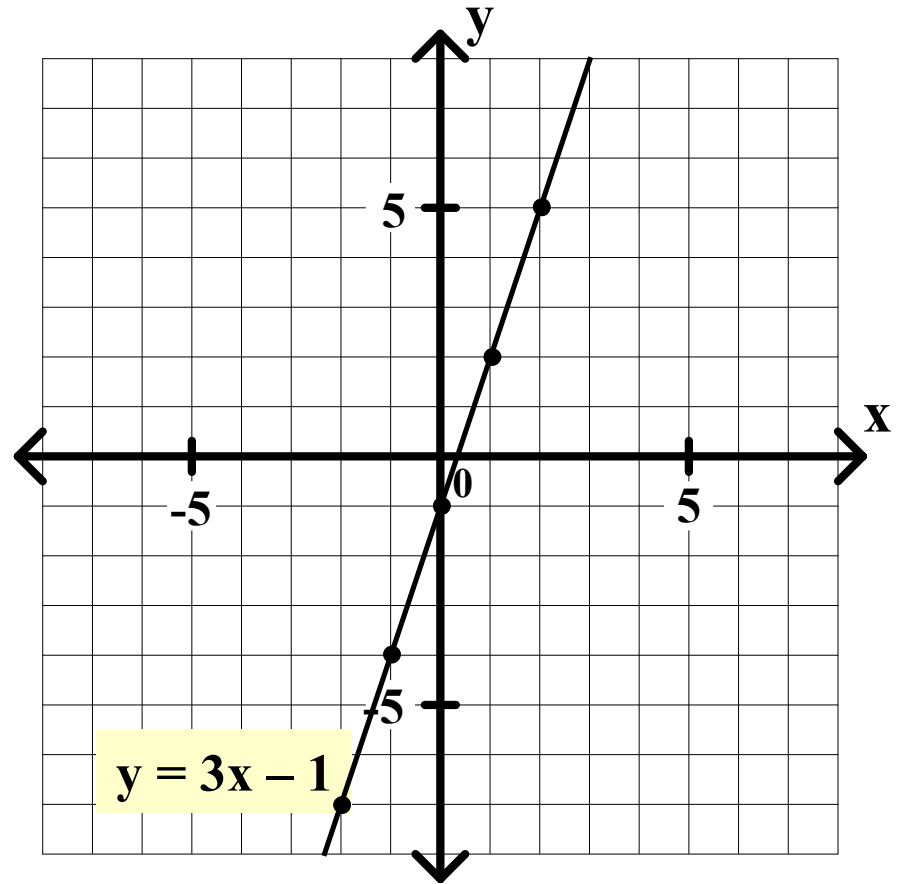
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-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
1	2	3 - 1
2	5	6 - 1

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \quad +2x \quad +2x \\ \hline \end{array}$$

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

$$y = -2x - 3$$

x	y	
-2	1	4 - 3
-1	-1	2 - 3
0		
1		
2		



# Algebra I Graphing Linear Equations

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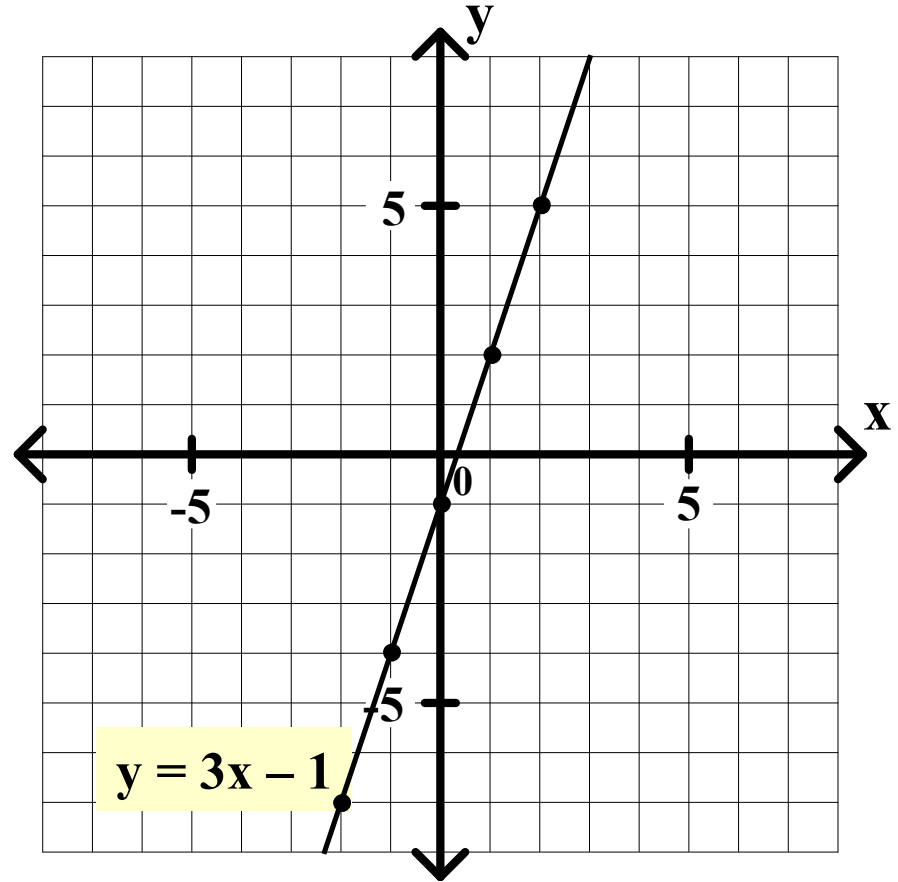
x	y
-2	-7
-1	-4
0	-1
1	2
2	5

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

$$\underline{-y = 2x + 3}$$

$$y = -2x - 3$$

x	y
-2	1
-1	-1
0	
1	
2	



# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

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$$y = 3x - 1$$

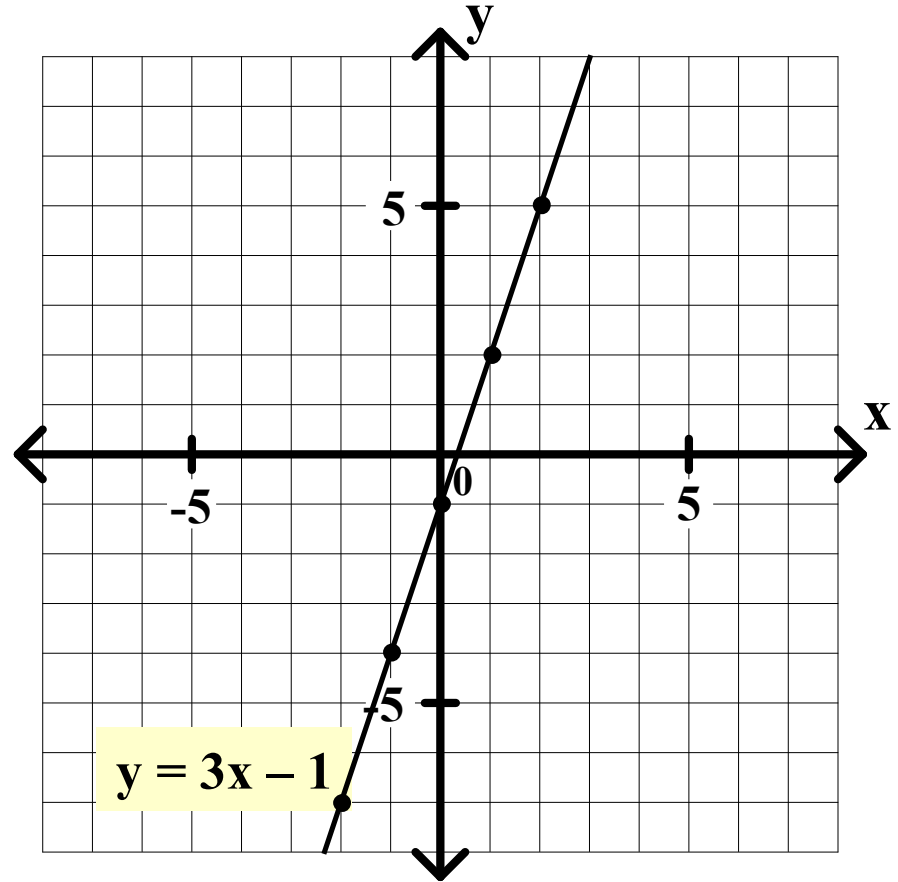
x	y
-2	-7
-1	-4
0	-1
1	2
2	5

$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

$$\underline{-y = 2x + 3}$$

$$y = -2x - 3$$

x	y
-2	1
-1	-1
0	
1	
2	





# Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \quad -3x \quad -3x \\ \hline \end{array}$$

$$\begin{array}{r} -y = -3x + 1 \\ -1 \quad -1 \quad -1 \end{array}$$

$$y = 3x - 1$$

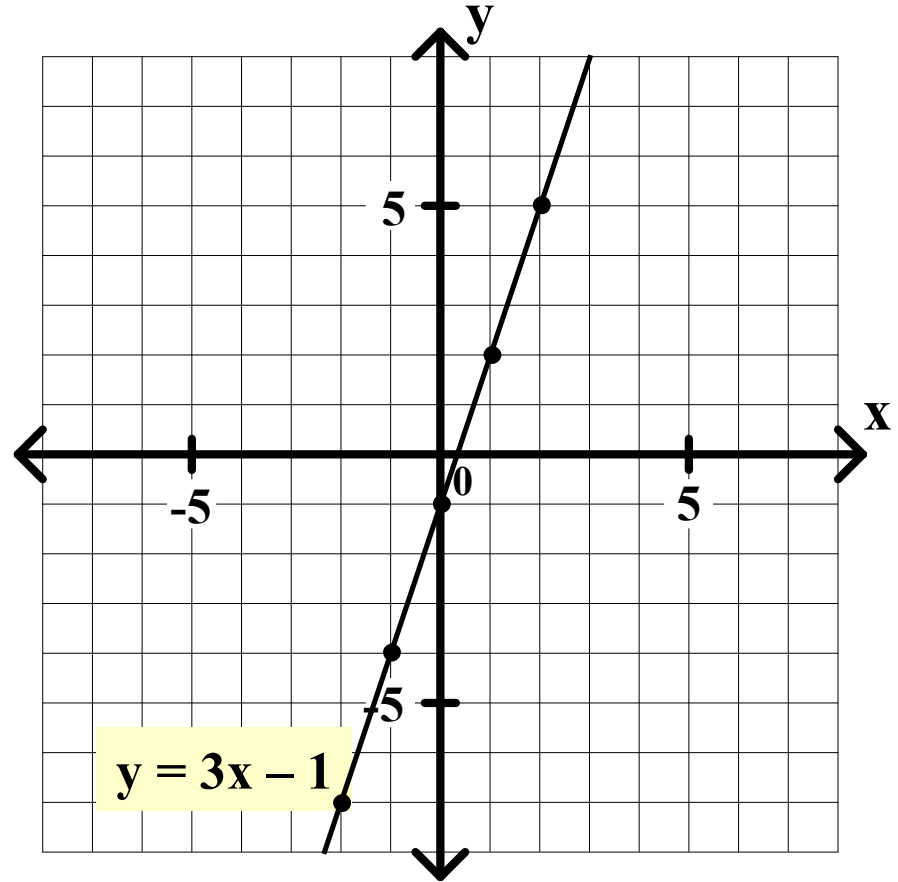
x	y	
-2	-7	-6 - 1
-1	-4	-3 - 1
0	-1	0 - 1
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$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \quad +2x \quad +2x \\ \hline \end{array}$$

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x	y	
-2	1	4 - 3
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1		
2		



## Algebra I Graphing Linear Equations

Fill out the x-y tables and graph the equations.

$$\begin{array}{r} 10. \quad 3x - y = 1 \\ \underline{-3x \quad -3x} \end{array}$$

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

$$y = 3x - 1$$

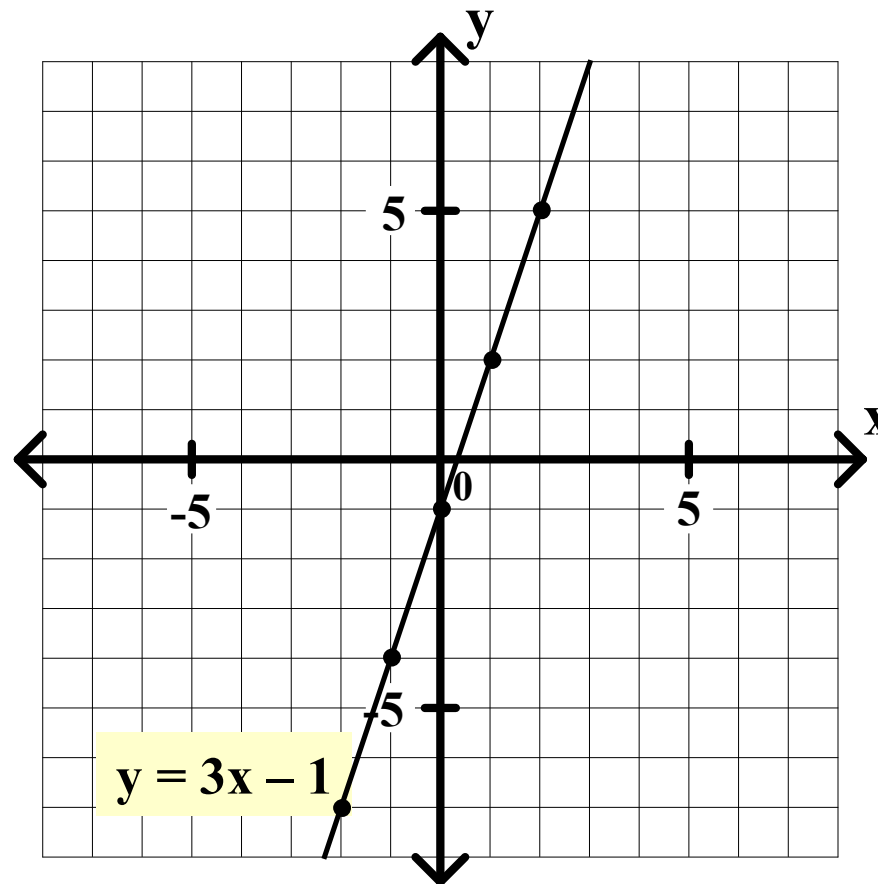
x	y	
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$$\begin{array}{r} 11. \quad -2x - y = 3 \\ \underline{+2x \quad +2x} \end{array}$$

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

$$y = -2x - 3$$

x	y	
-2	1	4 - 3
-1	-1	2 - 3
0	-3	0 - 3
1		-2
2		



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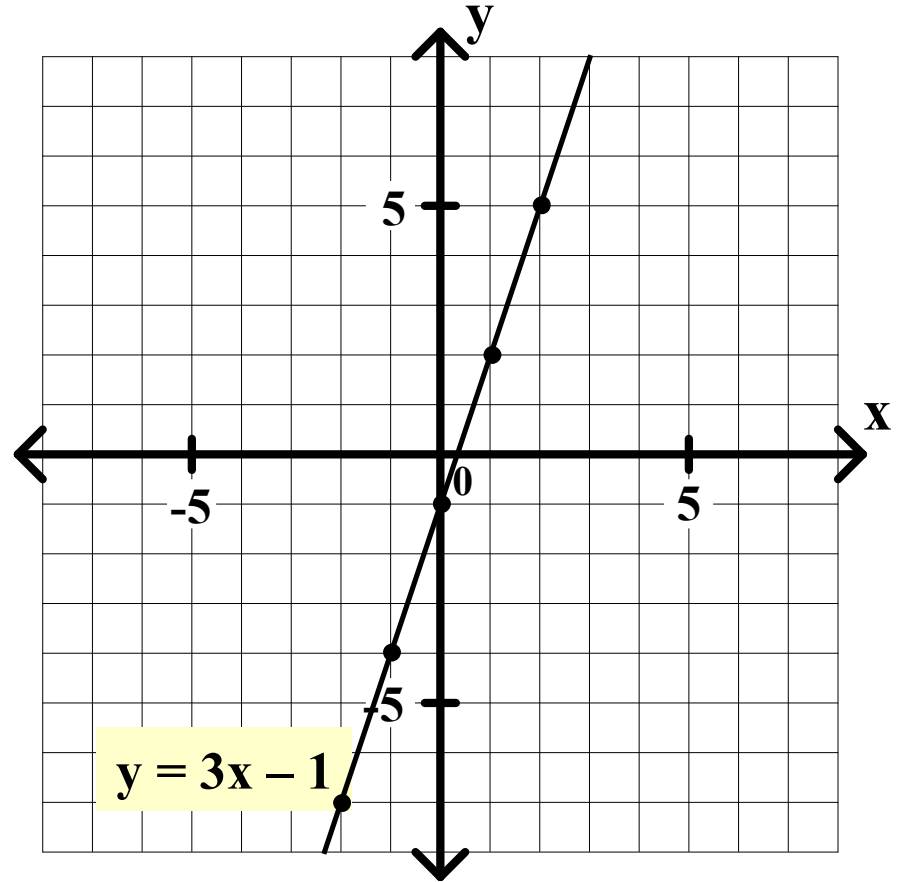
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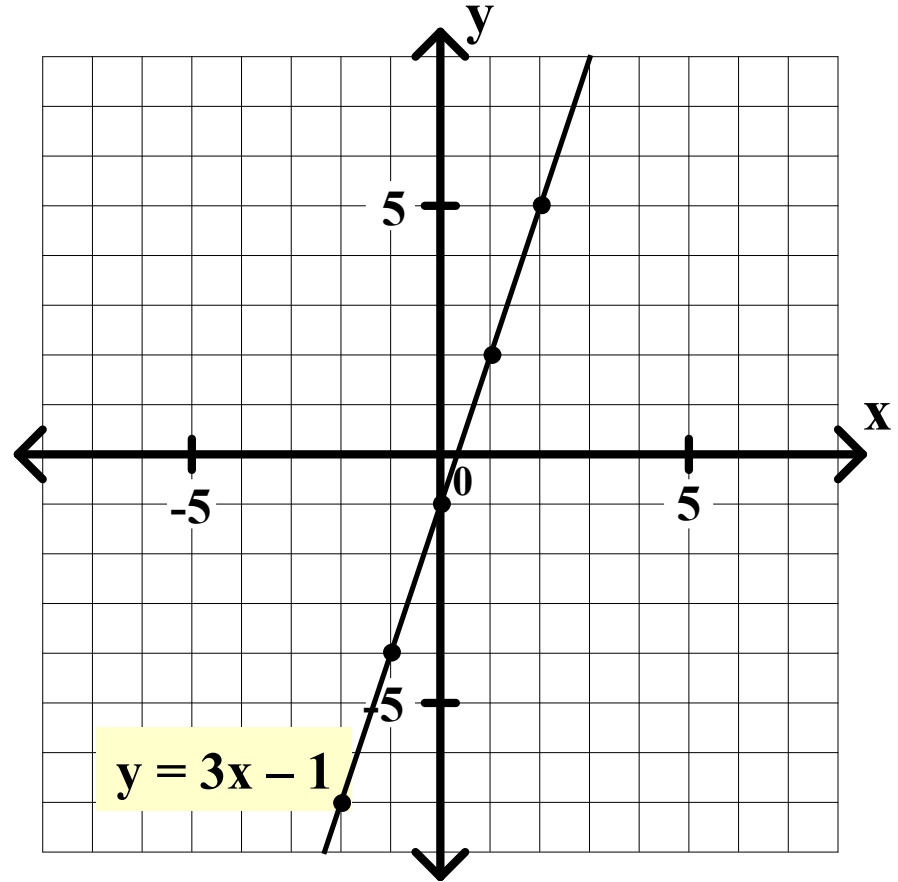
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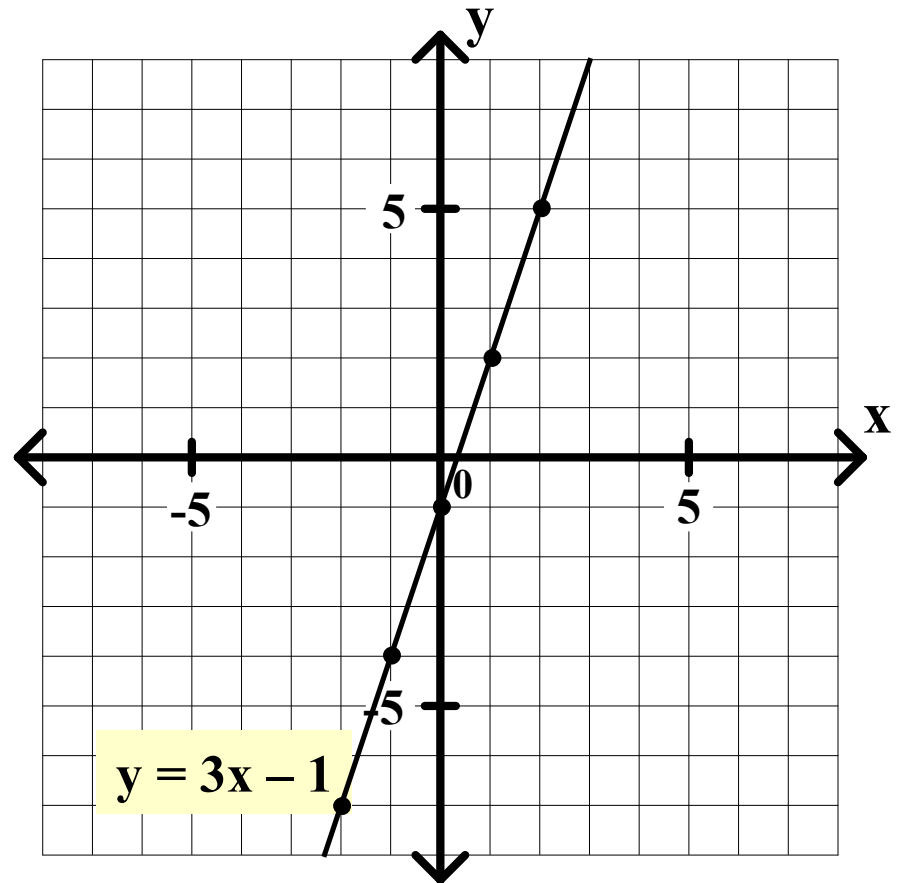
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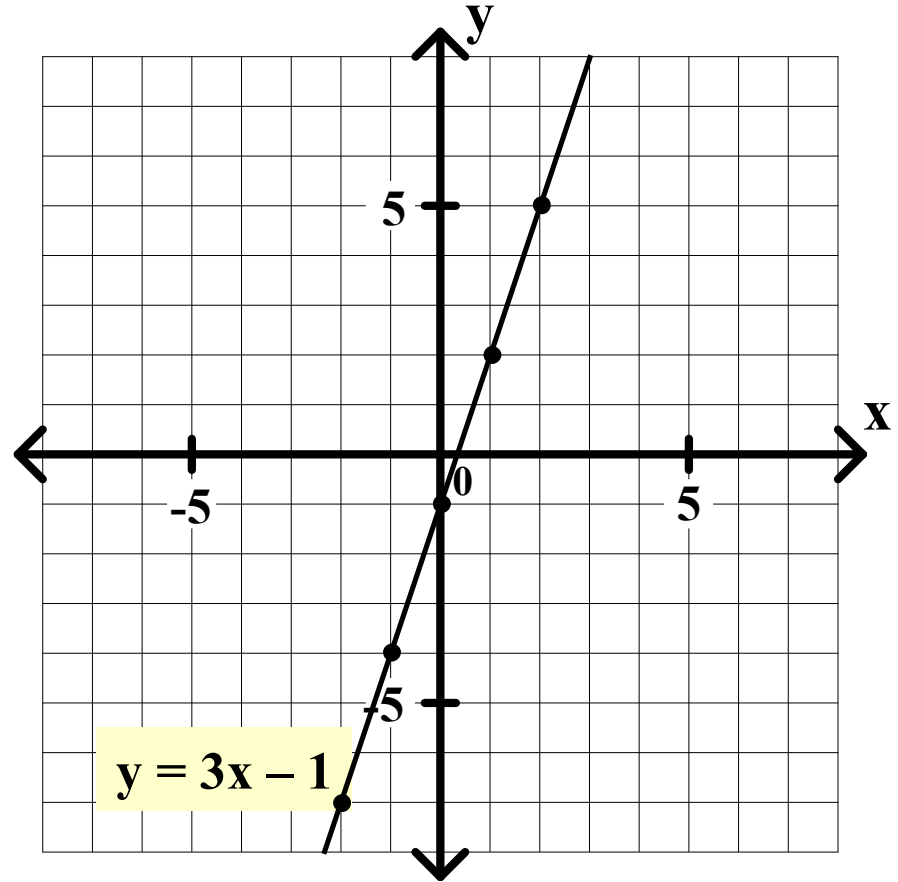
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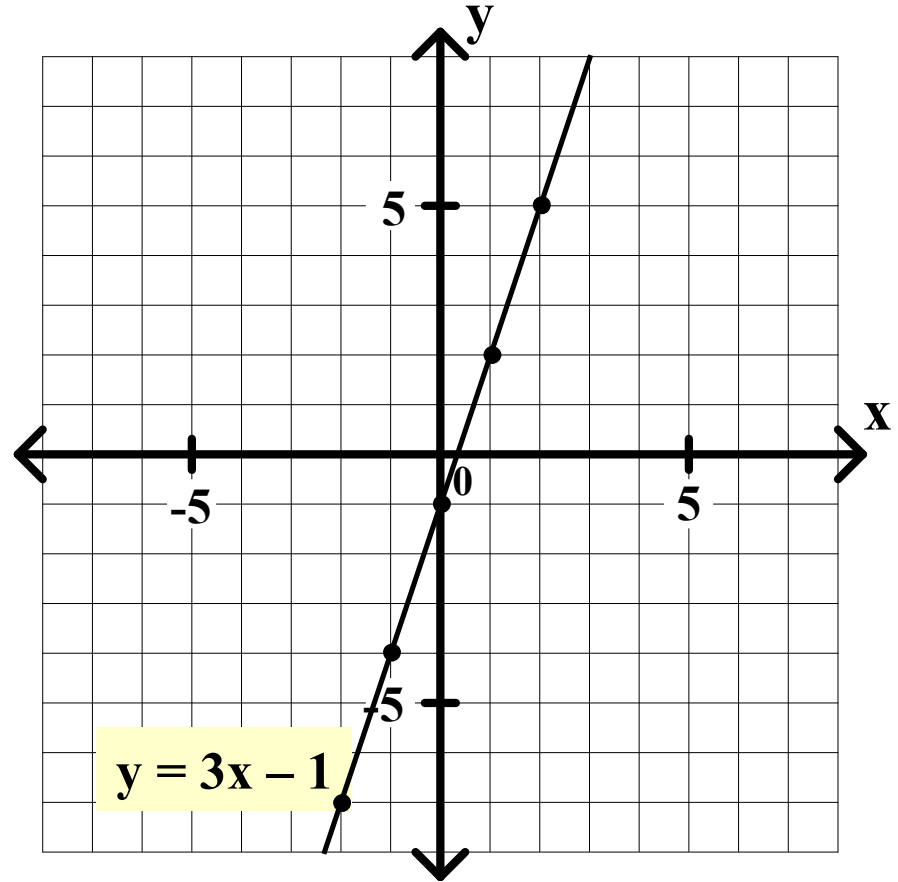
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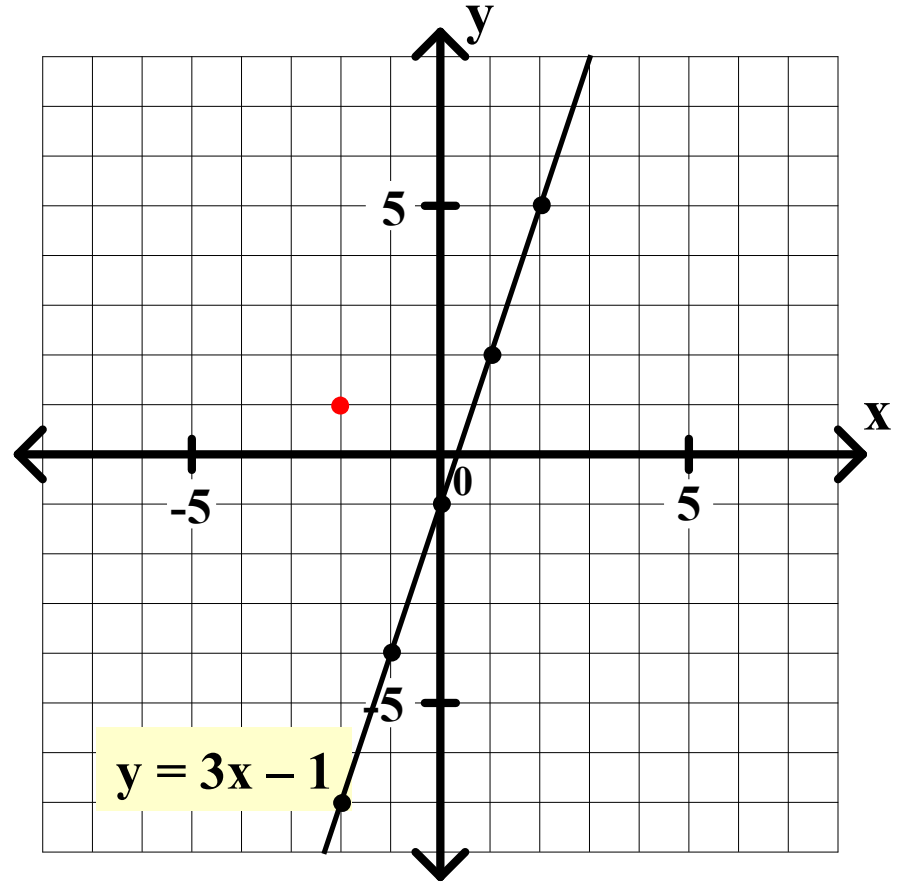
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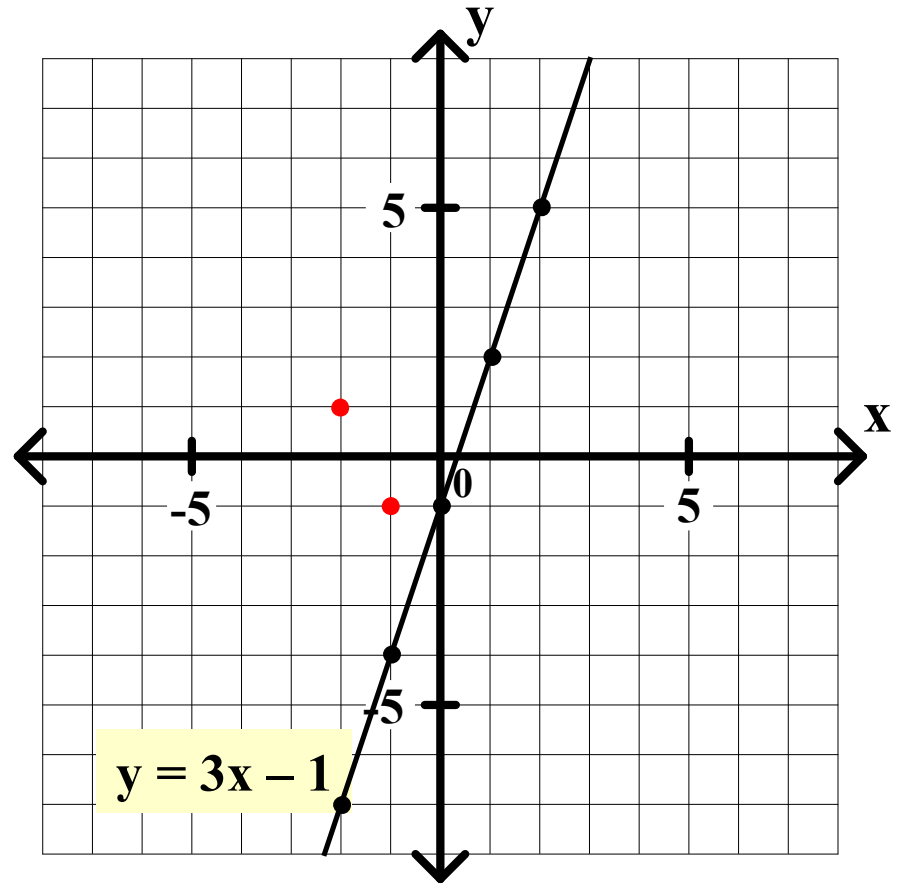
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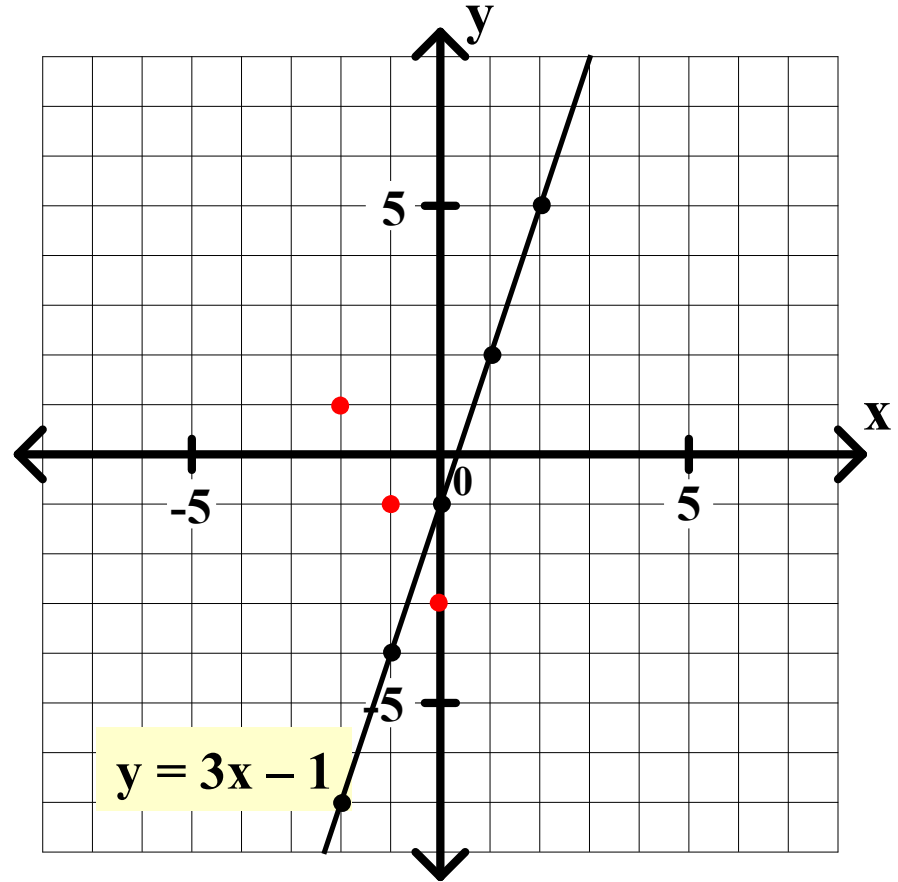
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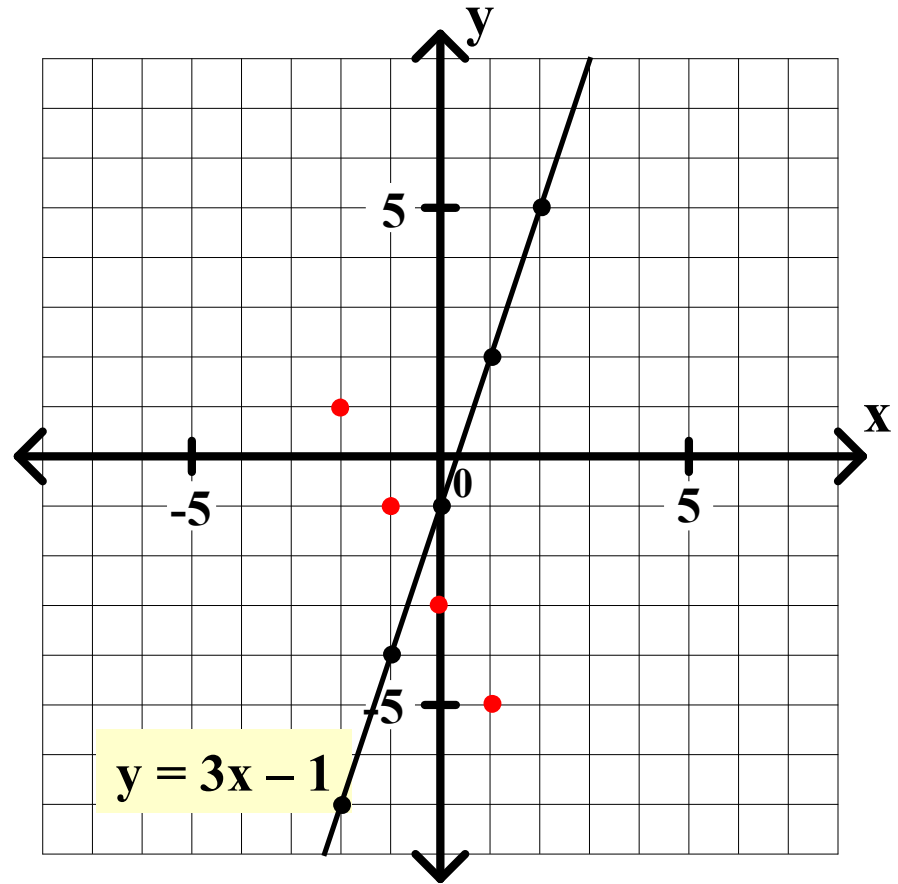
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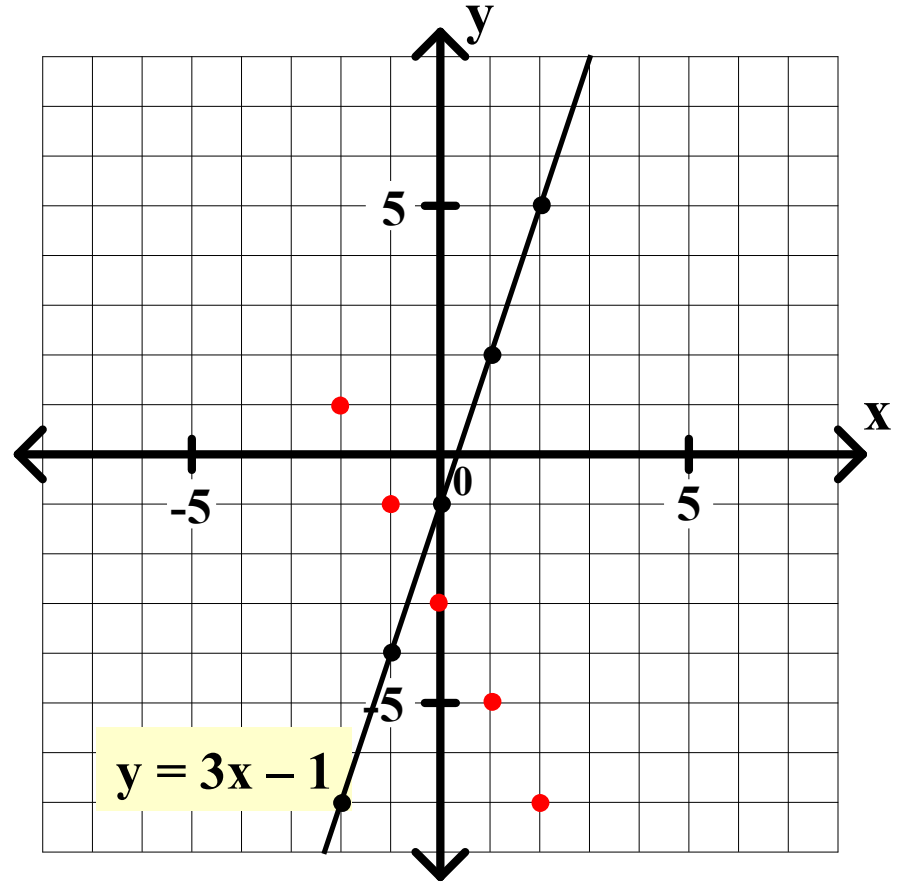
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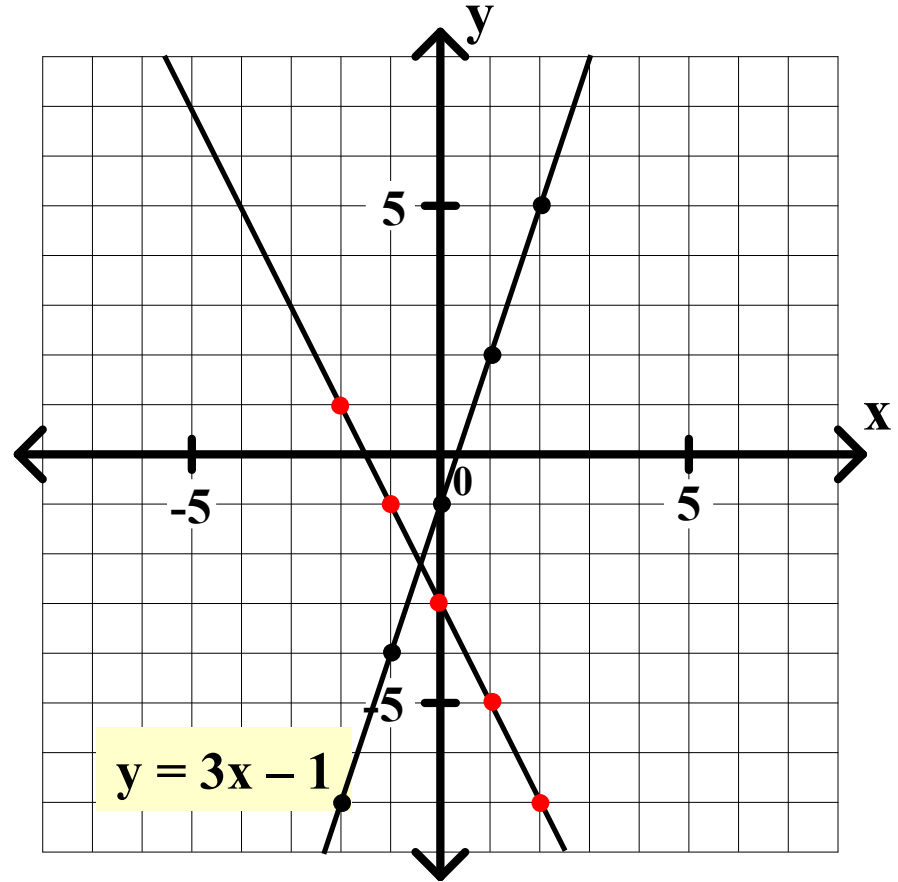
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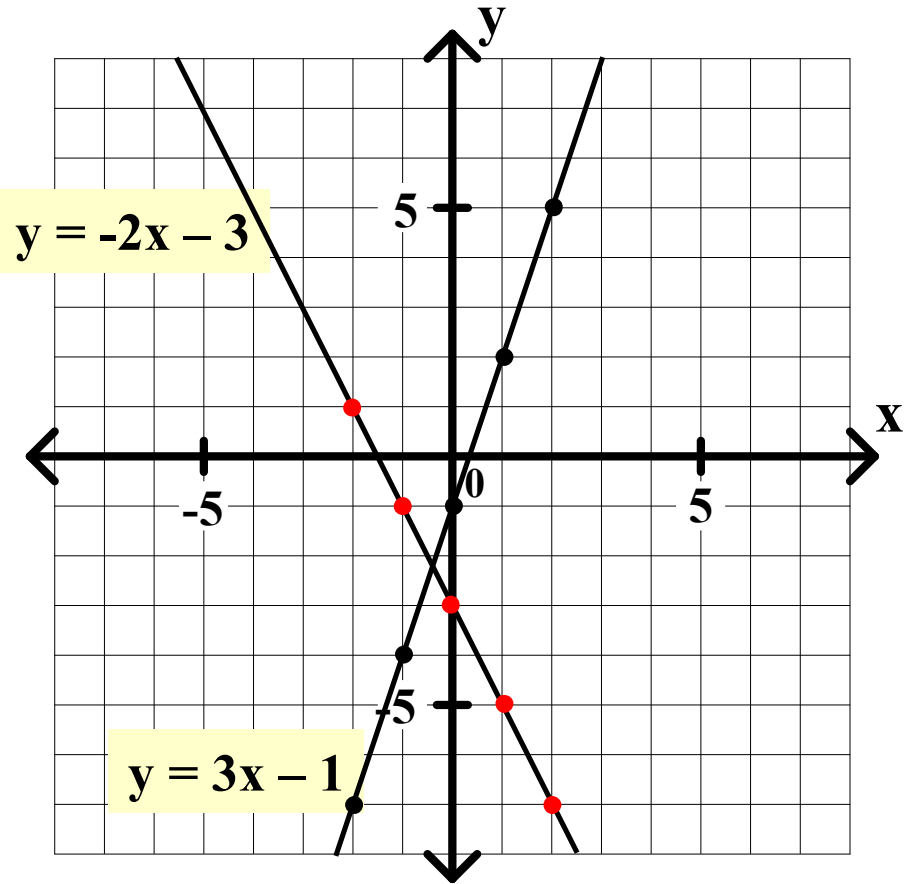
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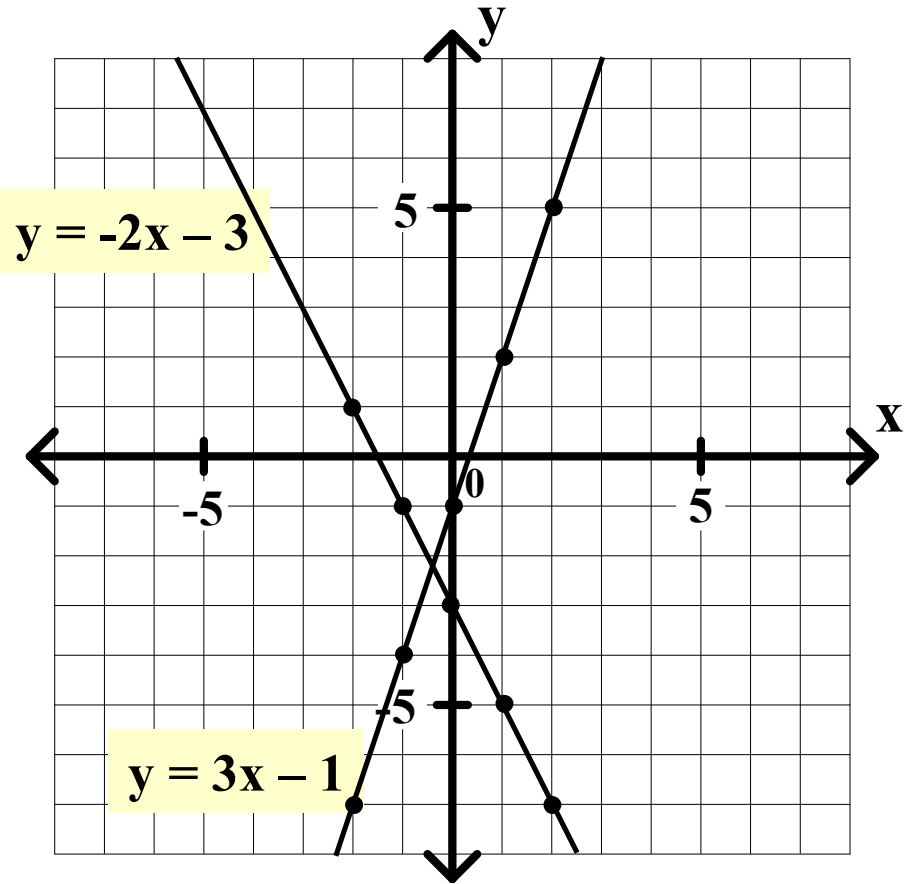
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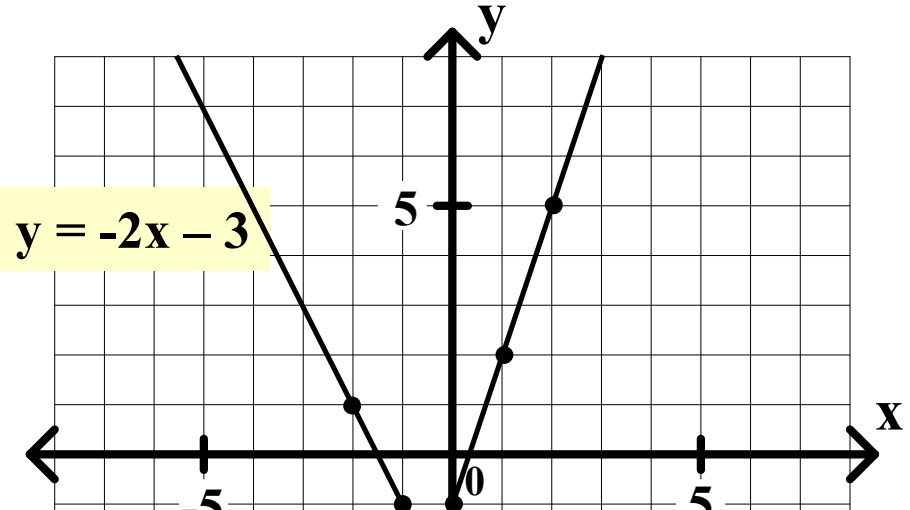
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0	3
1	0
2	-3



**Good luck on your homework !!**

1	2	3 - 1
2	5	6 - 1

1	-5	-2 - 3
2	-7	-4 - 3

