

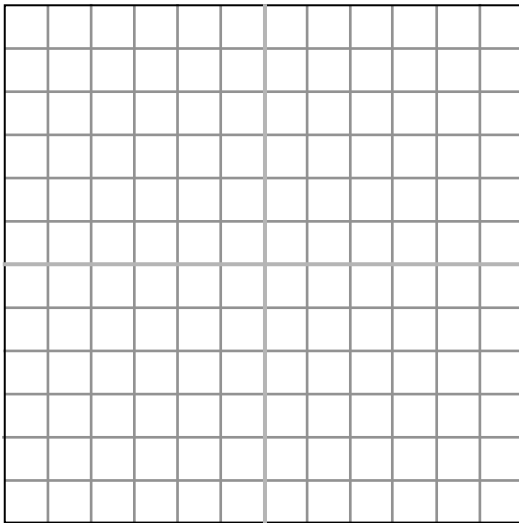
### 3.1 Review of Graphing Lines

Name \_\_\_\_\_

Solve for  $y$ , then complete a table of values and use them to graph the following equations.

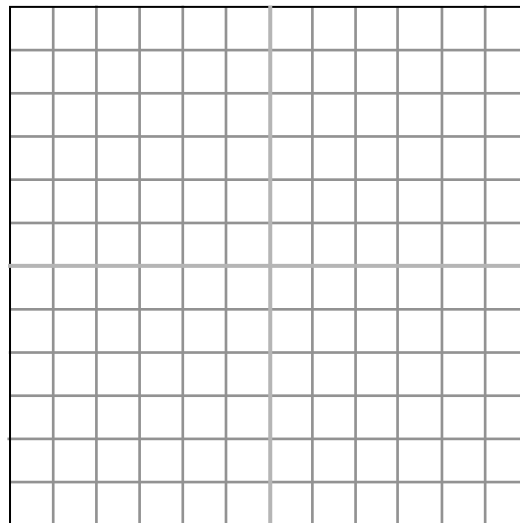
**1.**  $6x - 2y = 6$

$x$	$y$

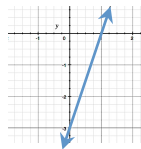


**2.**  $6x + 2y = 6$

$x$	$y$



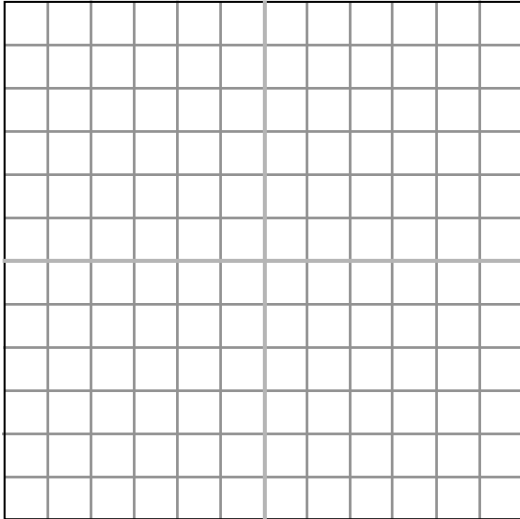
Answer: **1.**



Find the  $x$ -intercept and the  $y$ -intercept and use them to graph each equation.

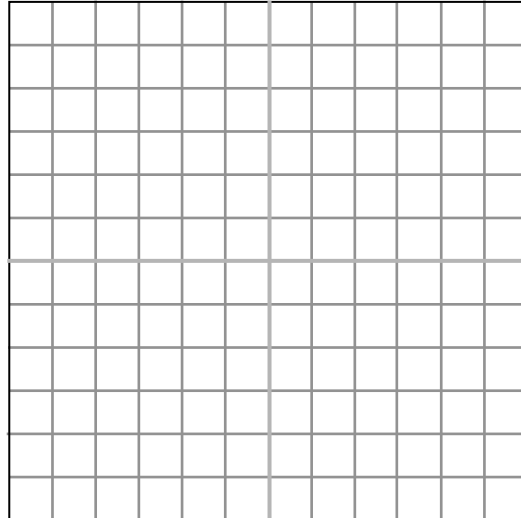
3.  $3x + 4y = 12$

	$x$	$y$
$x$ -intercept		0
$y$ -intercept	0	



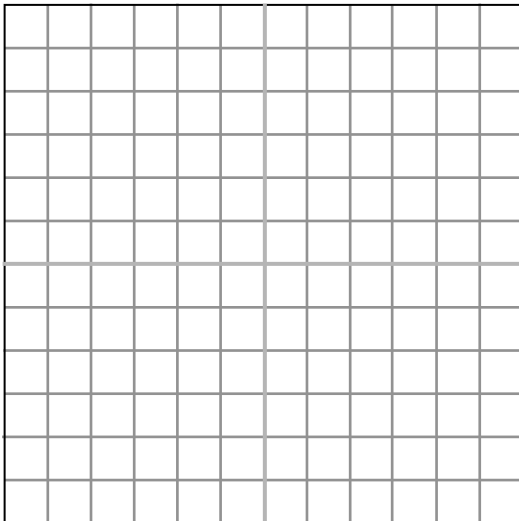
4.  $5x - y = 10$

	$x$	$y$
$x$ -intercept		0
$y$ -intercept	0	



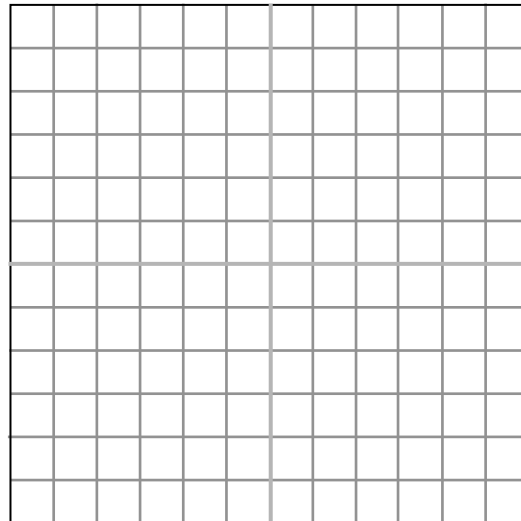
5.  $-2x + 4y = 8$

	$x$	$y$
$x$ -intercept		0
$y$ -intercept	0	

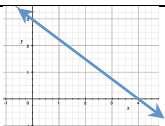


6.  $-4x + 10y = 20$

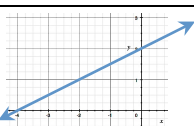
	$x$	$y$
$x$ -intercept		0
$y$ -intercept	0	



Answers: 3.



5.

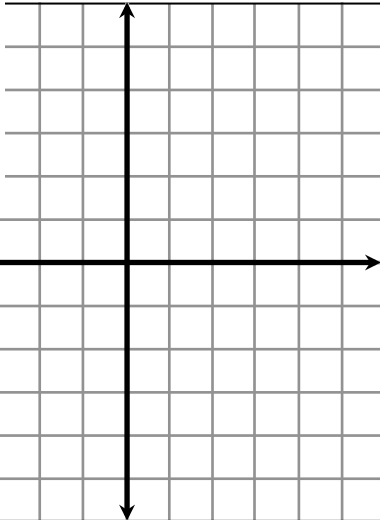


Complete a table of values for each equation and graph the equations.

7.

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

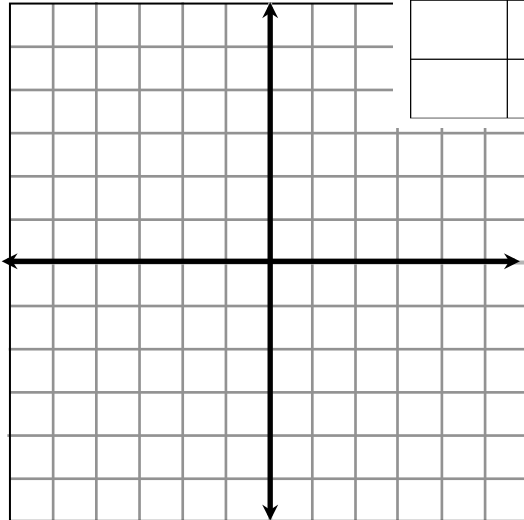
x	y



8.

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

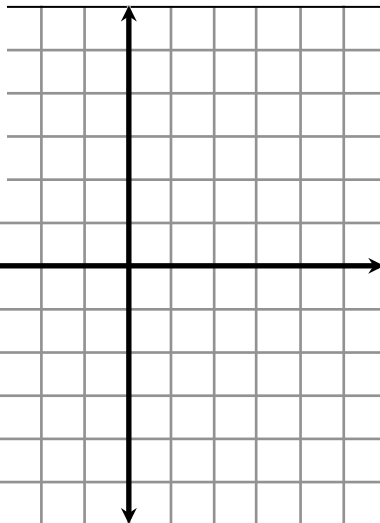
x	y



9.

$$y = 3x$$

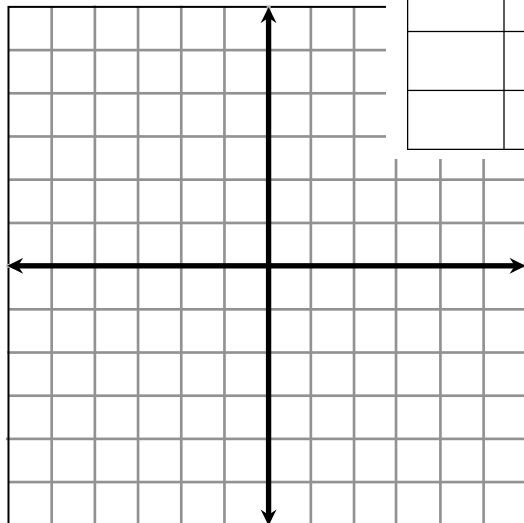
x	y



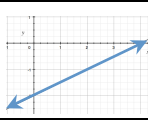
10.

$$y = -\frac{3}{4}x$$

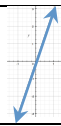
x	y



Answers: 7.

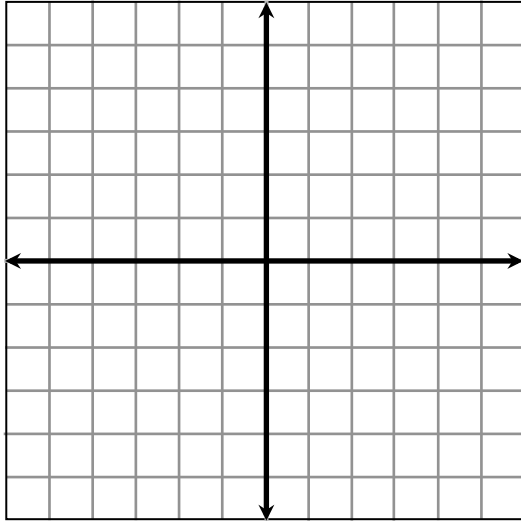


; 9.

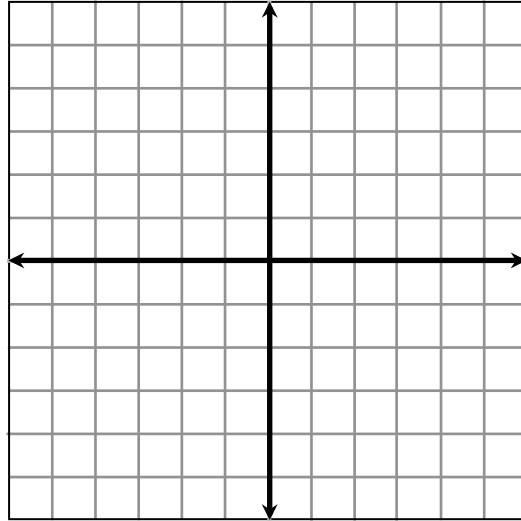


Graph by any method.

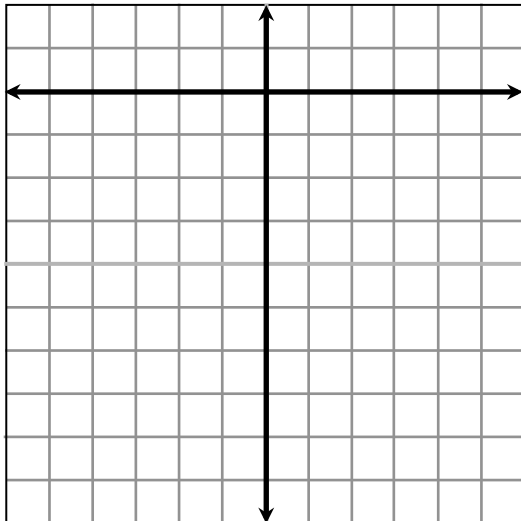
11.  $y = -2$



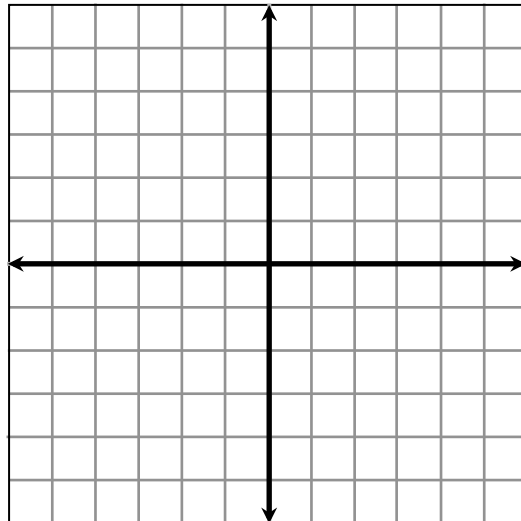
12.  $x = 1$



13.  $2x - y = 5$



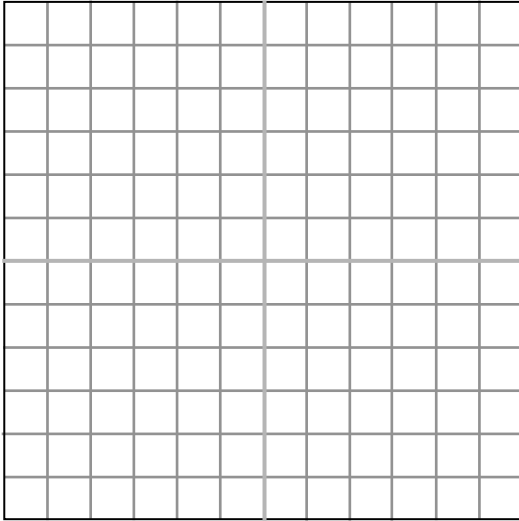
14.  $x + 2y = 4$



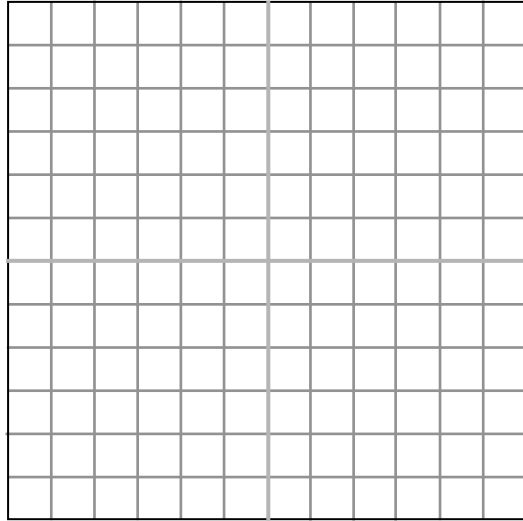
Answers: 11.  ; 13. 

Graph by any method.

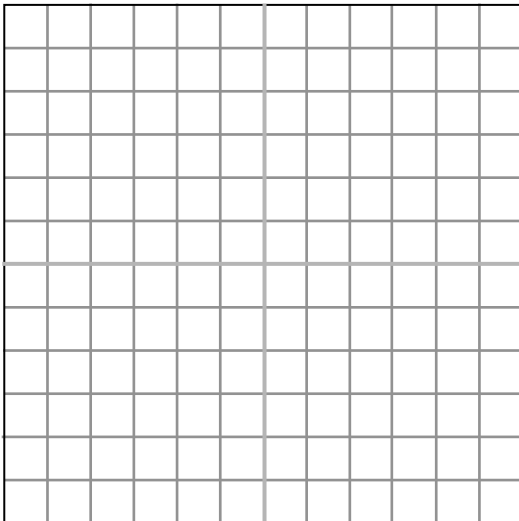
15.  $x = y$



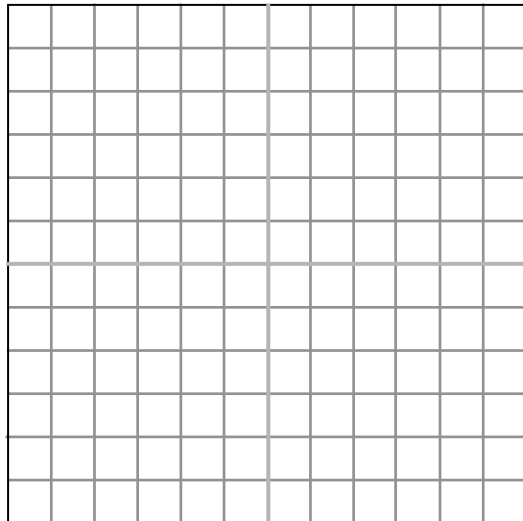
16.  $x + 1 = y$

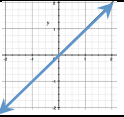


17.  $y = -\frac{1}{3}x + 1$



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



Answers: 15.  ; 17. 