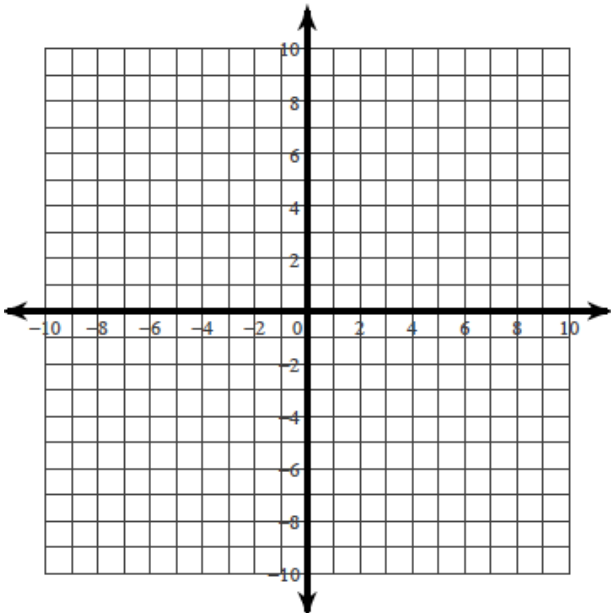


Graphing in Standard Form

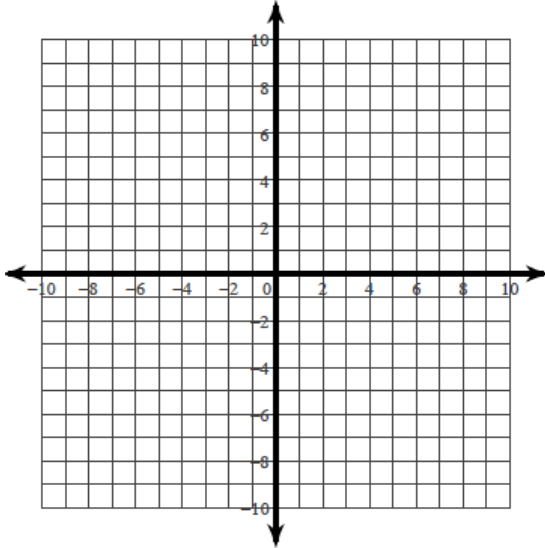
<i>Steps</i>	<i>Example</i>
1. Be sure the equation is of the form $Ax + By = C$.	$2x - 3y = 12$ 
2. Define your axes.	
3. Find the y – intercept. Set $x = 0$, plug into the equation and solve for y . Write your answer as coordinate $(0,y)$.	
4. Find the x – intercept. Set $y = 0$, plug into the equation and solve for x . Write your answer as coordinate $(x,0)$.	
5. Graph the two coordinates. Connect if continuous.	

Examples

Graph finding the intercepts.

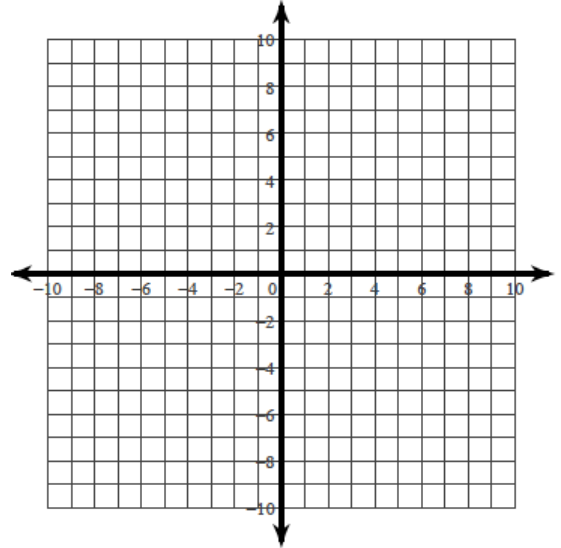
1. $5x + 10y = 10$

x-intercept= _____
y-intercept= _____



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

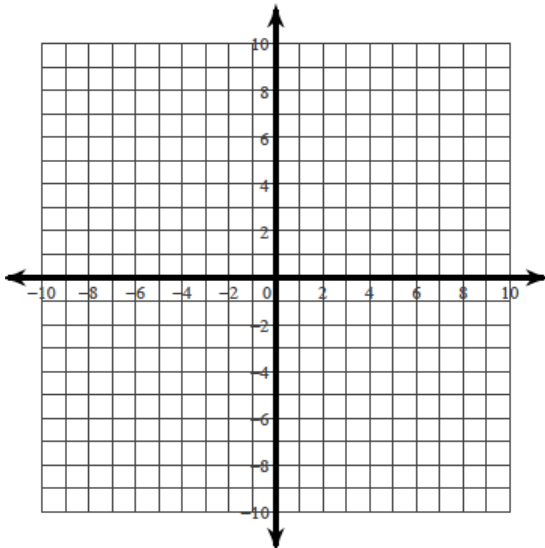
x-intercept= _____
y-intercept= _____



You Try!

1. $x - y = 3$

x-intercept= _____
y-intercept= _____



2. $-4x + 6y = 12$

x-intercept= _____
y-intercept= _____

