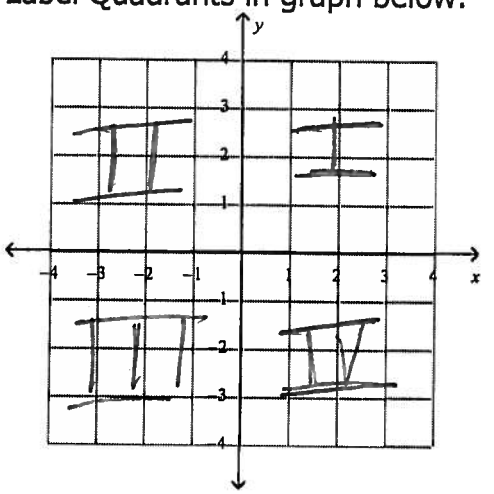
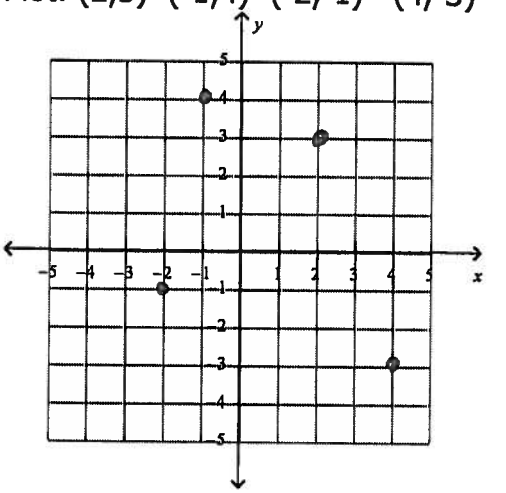
key

Graphing Lines

Label Quadrants in graph below:



Plot: (2,3) (-1,4) (-2,-1) (4,-3)

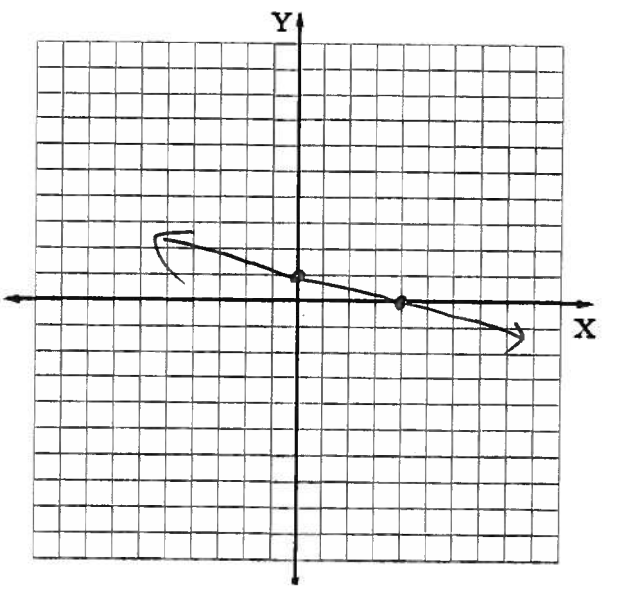


Graph each equation on the coordinate plane.

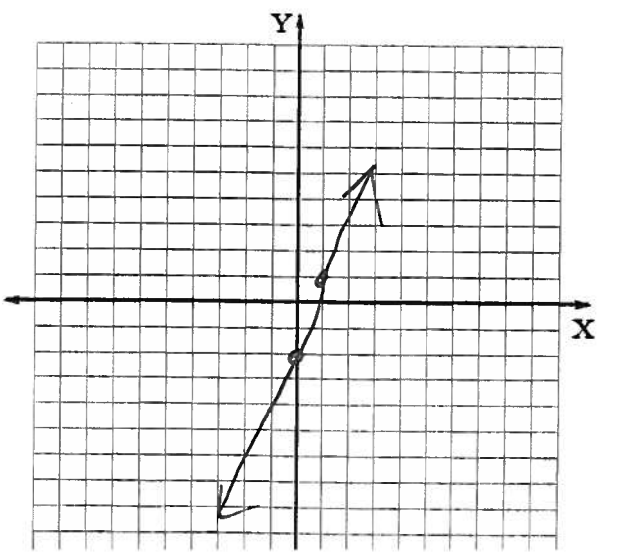
1. $x + 4y = 4$

$4y = -x + 4$

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



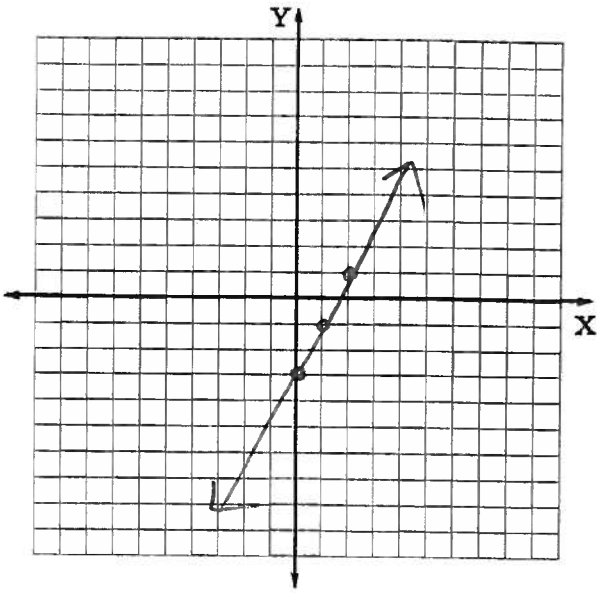
2. $y = 3x - 2$



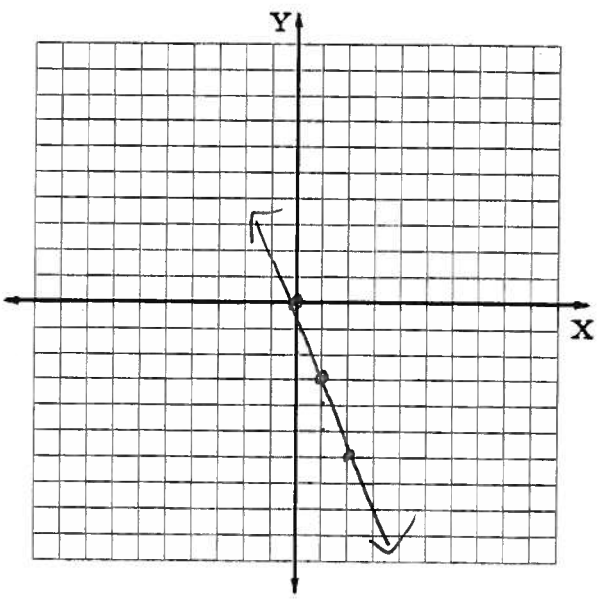
3. $2x - y = 3$

$-y = -2x + 3$

$y = 2x - 3$



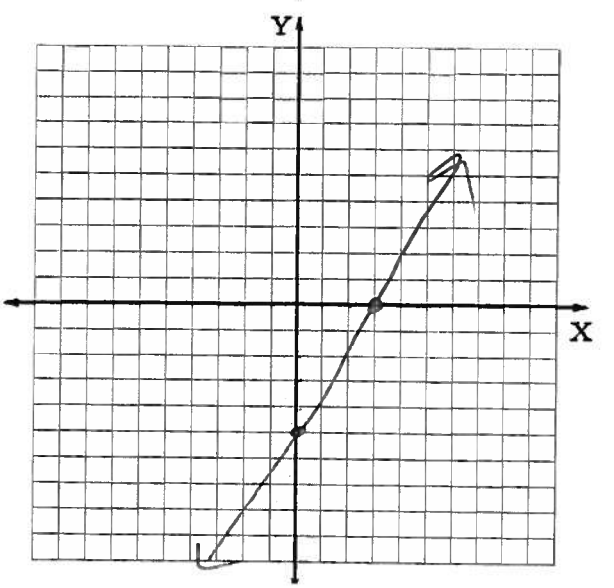
4. $y = -3x$



5. $5x - 3y = 15$

$-3y = -5x + 15$

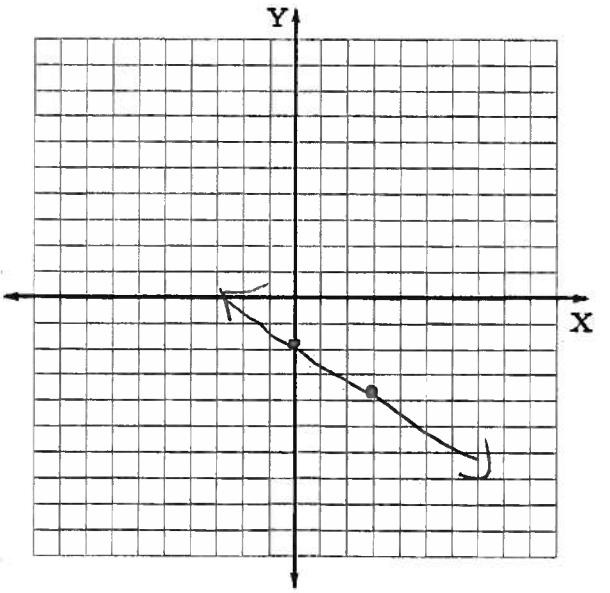
$y = \frac{5}{3}x - 5$



6. $-2x - 3y = 5$

$-3y = 2x + 5$

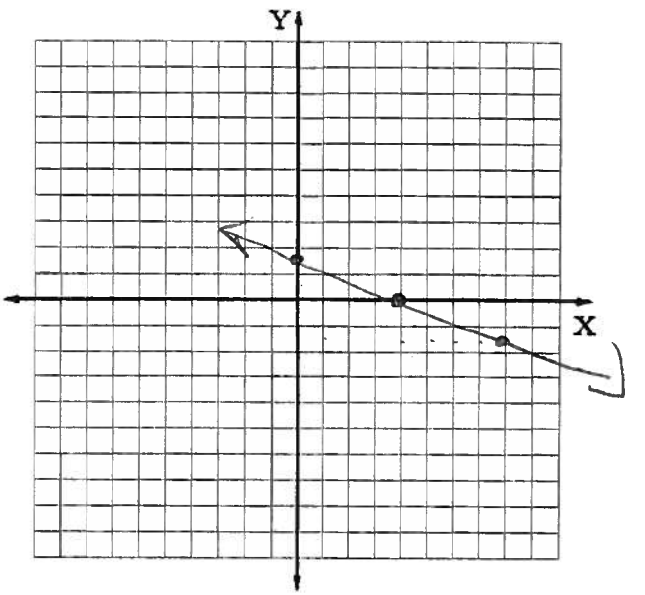
$y = -\frac{2}{3}x - \frac{5}{3}$



7. $-3x + 8y = 12$

$8y = 3x + 12$

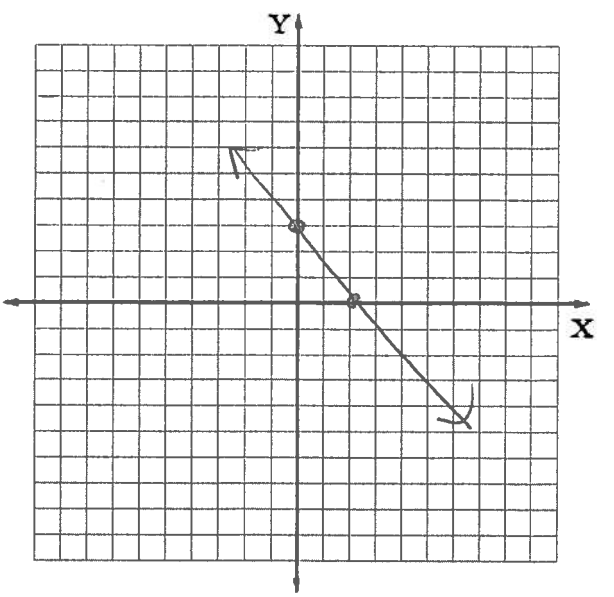
$y = \frac{3}{8}x + \frac{3}{2}$



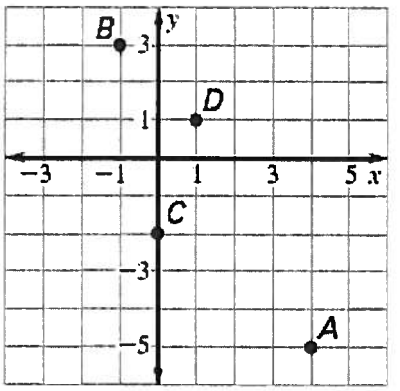
8. $-3x - 2y = -6$

$-2y = 3x - 6$

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



List the coordinates of the points plotted on the graph below.



A (6, -5)

B (-1, 3)

C (0, -2)

D (1, 1)