

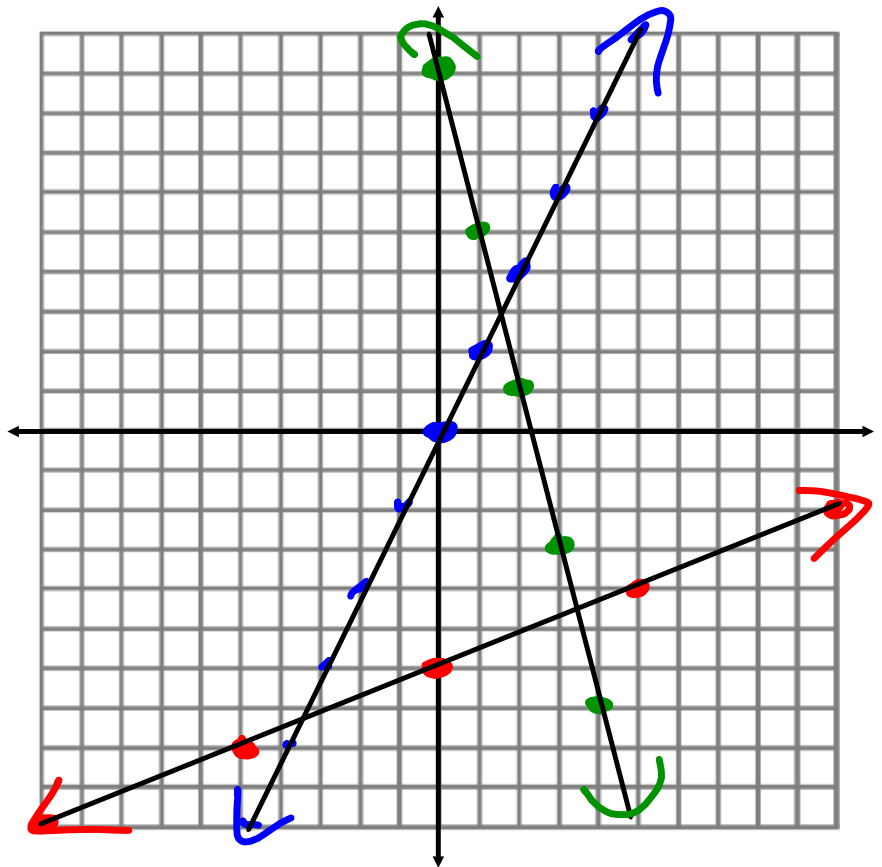
Warm up:

Graph

1) $y = -4x + 9$

2) $y = \frac{2}{5}x - 6$

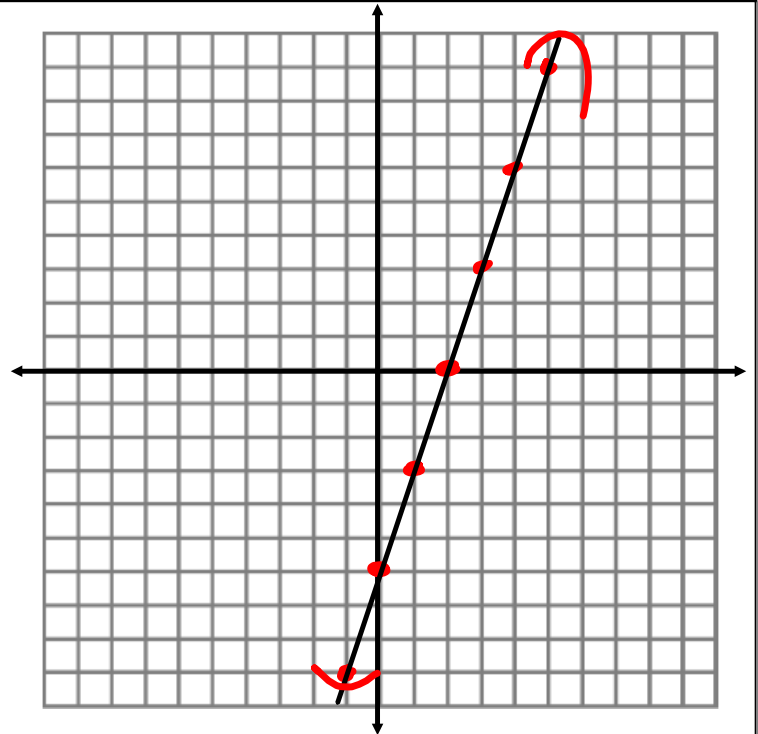
3) $y = 2x$



HW Solutions

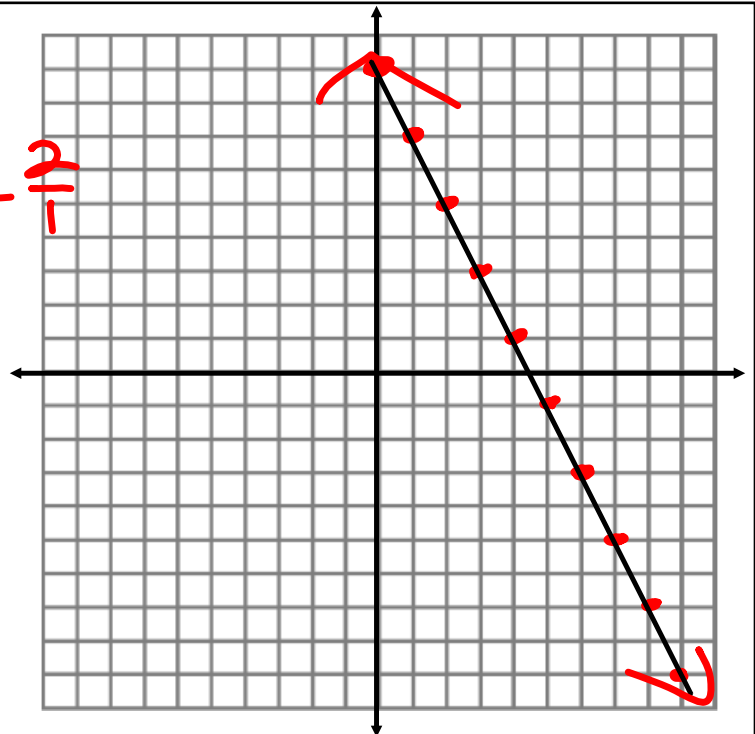
Showdown

$$y = 3x - 6$$

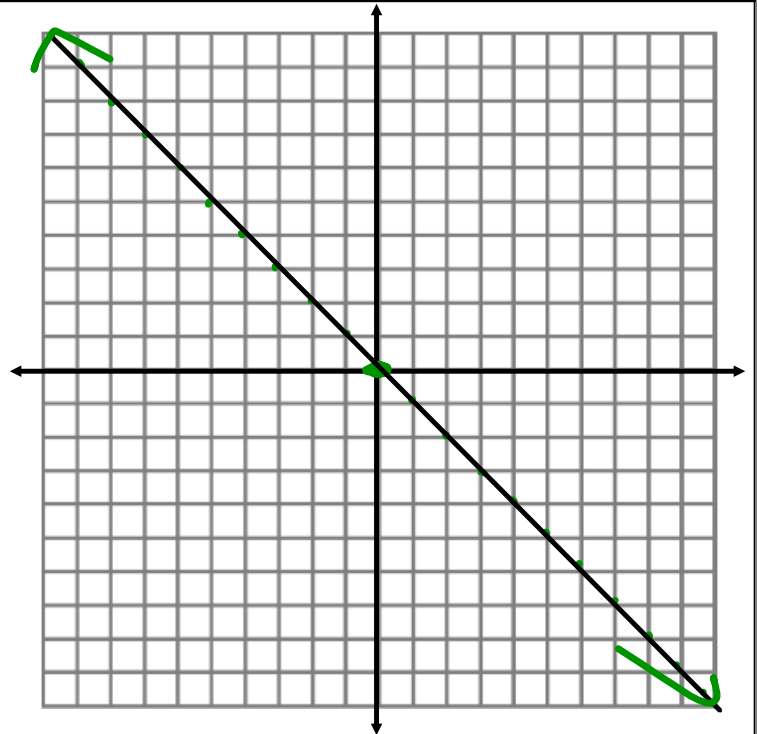


$$y = 9 - 2x$$

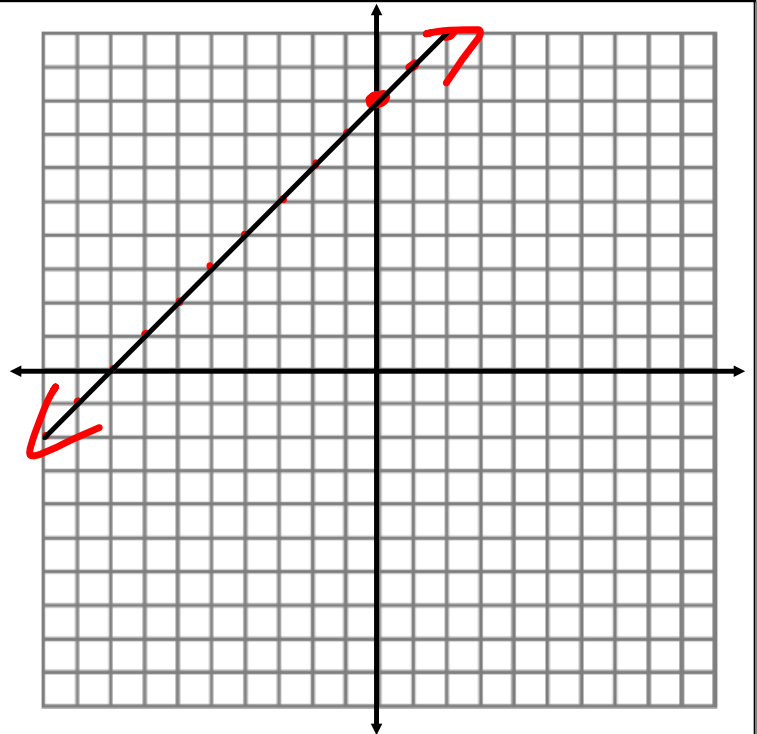
slope = $-2 = -\frac{2}{1}$
y-intercept = 9



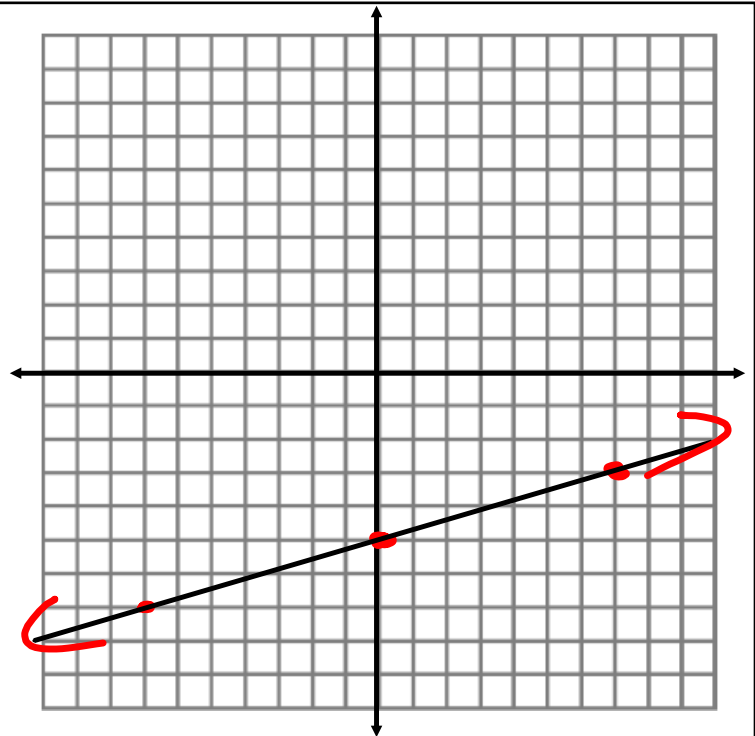
$$y = -x$$



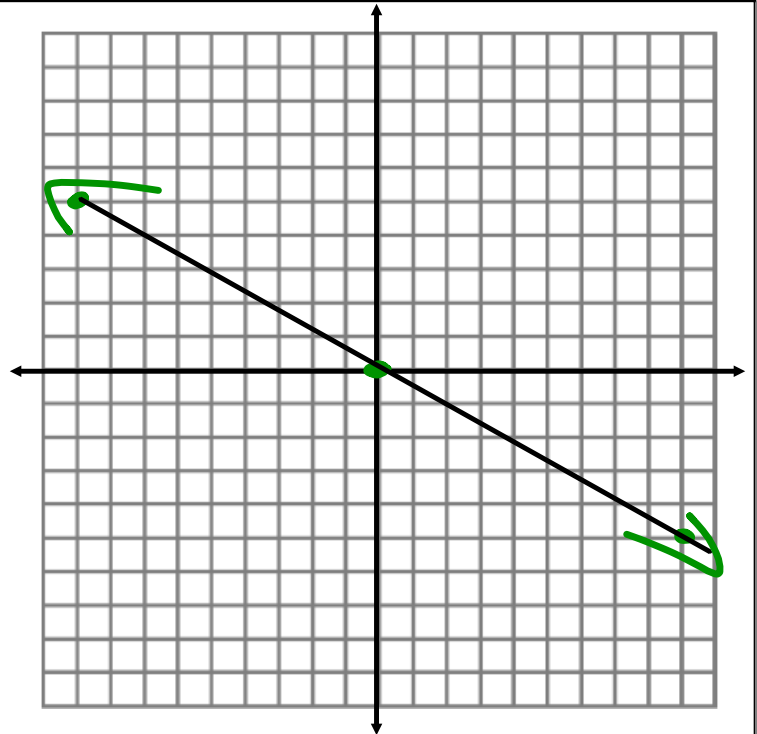
$$y = x + 8$$



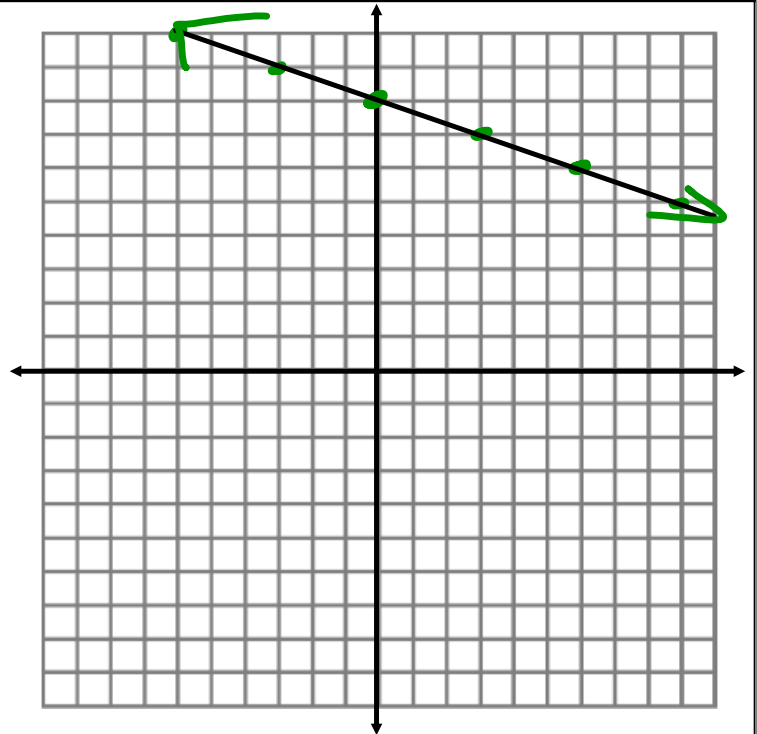
$$y = \frac{2}{7}x - 5$$



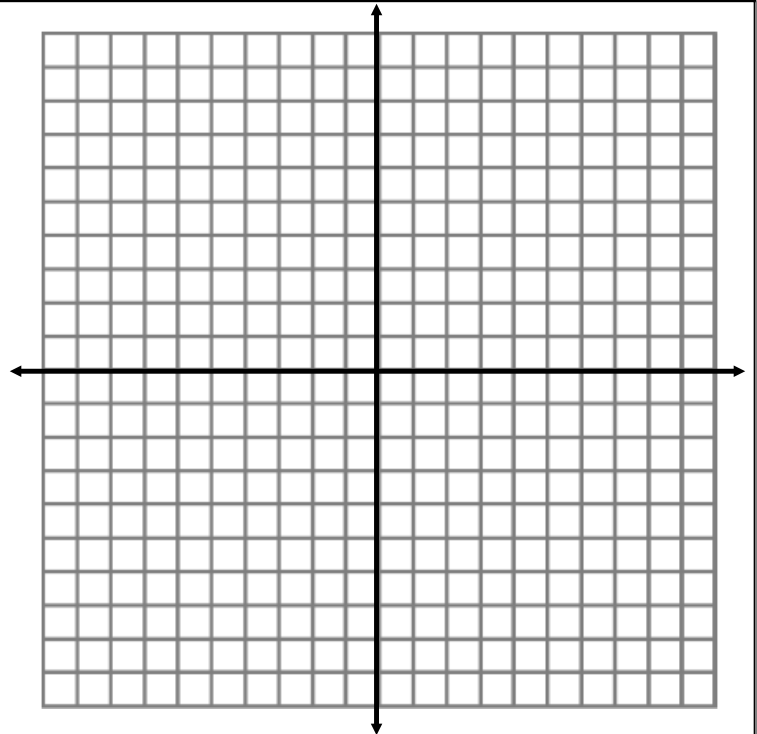
$$y = -\frac{5}{9}x$$



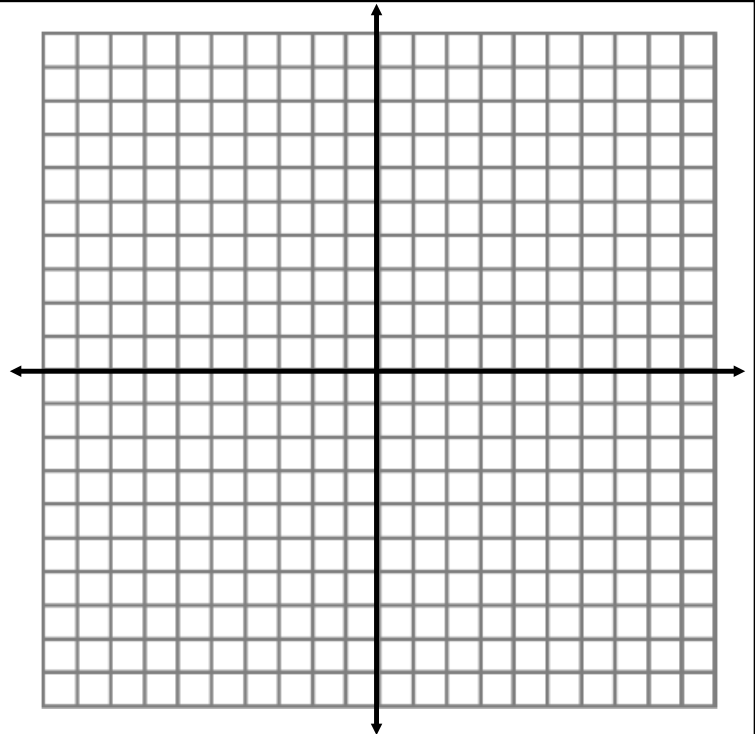
$$y = 8 - \frac{1}{3}x$$



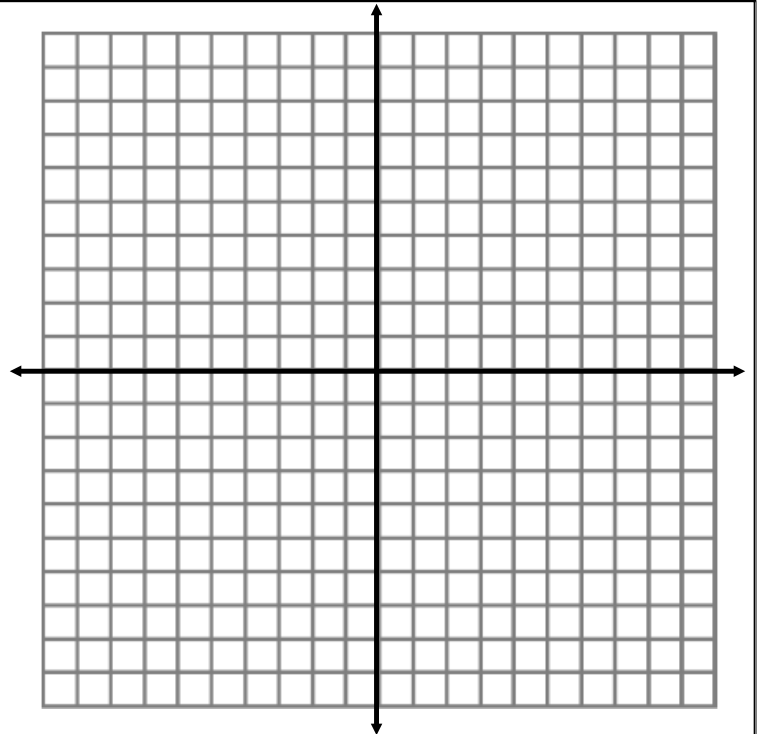
$$y + 4 = 5x$$



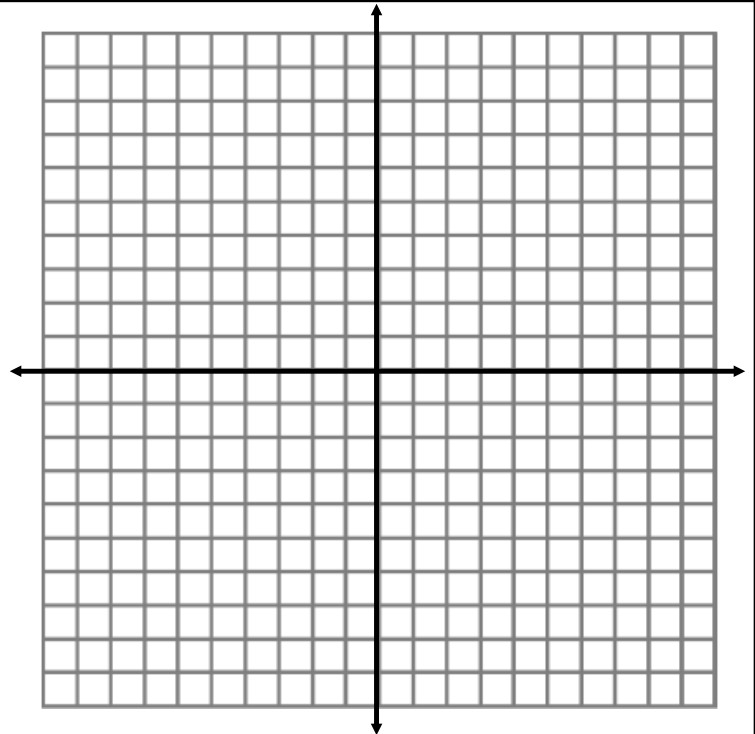
$$x + y = -7$$



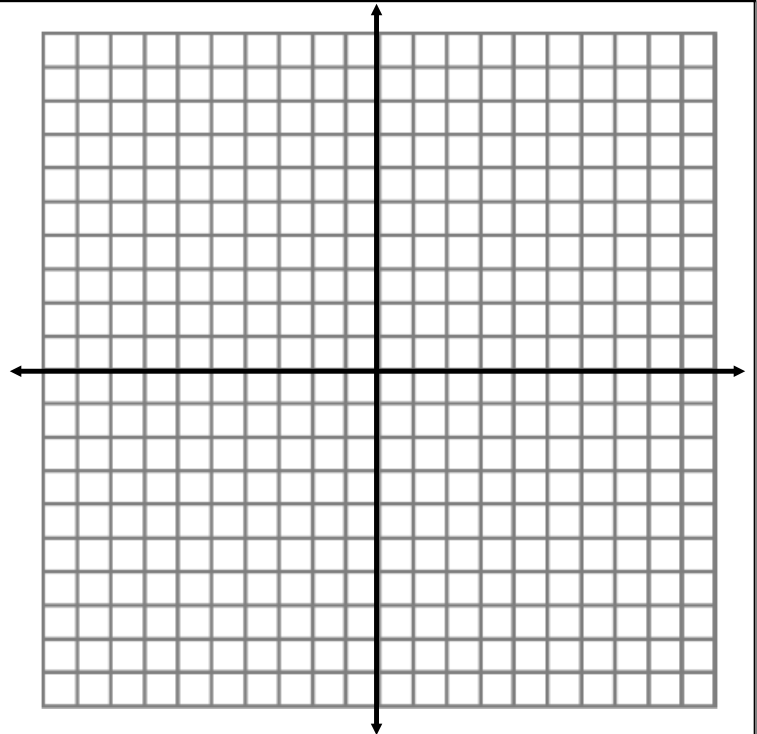
$$4x + 3y = -9$$



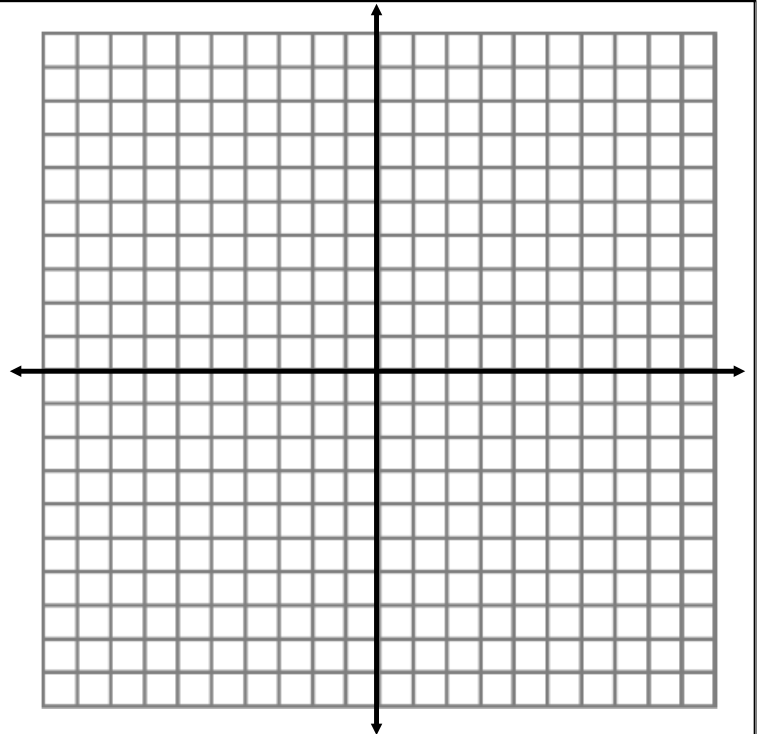
$$x = -5$$



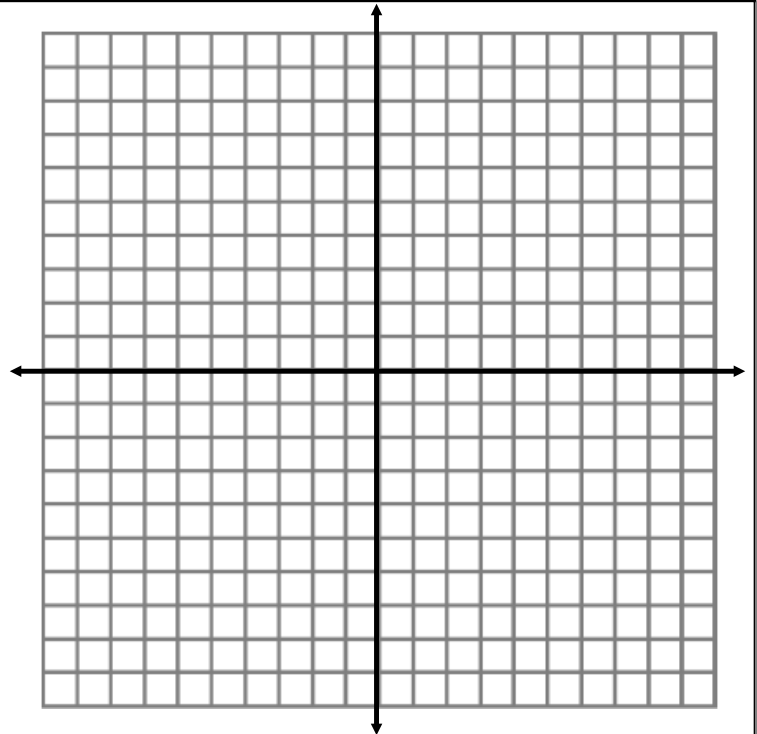
$$y = 4$$



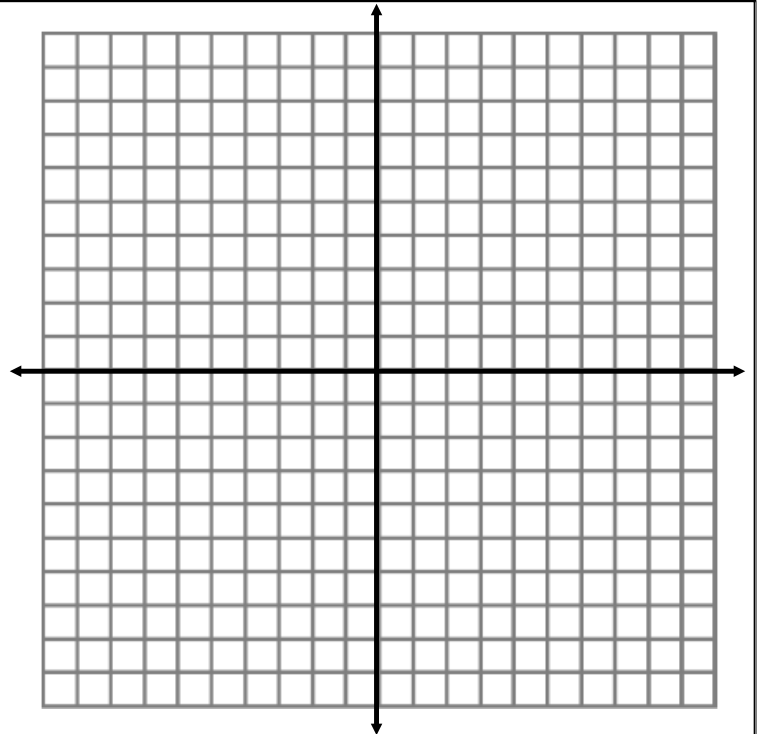
$$x = 7$$



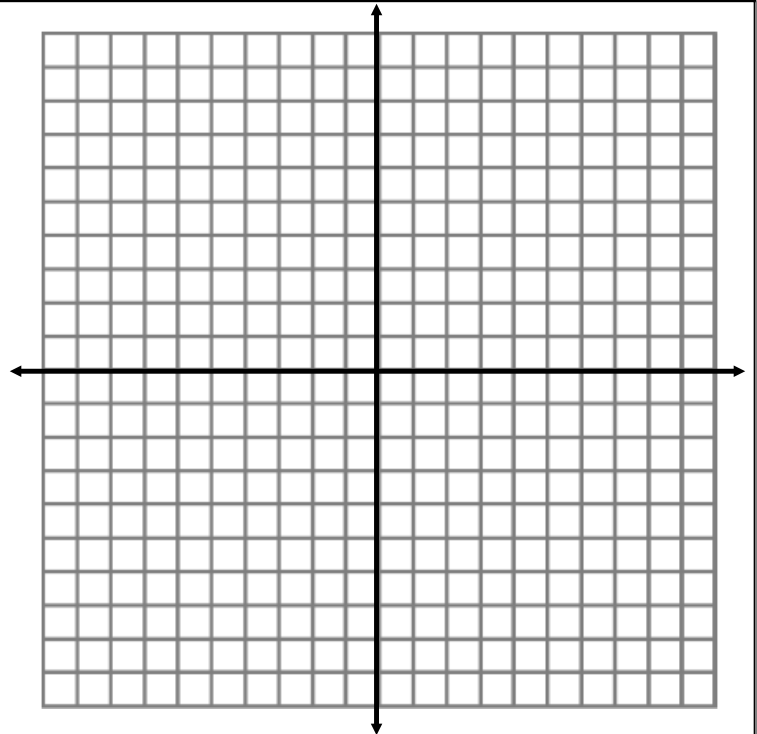
$$y = -1$$



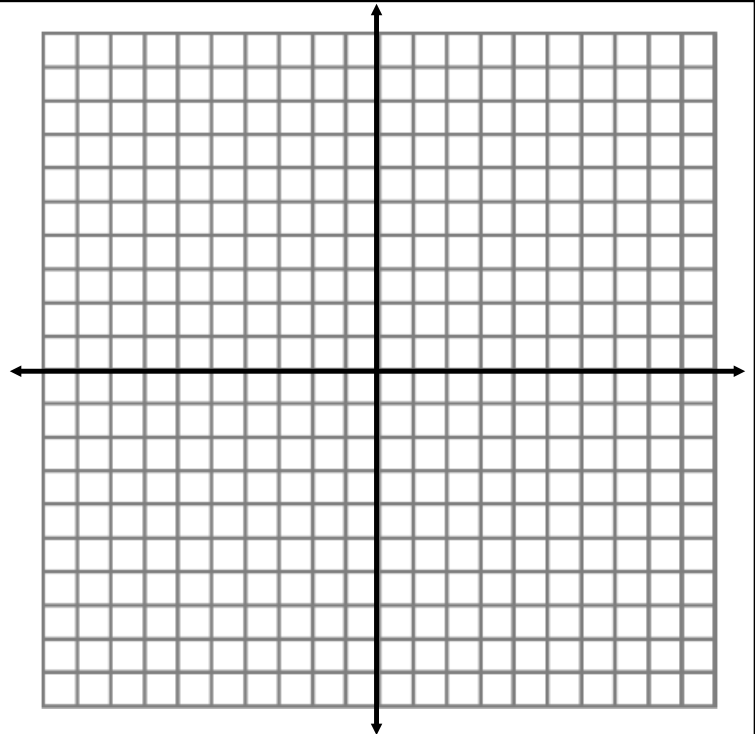
$$y = -2x - 9$$



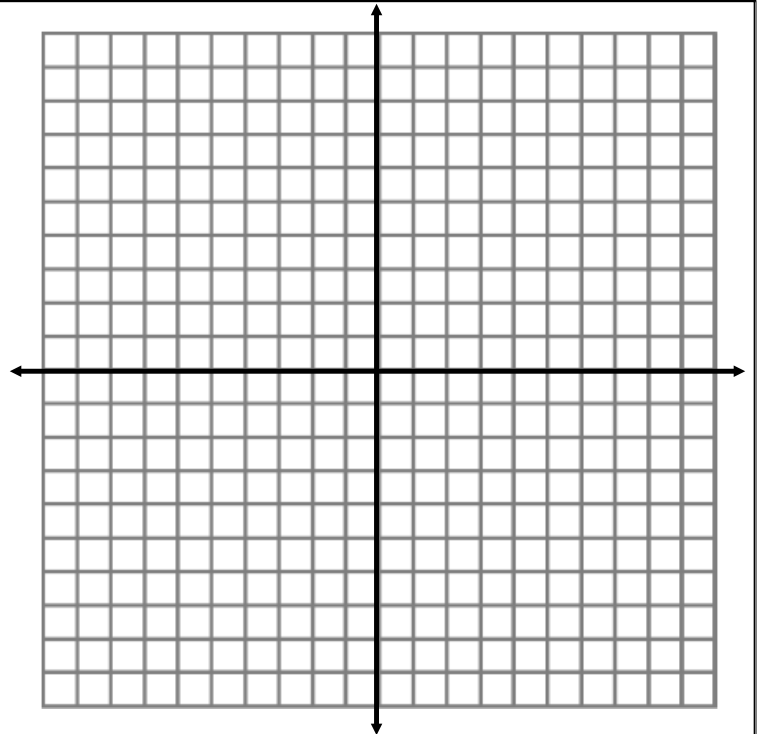
$$4 - 3x = y$$



$$y = x - 3$$



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



December 5, 2021

