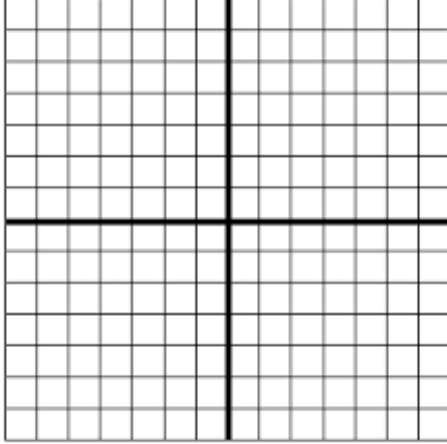


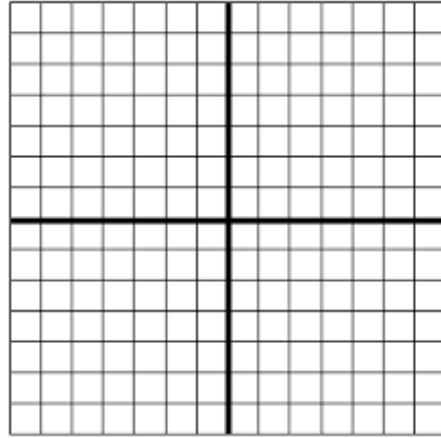
Section 3.3 Practice Problems

Graph the line.

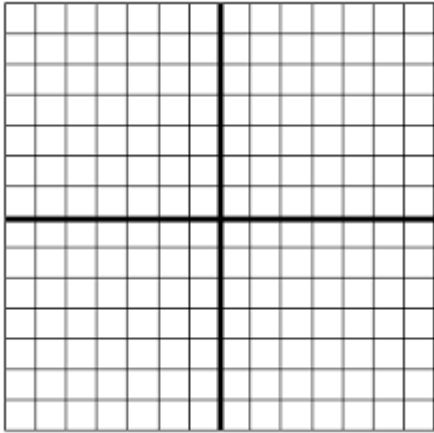
1) $y = -\frac{2}{3}x - 1$



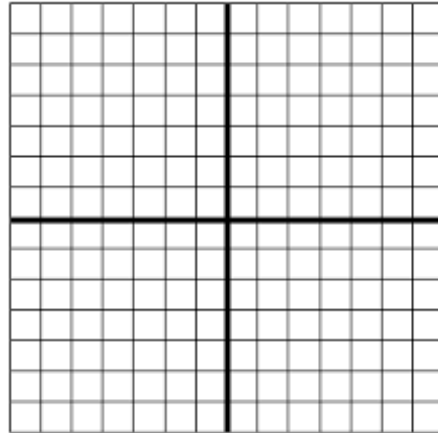
2) $y = -x - 1$



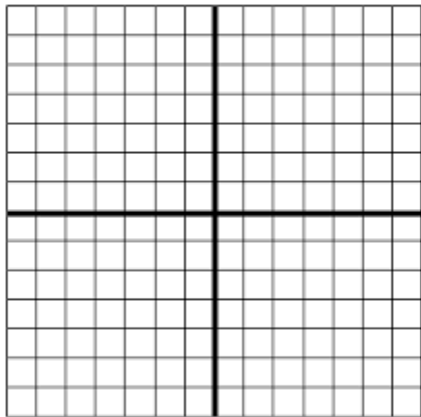
3) $y = -\frac{1}{2}x - 1$



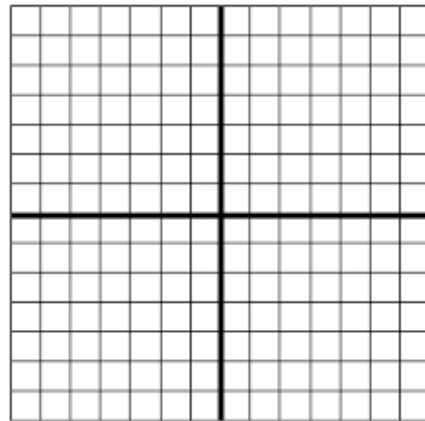
4) $x = 1$



5) $y = 2$



6) $y = 4x + 2$



Geometry

Write the slope-intercept form of the equation of each line.

7) $3x - 2y = -16$

8) $13x - 11y = -12$

9) $9x - 7y = -7$

10) $x - 3y = 6$

Write the point-slope form of each equation of the line through the given point with the given slope.

11) through: $(1, 2)$, slope = 7

12) through: $(2, 5)$, slope = undefined

13) through $(3, 1)$, slope = $\frac{1}{2}$

Write the equation of the line through the given points.

14) $(4, 5)$ and $(8, 7)$

15) $(-3, 6)$ and $(15, -6)$

16) $(1, 5)$ and $(1, -8)$