# Algebra WarmUp 4.2

**Name:** _____

**1.** Write an equations in Slope Intercept Form ($y$ = mx + b) using the given slope and $y$-intercept

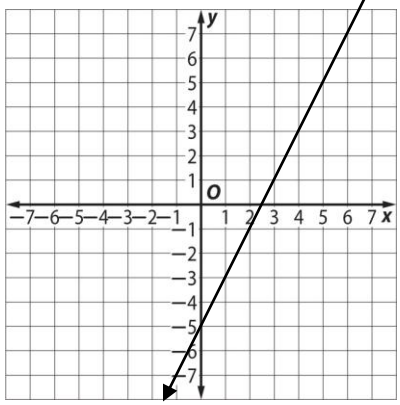
**a.** Slope = 4
$y$-intercept = -3

**b.** $m = -\frac{3}{4}$
b = 0

**2.** Use the graphs to find the Equations of the lines.

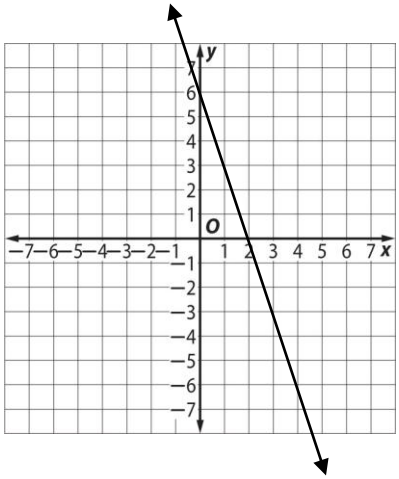
**a.** m =

b =



$y$ = _____

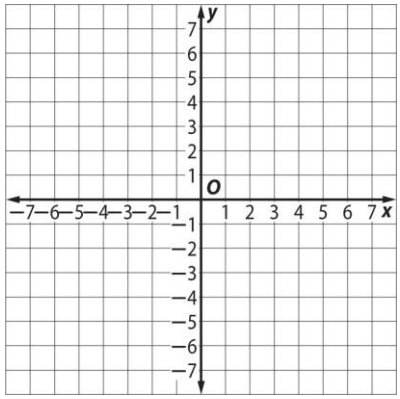
**b.**



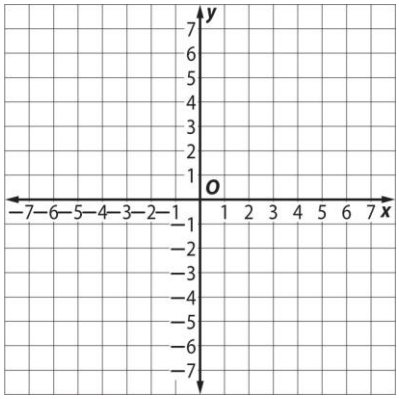
$y$ = _____

**3.** Graph the following equations.

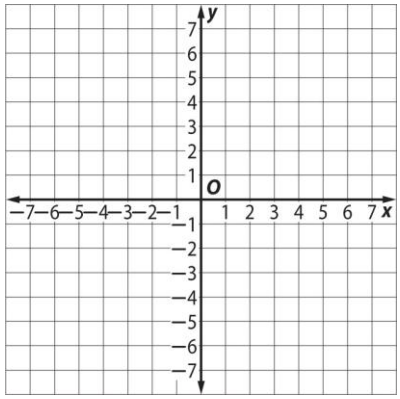
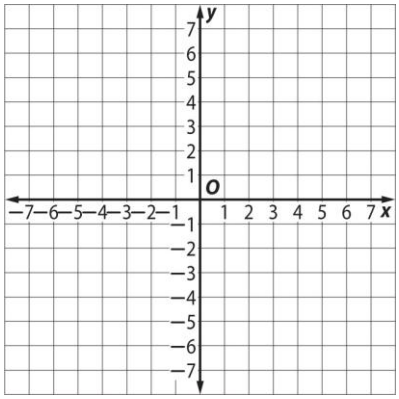
**a.** $y = \frac{1}{2}x - 1$



**b.** $y = -4x + 3$



**c.** $y = -\frac{2}{3}x + 5$



**d.** $4x - 2y = 12$