**You must SHOW ALL WORK to receive full credit.**

**Write the equation of the line.**

1. $passes through the points \left(-2, -5\right)and (-4, 7)$

**Graph and label the following lines.**

1. Line A: $y=-\frac{1}{3}x$

m = \_\_\_\_\_\_\_

b = \_\_\_\_\_\_\_

1. Line B: $x=4$

m = \_\_\_\_\_\_\_

b = \_\_\_\_\_\_\_

**Write the following equations in slope-intercept form.**

1. $3x+2y=6$ 5. $2x-3y=-9$