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

**Write the equation of the line:**

1. $m= -\frac{2}{3} and b= 3$ 2. $m=-3 and passes through the point (2, 5)$

**Using the formula** $m=\frac{y\_{2}-y\_{1}}{x\_{2}-x\_{1}}$**, find the slope of the line that passes through the given points. Answer must be reduced.**

3. $\left(6,-2\right)and \left(4,-12\right)$

**Graph and label the following lines.**

1. Line A: $y=x+4$

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

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

1. Line B: $x=-6$

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

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