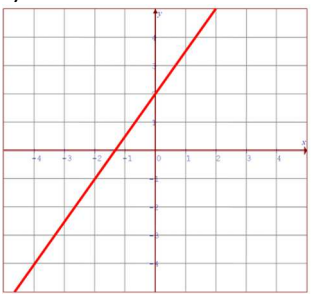
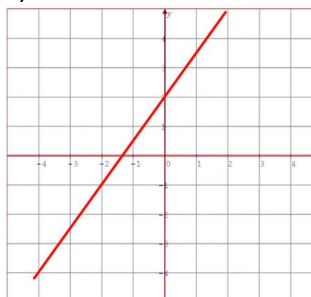
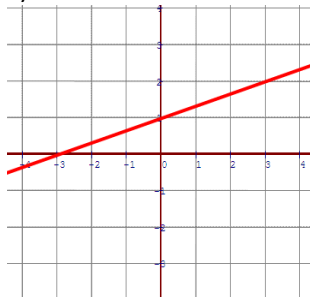
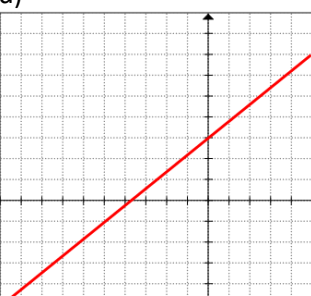
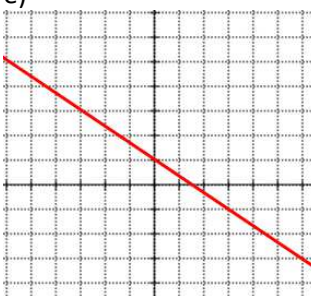
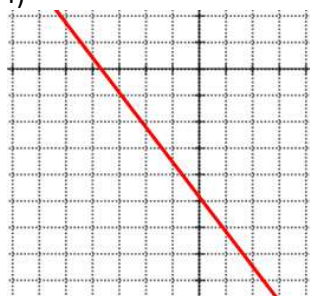
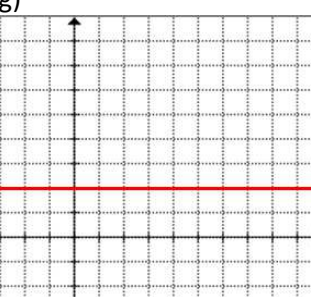
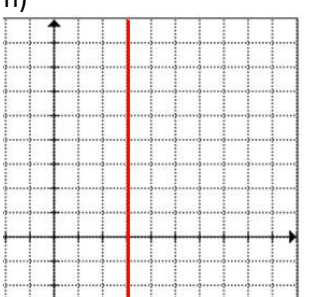
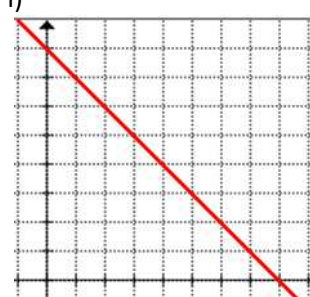
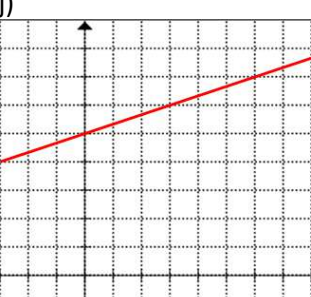
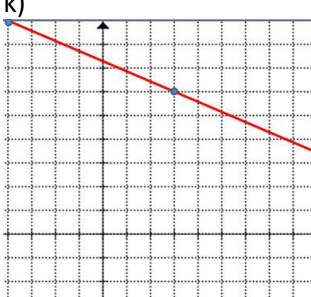
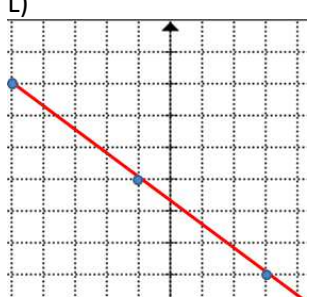


Name: _____

Date: _____

Math 9 HW Section 4.4 Graphing Lines in the form of $y=mx+b$

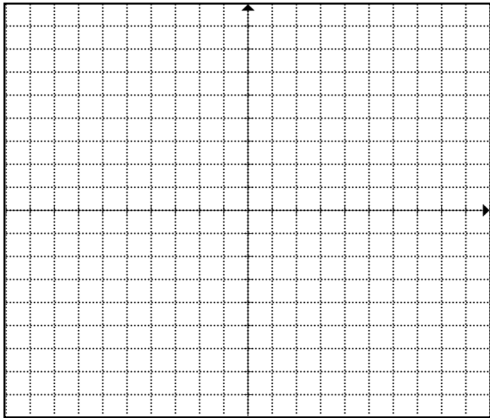
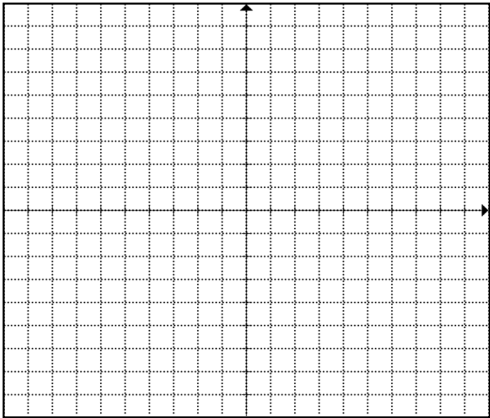
1. Given each graph below, indicate the slope “m” and Y-intercept “b”

a)  Slope: _____ Y-intercept: _____	b)  Slope: _____ Y-intercept: _____	c)  Slope: _____ Y-intercept: _____
d)  Slope: _____ Y-intercept: _____	e)  Slope: _____ Y-intercept: _____	f)  Slope: _____ Y-intercept: _____
g)  Slope: _____ Y-intercept: _____	h)  Slope: _____ Y-intercept: _____	i)  Slope: _____ Y-intercept: _____
j)  Slope: _____ Y-intercept: _____	k)  Slope: _____ Y-intercept: _____	l)  Slope: _____ Y-intercept: _____

2. Given each line equation, indicate the slope “m” and Y-intercept “b”

a) $y = 3x - 2$	b) $y = 4x + 3$	c) $y = -2x - 4$	d) $y = 10 - 7x$
slope: y-intercept:	slope: y-intercept:	slope: y-intercept:	slope: y-intercept:
e) $y = \frac{x}{3} - 1$	f) $y = \frac{4x}{5} + \frac{1}{2}$	g) $y = \frac{4x+3}{2}$	h) $y = -\frac{7}{3}x - 8$
slope: y-intercept:	slope: y-intercept:	slope: y-intercept:	slope: y-intercept:
i) $y = -\frac{5}{11}x - (-13)$	j) $2x + y = 4$	k) $3y + 4x = 12$	l) $y - 8 = 2x - 4$
slope: y-intercept:	slope: y-intercept:	slope: y-intercept:	slope: y-intercept:

3. Given each line equation in the form of $y=mx+b$, graph the line with the grid provided:

a) $y = \frac{3}{7}x + 4$	b) $y = \frac{4}{5}x + 5$
	
c) $y = -\frac{2}{3}x - 6$	d) $y = -\frac{2}{5}x - 5$
