Review 5.1 & 5.3 **Name:** _____

Find the slope of the following lines, using the slope formula.

1. $(3, -2)$ $(-5, -4)$

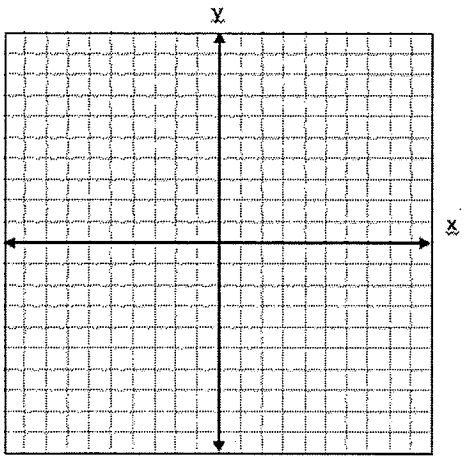
2. $(4.5, -1)$ $(4.5, 3)$

3. $(2, 5)$ $(-5, -2)$

Write an equation of the line in slope intercept form, given the slope and the y-intercept. Then graph the equation.

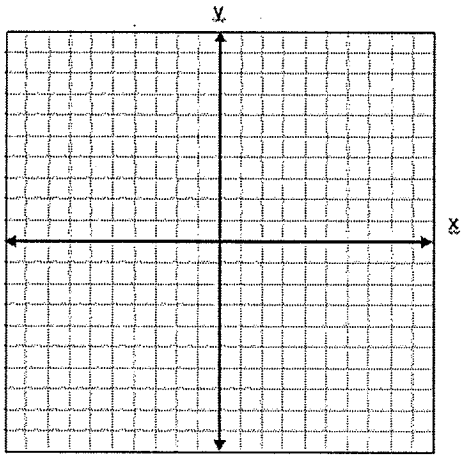
4. $m = 0, b = -3$

Eq: _____



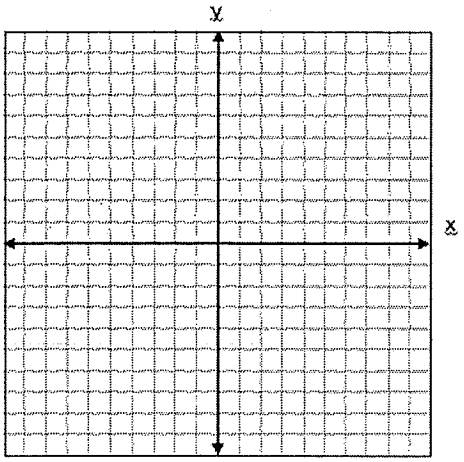
5. $m = -7, b = 2$

Eq: _____



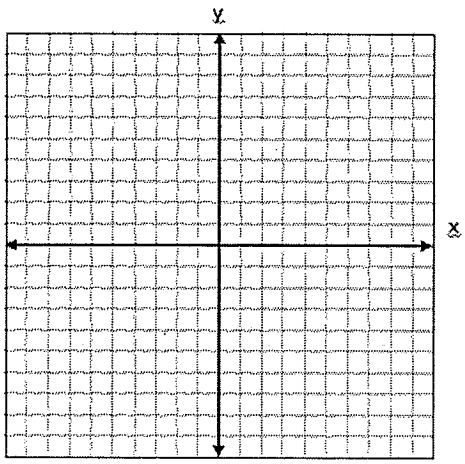
6. $m = \frac{2}{5}, b = 0$

Eq: _____



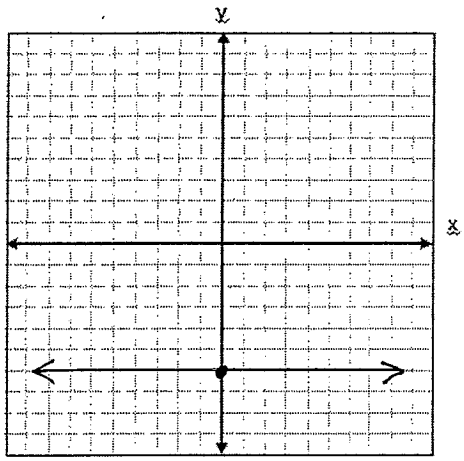
7. m = undefined, x-intercept is 4

Eq: _____



Write the slope-intercept form of the equation for each line. (hint: first find the slope and the y-intercept).

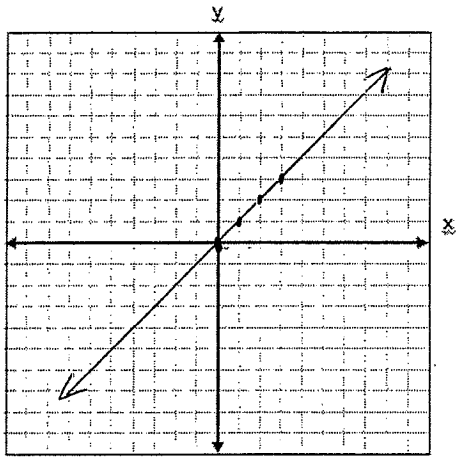
8.



m = _____ b = _____

Eq: _____

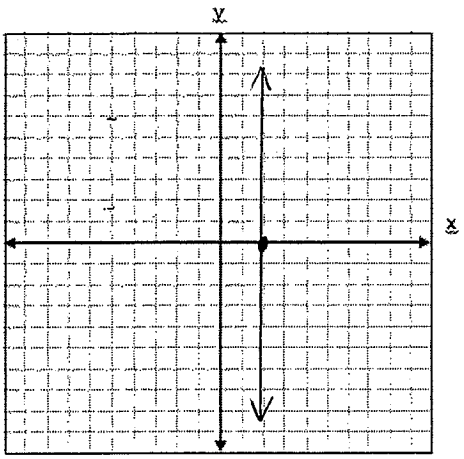
9.



m = _____ b = _____

Eq: _____

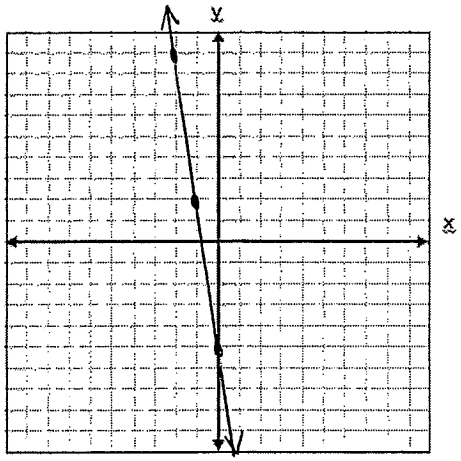
10.



m = _____ b = _____

Eq: _____

11.



m = _____ b = _____

Eq: _____

12. Draw any line you wish using a ruler.

Identify the slope _____ the y-intercept _____,

and write an equation for your line in slope-intercept form _____.