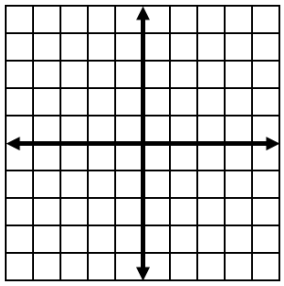
Alg 1 Week 13 Friday Warm Up

Unit test Ch4/5 Next week BLOCK!!!

Skill 6: Convert the equation to slope intercept form, then graph.

$$x + 3y = -3$$



Skill 7: Write the equation of the line in slope intercept form that passes through the given points

a) (3,-4) and (-5,-4)

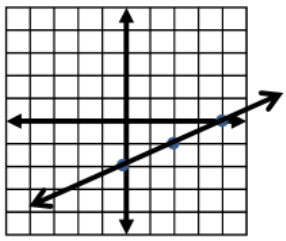
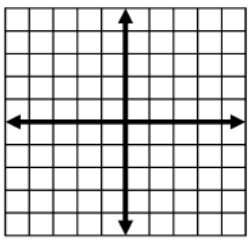
b) (-2,5) and (-2,-3)

Skill 8: Write the equation of the line that is perpendicular to $y = \frac{1}{4}x + 7$ and passes through the point (2,-5).

Algebra 1 Wk 13 Fri Review Wksht #1 Chp 4-5 Test Show all work

Name_____

CW/HW

1. Put in slope-intercept form. $y - 2 = -6(x - 3)$ Answer:_____	2. **Find the slope and y-intercept.** $5x - y = 2$ Answer: m= b=	3. **Write the equation of the line parallel to $3x - y = 1$ passing through (-15, -6).** Answer:_____
4. **Write the equation of the line with $m = -2$ passing through (4, - 9).** Answer:_____	5. **Write the equation of the line passing through** (-2, 5), (-2, 8) Answer:_____	**6. Write the equation of the line with slope= 0 passing through** (4,7). Answer:_____
7. Write the equation of the line graphed below:  Answer:_____	**8. Graph by the intercepts.** $4x + 3y = -12$ **Work for x-intercept:** ***Work for y-intercept:*** 	**9. Each pair of points lies on the same line. Find x.** (x, -7), (2,17); slope = $-\frac{8}{3}$

10.

$\{(-1,3)(2,3)(4,6)(5,5)\}$

Draw a mapping:

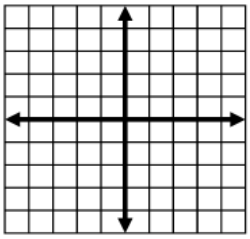
State the domain and range.
Domain:

Range:

Is this a function? Explain.

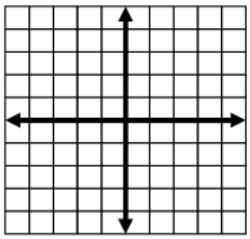
11. Graph

$x - 3y = 3$



12. Graph

$y = -2x + 4$



13. Write the equation of the line perpendicular to $y = -7x + 3$ passing through (14,7).

Answer:_____

14. If a line has an undefined slope, what does the graph look like?

15. Find the slope of the line passing through (-1,9) and (4,-7).

Answer:_____

16. Graph the following function.

x	$f(x) = x^2 - 2x - 3$	f(x)
-2		
-1		
0		
1		
2		
3