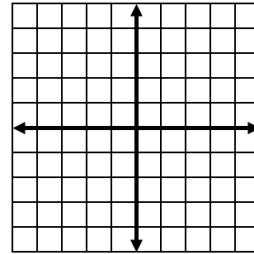


Alg 1 Week 14 Monday Warm Up

Unit test Ch 4/5 Block Day!!!

Skill 6: Convert to slope intercept form and graph

$$-2x - 2y = 4$$



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

(-1,-8) and (4,2)

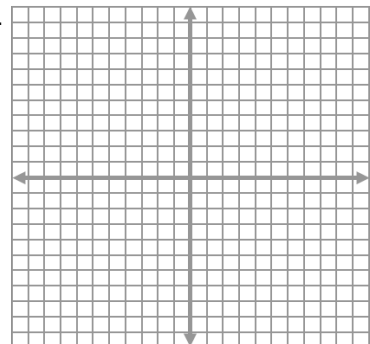
Skill 8: Write the equation of the line that is parallel to $y = -2x + 1$ and passes through (3,4) in slope-intercept form.

Skill 9: Graph the two equations on the same grid. Find their intersection.

Line A: $y = \frac{2}{3}x + 3$

Intersection point _____

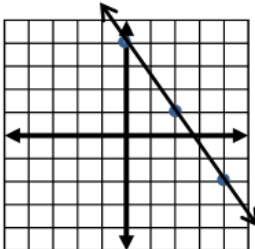
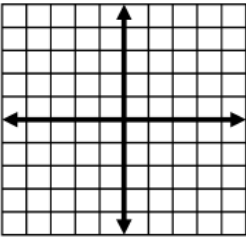
Line B: $3 + y = -\frac{1}{3}x$



Should the intersection point work on both lines? Why or why not?

Name _____

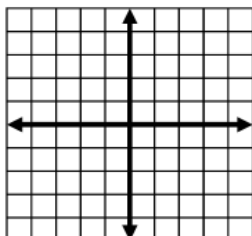
CW/HW

<p>1. Put in slope-intercept form. $y + 8 = 3(x - 5)$</p> <p>Answer: _____</p>	<p>2. Find the slope and y-intercept. $y = \frac{3}{4}x - \frac{2}{5}$</p> <p>Answer: m= b=</p>	<p>3. Find the slope and y-intercept. $3x + 2y = 8$</p> <p>Answer: m= b=</p>
<p>4. Find the slope of the line that passes through each pair of points $(7, 3), (7, -5)$</p>	<p>5. Find the slope of the line that passes through each pair of points $(2, -4), (-2, 8)$</p>	<p>6. Find the slope of the line that passes through each pair of points $(-2, -3), (6, -3)$</p>
<p>7. Write the equation of the line graphed below:</p>  <p>Answer: _____</p>	<p>8. Graph $y = \frac{1}{2}x + 3$</p> 	<p>9. Each pair of points lies on the same line. Find x. $(x, 5), (-3, -3)$; slope = 4</p>

A1 w14d1 review.notebook

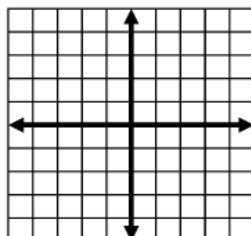
10. Graph

$$y = -x - 2$$



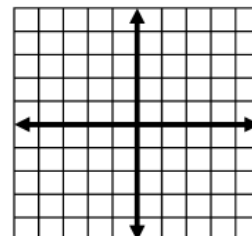
11. Graph

$$4x + 3y = 3$$



12. Graph

$$4x - 2y = 2$$



13. Write the equation of the line passing through (2,-5) and (4,3).

Answer: _____

14. Write the equation of the line parallel to $y = -\frac{3}{2}x + 1$ passing through (-6,12)

Answer: _____

15. Write the equation of the line perpendicular to $y = 4x + 5$ passing through (12,8).

Answer: _____

16. Graph the following equation.

x	$f(x) = x + 1 - 3$	y
-3		
-2		
-1		
0		
1		
2		

