W-up Monday week 16

1. Skill 7: Write the equation of the line that goes through (4,3) and (-2,-6)

2. Skill 8: Write an equation of the line perpendicular to y=3x-20 that goes through (-6,7)

3. Skill 9: Solve the system of equations by graphing, then CHECK!!!

Line A: $y = -2x + 7$

Line B: $-x + 2y = -6$

Check:

Remember

Academic Recovery for the Unit 4/5 test
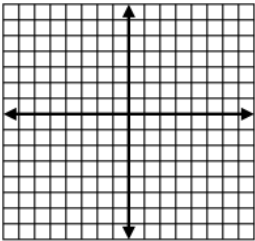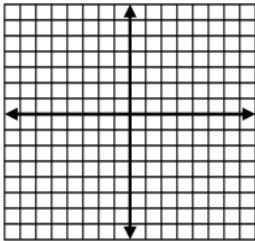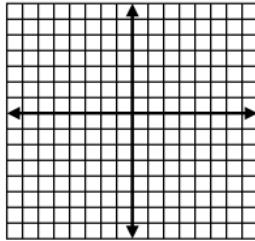
is tomorrow (Room ___) and Wed. after school!
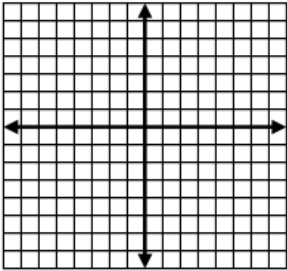
A1 w16d1 Mid-Chapter Review.notebook

CW/HW

Ch 6 mid chapter test this FRIDAY!

1. Solve by graphing.	2. Solve by graphing.	3. Solve by graphing.
$y = -\dfrac{1}{2}x + 1$ $y = -\dfrac{3}{2}x - 3$	$y = \dfrac{1}{2}x - 5$ $3x + 2y = 6$	$y = \dfrac{2}{3}x + 2$ $2x - 3y = 3$
Solution:_____	Solution:_____	Solution:_____
4. Solve by substitution. $y = x - 4$ $y = -x + 2$	5. Solve by substitution. $x = 9 - 2y$ $3x + 4y = 13$	6. Solve by substitution. $y = 3x - 7$ $3x - 2y = 2$
Solution:_____	Solution:_____	Solution:_____
7. Solve by elimination. $2x + 5y = 1$ $-2x + y = -19$	8. Solve by elimination. $2x + 3y = 8$ $6x + 9y = 24$	9. Solve by elimination. $2x + 3y = -14$ $5x - 4y = 34$
Solution:_____	Solution:_____	Solution:_____

10. Solve by graphing.	11. Solve by elimination.	12. Solve by substitution.
$y = -2x + 7$ $x - 2y = 6$ Solution:_____	$2x - 11y = 15$ $5x + 3y = 7$ Solution:_____	$y = -2x + 7$ $3x + 2y = 11$ Solution:_____
13. **CHECK #10**, by showing work below.	14. **CHECK #11**, by showing work below.	15. **CHECK #12**, by showing work below.

Scrambled Answers for #1-9: infinite solns; (4,-3); (4,5); (8,-3); (3,-1); (-5,7); no solns; (-4,3); (2,-6)