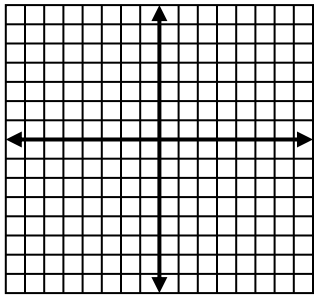
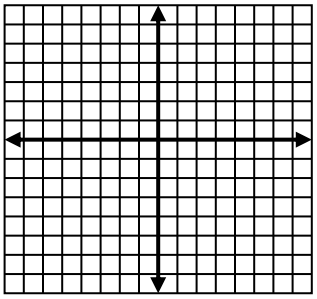
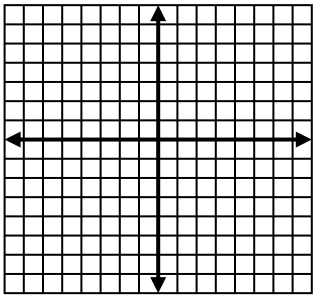
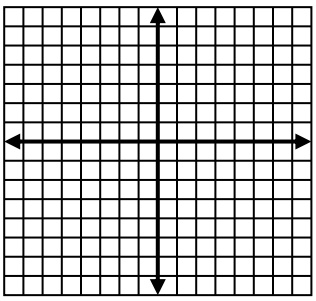
Mastery Alg 1 Review 6-1 to 6-3 Name_____

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

10. Solve by graphing. $y = -2x + 7$ $x - 2y = 6$  Solution:_____	11. Solve by elimination. $2x - 11y = 15$ $5x + 3y = 7$ Solution:_____	12. Solve by substitution. $y = -2x + 7$ $3x + 2y = 11$ 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)