Pre-Algebra   **Name:**_____

Solving Equations   **Period:** _____

Solve each equation by either adding or subtracting. Show all work! Check Answer.

1. $m + 2 = 10$ 2. $x - 3 = 0$ 3. $y - 7 = -14$

Solve each equation by dividing. Show work! Check answer.

4. $5x = 50$ 5. $-4y = 20$ 6. $-8p = -16$

7. $2y = -10$ 8. $-7h = -35$ 9. $-10t = -100$

10. $125 = -25d$ 11. $-40x = -120$ 12. $15c = 30$

Solve each equation by Multiplying. Show work! Check answer.

13. $\dfrac{n}{3} = 10$

14. $\dfrac{n}{5} = 3$

15. $\dfrac{n}{7} = -2$

16. $\dfrac{n}{-2} = 5$

17. $\dfrac{n}{-3} = -10$

Simplify → Use the Distributive Property to remove parenthesis.   THEN combine like terms.

18. $5(2m + 6) + 3(4m - 6)$

19. $4x + 5y + 7 - 2x + 3y + 2$

20. $-3(4m + 2) + 7(m + 1) + 4(-2m + 3)$