2 B4A Review Solving Equations

Name: _____Per: _____

SHOW YOUR WORK FOR FULL CREDIT. NO WORK, NO CREDIT. NO WORK IN PEN.

Solving Two Step Equations. **Solve for x**

1. $3x + 7 = -5$

2. $18 = \frac{1}{2}x + 10$

3. $5x - 2 = -32$

4. $-x + 7 = -2$

Combining Like Terms and Solving Equations. **Solve for x**

5. $5x + 18 - 8x = 33$

6. $-3x - 4 + 2x = 2$

7. $5 - \frac{1}{2}x + 3 = -30$

8. $-5 + x + 16 = -3$

9. $7x + 14 - 5x$

10. $2 + 3x - 2x = -15$

Distribute, Combine and Solve. **Solve for x**

11. $-(3 - x) = 4$

12. $4(x - 2) + 2x = 40$

13. $3(x - 12) = 27$

14. $\frac{1}{2}(4x - 4) = -60$

15. $9 = 6 - (x + 2)$

16. $3(x - 2) + 5 = 14$

Extra Credit (SHOW YOUR WORK): $(4x + 2) - (12x + 8) + 2(5x - 3) = 16$