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Period: _____

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HW 4-3**Int 1****Solving Two-Step Equations****Unit 4**

Instructions: For each of the following equations, you must do these 3 steps to get full credit.

- 1) Circle the variable and set up your lines.
- 2) Use Inverse Operations on BOTH SIDES.
- 3) Solve with the variable in your answer.

Remember that you can plug in your answer to the original question to check your answer!

1) $3x + 1 = 10$

5) $-4w - 4 = 8$

2) $-3 + 8n = -5$

6) $5 + \frac{1}{7}b = 2$

3) $4h + (-6) = 22$

7) $2r - 3.1 = 1.7$

4) $-8s - (-1) = 33$

8) $4t + 3.5 = 12.5$

9) $8m - 5.5 = 10.1$

13) $\frac{1}{2} + \frac{2}{3}x = \frac{2}{5}$

10) $9.3 - 2x = 21.9$

14) $\frac{3}{4}r - \frac{4}{3} = \frac{1}{6}$

11) $25 + \frac{11}{12}b = 47$

15) $6m - 1 = 25$

12) $15 - \frac{1}{2}n = -3$

16) $5 + 4w = 69$

$$17) \quad -7t + 3 = -52$$

$$21) \quad 43 = 9t + (-2)$$

$$18) \quad 9b - (-1) = 28$$

$$22) \quad 66 = 20y - 16$$

$$19) \quad -5m - 10 = 25$$

$$23) \quad 85 = 3w + 4$$

$$20) \quad 46 - 3v = 58$$

$$24) \quad 3.5c - 2 = 8.5$$

25) $3b - 2 = 4$

27) $45 - 5t = 25$

26) $10 = -3t - 5$