***Solving Equations by Combining Like Terms and Distributive Property Notes:***

1. 3x – 4 + 2x = 36 2. 12x + 9 – 3x + 5 = - 49 3. 3x + 5(x – 2) = 14

4. – 2x + 15 = 4x + 39 5. 13x – 5 = 10x + 37 – 4x 6. -7 (x – 1) = - 5 (x – 5)

7. 6p – (5p + 5) = - 8 – 2 (p + 12) 8. – 2(18 – 3y) = 7y + 2y 9. y – 7 = $\frac{1}{4}$ (y + 2)

9. Five times the sum of a number and 2 is 25. Write the equation and solve.

 Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_