***Solving Equations with Variables on Both Sides of the Equal Sign (Homework):***

1. n – 12 = 3n 2. 4d – 11 = 2d + 7 3. 8y + 11 = 2y + 29 4. 17 – 3c = 4c + 3

5. 5b = 21+ 4b 6. 2n – 5 = 7n 7. 7 – 4c = 3c + 35 8. 29 + 7d = 5d + 15

9. w – 20 = 6w 10. 6h – 34 = 6h + 14 11. 11j = 6j – 15 12. 28x – 4 = 4(7x – 1)

13. – 4p – 7 = 5p + 11 14. 4f + 6 = 8f – 14 15. 5d = 9d – 18

16. Two more than a number is the same as 16 decreased by 6 times the number. Write the equation

and solve it. Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. Nine more than 3 times a number is the same as 6 less than twice the number. Write the equation

and solve it. Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. Four times a number decreased by 25 is the same as 9 times the number. Write the equation and

solve it. Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19. Twenty decreased by 2 times a number is the same as 10 less than 3 times the number. Write the

equation and solve it. Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_