Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Algebra 1A wkst 6.1 B**

**Solve the following problems for the variable. Then graph the solution on a number line.**

1. x + 9 < 12 2. x – 2 ≥ 5

3. x – 6 ≤ -14 4. x – 7 ≤ - 4

5. x + 6 > 9 6. x – 7 > -3

7. x – 3 < -8 8. x + 12 ≤ 5

9. x – 8 < 3 10. x + 6 ≥ 14

11. x – 9 > 1 12. x + 4 ≤ 1

13. x – 5 ≤ -5 14. x + 3 ≥ 5

15. x + 3 < 8 16. x + 4 > -2

17. x – 3 > 5 18. x – 6 < -13

19. x + 11 ≥ 5 20. x + 3.1 < 5