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

**Algebra 1A wkst 6.1C**

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

1. 9x < 18 2. -2x ≥ 4

3. 4x ≤ -16 4. -7x ≤ 42

5. 3x > 9 6. -1x > -3

7. 5x < -15 8. -4x ≤ 6

9. 2x < 16 10. -4x ≥ 16

11. $\frac{x}{5}>3$ 12. $\frac{x}{4}<2$

13. $\frac{x}{-2}>3$ 14. $\frac{x}{3}\geq 1$

15. $\frac{x}{6}<-1$ 16. $\frac{x}{-2}<5$

17. $\frac{x}{4}\leq 2$ 18. $\frac{x}{-2}\leq 3$

19. $\frac{x}{-4}\geq -2$ 20. $\frac{x}{4}$ > 1