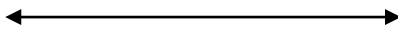
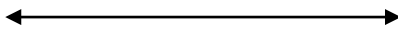


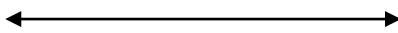
ALGEBRA Chapter 6 Review

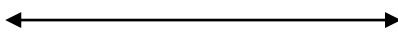
Name _____ Period _____

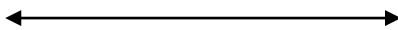
Solve the inequality and graph its solution.

1. $x - 4 < -2$  1. _____

2. $-8x \leq -24$  2. _____

3. $x + 3.5 > 8$  3. _____

4. $\frac{x}{7} \geq 4$  4. _____

5. $8 - x > 24$  5. _____

Solve (don't graph!).

6. $3x + 9 < 4x + 7$ 6. _____

7. $4x + 8 \leq 2(x - 6)$ 7. _____

8. $3(2 - x) > 9$ 8. _____

Solve.

9. $|3x - 6| = 21$ 9. _____

10. $|5x + 10| = 30$ 10. _____

11. $|3x + 2| - 1 = 9$ 11. _____

12. $|x| = -6$ 12. _____

13. $|x - 4| + 5 = 7$

13. _____

Which points are solutions of the inequality (a, b, both, or neither)?

14. $y - 2x \leq 6$ $a(-3, -1), b(2, 7)$

14. _____

15. $x - 2y \leq -1$ $a(3, 1), b(4, 2)$

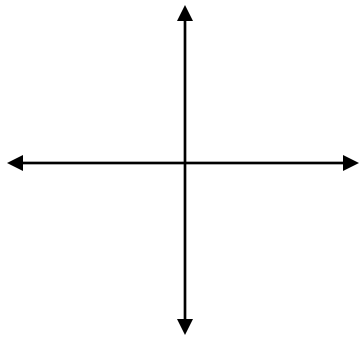
15. _____

16. $-2x + y > 0$ $a(-2, 3), b(2, -3)$

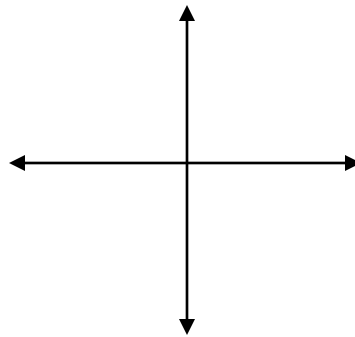
16. _____

Sketch the graph.

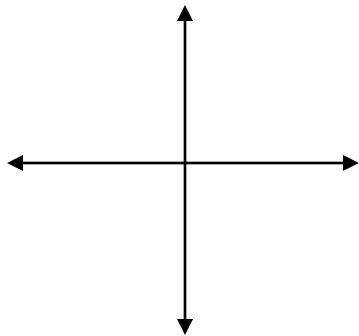
17. $x \geq 1$



18. $y > -3$



19. $x - y \leq 2$



20. $2y - 6x < -4$

