Name:

Algebra

Section 3.2

**Solve each inequality then graph the solution**

1. x/2 – 4 > -6 2. 2x + 1 > 7

3. 7 > 2x – 7 4. 3/2x – 7 < 2

5. -4 > 4 – x/2 6. -1 < 9 + 2/3x

7. 5 + x/3 < 6 8. 12 – 3/2x > 0

9. 0 > 6 – 2/3x 10. 5x < 4x + 6

11. 3x – 4 < 2x + 5 12. 4x – 5 < 5x + 7

13. 8 – 2x > 4 – x 14. 2(x – 4) < 6

15. 8 < 2(4 – x)