Name:

Algebra

Section 3.1

**Solve each inequality and graph the solution**

1. x – 2 > 7 2. 10 < x + 8

3. 6x < 24 4. 18 < 6x

5. -28 > -7x 6. x/2 > -10

7. 2 – x > 0 8. 3 < x/-2

9. x – 5 < 8 10. 6 < x + 1

11. 10x > 100 12. -8 > -2x

13. x/2 > 12 14. 2 < -x/3