Name:

Algebra

Section 9.6

**Graph each pair of inequalities and indicate the solution set of the system with shading**

1. y < 5 2. y < -4

 x > 1 x > 4

3. y > 3x 4. x > -2

 x < 1 y < 2x + 7

5. y < 4x + 4 6. y < 5x + 3

 y > -4x + 4 y > 5 – 5x

7. x + y > 5 8. x – y < 7

 x – 2y > 8 x – 3y > 15

9. 2x – 5y > 0

 x – 4y < -8