Name:

Algebra

Review (9.1 – 9.4)

**Solve each system by the graphing method**

1. 2x + y = 1 2. x – y = 4

 x + y = 3 2x + y = 2

3. 2y – x = 2

 y + x = 4

**Solve by the substitution method**

4. y = 4x – 1 5. 3x – y = -9

 x + y = 4 4x + y = -5

6. x – 3y = -5

 2x – 5y = -9

**Solve by the addition-or-subtraction method**

7. 2x + y = 3 8. 12m + 3n = 0

 x – y = 3 5m + 3n = 7

9. 2c + 3d = 3

 2c + d = -3

**Solve each system by using multiplication with the addition-or-subtraction method**

10. 3x + 2y = 2 11. 4x + 9y = 3

 -7x + y = -16 -7x + 3y = -24

12. 3a + 4b = 4

 2a – 3b = 14