

## 9.1 -9.3 Practice

Do Not Print This Out—Do your work on a separate piece of paper.

Graph. Classify and number the solutions:

1.  $y = 1/3x + 3$   
 $3x - y = 3$

2.  $y = -1/4x - 2$   
 $x + 4y = 2$

Use substitution to solve.

3.  $x = 16 - 4y$   
 $3x + 4y = 8$

4.  $11x - 7y = -14$   
 $x - 2y = -4$

5.  $20x - 30y = -50$   
 $x + 2y = 1$

6.  $x + 1/3y = -2$   
 $-8x - 2/3y = 4$

Use elimination to solve.

7.  $-8y + 6x = 36$   
 $6x - y = 15$

8.  $2x - y = -11$   
 $y = -2x - 13$

9.  $2x + y = 10$   
 $9y = 6x + 18$