

Name \_\_\_\_\_

## Solving Systems of Equations Mixed Practice Worksheet 1

Solve each system of equations.

1.  $4x + 5y = 23$   
 $9x - 5y = -62$

2.  $x + 4y = 25$   
 $3x - 6y = -33$

3.  $8y = 72$   
 $8x + 2y = 10$

4.  $y = 3x - 21$   
 $y = -2x + 19$

5.  $y = 5x - 1$   
 $-3x + 4y = 13$

6. Is  $(3, -7)$  a solution?  $y = 2x - 13$   
 $x - y = 10$