MORE PRACTICE: Solving Systems of Equations

Write each system of equations in matrix form.

1. $3x + 6y = 10$
   $2x - 5y = 8$

2. $4x - 4y = 11$
   $3x + 2y = 19$

3. $y = 2x + 7$
   $y = 15$

Solve each system of equations using matrices.

5. $4x - y = 1$
   $2x + 3y = 11$

6. $x - y = 3$
   $2x + y = 12$

7. $-x + 4y = 5$
   $2x - 3y = 0$

8. $x + 5y = 8$
   $-4x + 5y = -7$

9. $3x + 4y = 10$
   $2x + 5y = 9$

10. $y = x + 1$
    $2y = -x - 10$