

MORE PRACTICE: Solving Systems of Equations

Write each system of equations in matrix form.

1.
$$\begin{cases} 3x + 6y = 10 \\ 2x - 5y = 8 \end{cases}$$

2.
$$\begin{cases} 4x - 4y = 11 \\ 3x + 2y = 19 \end{cases}$$

3.
$$\begin{cases} y = 2x + 7 \\ y = 15 \end{cases}$$

Solve each system of equations using matrices.

5.
$$\begin{cases} 4x - y = 1 \\ 2x + 3y = 11 \end{cases}$$

6.
$$\begin{cases} x - y = 3 \\ 2x + y = 12 \end{cases}$$

7.
$$\begin{cases} -x + 4y = 5 \\ 2x - 3y = 0 \end{cases}$$

8.
$$\begin{cases} x + 5y = 8 \\ -4x + 5y = -7 \end{cases}$$

9.
$$\begin{cases} 3x + 4y = 10 \\ 2x + 5y = 9 \end{cases}$$

10.
$$\begin{cases} y = x + 1 \\ 2y = -x - 10 \end{cases}$$

