Solving Systems of Linear Equations Practice

Name_____ Date_____

Solve algebraically (using substitution or elimination).

1. $\begin{aligned} 2x &= 8 \\ x + y &= 2 \end{aligned}$

2. $\begin{aligned} -x + 4y &= 10 \\ x - 3y &= 11 \end{aligned}$

3. $\begin{aligned} 4x - 2y &= -6 \\ x + 3y &= 9 \end{aligned}$

4. $\begin{aligned} -4x + y &= -10 \\ 6x + 2y &= 22 \end{aligned}$

5. $\begin{aligned} 2x-3y&=1 \\ -2x+3y&=1 \end{aligned}$

6. $\begin{aligned} 7x+4y&=5 \\ x-6y&=-19 \end{aligned}$

7. $\begin{aligned} x+y&=6 \\ x-y&=12 \end{aligned}$

8. $\begin{aligned} -6x+2y&=-2 \\ -4x-y&=8 \end{aligned}$

9. $\begin{aligned} 21x+28y&=14 \\ 9x+12y&=6 \end{aligned}$

10. $\begin{aligned} 3x-5y&=-10 \\ -x+2y&=18 \end{aligned}$