Solving Systems of Linear Equations: Elimination Method
Jefferson Davis Learning Center, Sandra Peterson

Solve each system of linear equations by using the elimination method.

1. $\begin{cases} x+2y=11 \\ -4x+6y=-2 \end{cases}$

2. $\begin{cases} 4x+3y=-3 \\ 7x+y=-1 \end{cases}$

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

4. $\begin{cases} 2x+8y=12 \\ 7x-4y=14 \end{cases}$

5. $\begin{cases} 3x+5y=-6 \\ 5x+10y=-15 \end{cases}$

6. $\begin{cases} 2x+4y=10 \\ 7x+3y=13 \end{cases}$

7. $\begin{cases} 5x-2y=-14 \\ 3x+7y=8 \end{cases}$

8. $\begin{cases} 5x-2y=-8 \\ 8x+3y=12 \end{cases}$

Answers

1. $(5, 3)$
2. $(0, -1)$
3. $(2, -4)$
4. $(6, 0)$
5. $(3, -3)$
6. $(1, 2)$
7. $(-2, 2)$
8. $(0, 4)$

Please visit the Learning Lab for further assistance.