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

2. Solve $\begin{cases} 5x + 7y = 6 \\ 10x - 3y = 46 \end{cases}$

3.

Solve $\begin{cases} 3x + y - 2z = -12 \\ 2x + 2y - 3z = -12 \\ 5x + 3y + 2z = 4 \end{cases}$

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