$$\begin{cases} y \\ x + 3y + 10x = 31 \\ x + 4y + 12x = 39 \\ x + y + 6x = 14 \end{cases}$$

$$\begin{cases} 0 & 3 & 10 & 31 \\ 1 & 4 & 12 & 39 \\ 1 & 6 & 14 & 8 \\ 0 & 12 & 8 \\$$