

Solve each system of equations using the linear combinations method.

$$7. \begin{cases} 3x + 5y = 8 \\ 2x - 5y = 22 \end{cases}$$

$$9. \begin{cases} 10x - 6y = -6 \\ 5x - 5y = 5 \end{cases}$$

$$11. \begin{cases} 3x + 2y = 14 \\ 4x + 5y = 35 \end{cases}$$

$$13. \begin{cases} 1.5x + 1.2y = 0.6 \\ 0.8x - 0.2y = 2 \end{cases}$$