

5.

$$\begin{array}{l} 1. 5x + 3y = 39 \\ 2. 8x + 2y = 42 \end{array} \left\{ \begin{array}{l} \times 2 \\ \times 3 \end{array} \right.$$

↓

$$\begin{array}{l} 1. 10x + 6y = 78 \\ 2. 24x - 6y = 126 \end{array} \rightarrow \text{Add}$$

$$\begin{array}{r} 34x \quad \cancel{-6y} = 204 \\ \downarrow \div 34 \quad \quad \downarrow \div 34 \end{array}$$

$$x = 6$$

$$8x + 2y = 42$$

↓

$$\begin{array}{r} 48 + 2y = 42 \\ \downarrow -48 \quad \quad \downarrow -48 \end{array}$$

$$\begin{array}{r} 2y = -6 \\ \downarrow \div 2 \quad \quad \downarrow \div 2 \end{array}$$

$$y = \underline{\underline{-3}}$$