

23. ()・大きな数の連立方程式①

1 次の連立方程式を解きなさい。

$$\textcircled{1} \begin{cases} 2(x+1) + 3y = 18 \\ 4x - (x+2y) = -2 \end{cases}$$

$$\textcircled{2} \begin{cases} 4(x-2y) + 5y = -15 \\ 3y - (2x+y) = 8 \end{cases}$$

$$\textcircled{3} \begin{cases} 3(2x-y) + 4y = -26 \\ y = 2(x+5) + 4 \end{cases}$$

$$\textcircled{4} \begin{cases} 2(4x-y) + 16 = 3y \\ 3x = 5(x-y) + 19 \end{cases}$$

2 次の連立方程式を解きなさい。

$$\textcircled{1} \begin{cases} 300x + 100y = 600 \\ 100x + 200y = 700 \end{cases}$$

$$\textcircled{2} \begin{cases} 100x + 10y = -190 \\ 20x + 30y = -10 \end{cases}$$

$$\textcircled{3} \begin{cases} -30x + 20y = 130 \\ 100x = -100y + 400 \end{cases}$$

$$\textcircled{4} \begin{cases} 20x - 40y = 20 \\ 30x + 20y = 110 \end{cases}$$