

1 次の計算をなさい。

$$\textcircled{1} \quad \frac{7x+3y}{2} + \frac{4x+8y}{5}$$

$$\textcircled{2} \quad \frac{7x+5y}{4} + \frac{6x-9y}{7}$$

$$\textcircled{3} \quad \frac{2x+7y}{8} - \frac{5x+4y}{6}$$

$$\textcircled{4} \quad \frac{6x-3y}{5} + \frac{8x-4y}{9}$$

$$\textcircled{5} \quad \frac{5x+9y}{3} - \frac{4x-3y}{7}$$

$$\textcircled{6} \quad \frac{2x-5y}{9} - \frac{7x-9y}{4}$$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \frac{7x+3y}{2} + \frac{4x+8y}{5} \\ &= \frac{5(7x+3y) + 2(4x+8y)}{10} \\ &= \frac{35x+15y+8x+16y}{10} \\ &= \frac{43x+31y}{10} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{7x+5y}{4} + \frac{6x-9y}{7} \\ &= \frac{7(7x+5y) + 4(6x-9y)}{28} \\ &= \frac{49x+35y+24x-36y}{28} \\ &= \frac{73x-y}{28} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{2x+7y}{8} - \frac{5x+4y}{6} \\ &= \frac{3(2x+7y) - 4(5x+4y)}{24} \\ &= \frac{6x+21y-20x-16y}{24} \\ &= \frac{-14x+5y}{24} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{6x-3y}{5} + \frac{8x-4y}{9} \\ &= \frac{9(6x-3y) + 5(8x-4y)}{45} \\ &= \frac{54x-27y+40x-20y}{45} \\ &= \frac{94x-47y}{45} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{5x+9y}{3} - \frac{4x-3y}{7} \\ &= \frac{7(5x+9y) - 3(4x-3y)}{21} \\ &= \frac{35x+63y-12x+9y}{21} \\ &= \frac{23x+72y}{21} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & \frac{2x-5y}{9} - \frac{7x-9y}{4} \\ &= \frac{4(2x-5y) - 9(7x-9y)}{36} \\ &= \frac{8x-20y-63x+81y}{36} \\ &= \frac{-55x+61y}{36} \end{aligned}$$