

1 次の計算をなさい。

$$\textcircled{1} \quad \left(\frac{2}{3}x + \frac{1}{3}\right) + \left(\frac{2}{7}x + \frac{1}{4}\right)$$

$$\textcircled{2} \quad \left(-\frac{4}{7}x + \frac{5}{6}\right) + \left(\frac{2}{5}x - \frac{3}{4}\right)$$

$$\textcircled{3} \quad \left(\frac{1}{7}x - \frac{1}{5}\right) + \left(-\frac{2}{3}x - \frac{1}{2}\right)$$

$$\textcircled{4} \quad \left(-\frac{3}{8}x - \frac{6}{7}\right) + \left(\frac{1}{3}x - \frac{1}{6}\right)$$

$$\textcircled{5} \quad \left(-\frac{1}{3}x + \frac{3}{4}\right) + \left(\frac{1}{8}x + \frac{2}{5}\right)$$

$$\textcircled{6} \quad \left(-\frac{2}{5}x + \frac{2}{7}\right) + \left(-\frac{2}{8}x - \frac{1}{2}\right)$$

1 次の計算をなさい。

$$\begin{aligned}
 \textcircled{1} \quad & \left(\frac{2}{3}x + \frac{1}{3}\right) + \left(\frac{2}{7}x + \frac{1}{4}\right) \\
 &= \frac{2}{3}x + \frac{1}{3} + \frac{2}{7}x + \frac{1}{4} \\
 &= \frac{2}{3}x + \frac{2}{7}x + \frac{1}{3} + \frac{1}{4} \\
 &= \frac{14}{21}x + \frac{6}{21}x + \frac{4}{12} + \frac{3}{12} \\
 &= \frac{20}{21}x + \frac{7}{12}
 \end{aligned}$$

$$\begin{aligned}
 \textcircled{2} \quad & \left(-\frac{4}{7}x + \frac{5}{6}\right) + \left(\frac{2}{5}x - \frac{3}{4}\right) \\
 &= -\frac{4}{7}x + \frac{5}{6} + \frac{2}{5}x - \frac{3}{4} \\
 &= -\frac{4}{7}x + \frac{2}{5}x + \frac{5}{6} - \frac{3}{4} \\
 &= -\frac{20}{35}x + \frac{14}{35}x + \frac{10}{12} - \frac{9}{12} \\
 &= -\frac{6}{35}x + \frac{1}{12}
 \end{aligned}$$

$$\begin{aligned}
 \textcircled{3} \quad & \left(\frac{1}{7}x - \frac{1}{5}\right) + \left(-\frac{2}{3}x - \frac{1}{2}\right) \\
 &= \frac{1}{7}x - \frac{1}{5} - \frac{2}{3}x - \frac{1}{2} \\
 &= \frac{1}{7}x - \frac{2}{3}x - \frac{1}{5} - \frac{1}{2} \\
 &= \frac{3}{21}x - \frac{14}{21}x - \frac{2}{10} - \frac{5}{10} \\
 &= -\frac{11}{21}x - \frac{7}{10}
 \end{aligned}$$

$$\begin{aligned}
 \textcircled{4} \quad & \left(-\frac{3}{8}x - \frac{6}{7}\right) + \left(\frac{1}{3}x - \frac{1}{6}\right) \\
 &= -\frac{3}{8}x - \frac{6}{7} + \frac{1}{3}x - \frac{1}{6} \\
 &= -\frac{3}{8}x + \frac{1}{3}x - \frac{6}{7} - \frac{1}{6} \\
 &= -\frac{9}{24}x + \frac{8}{24}x - \frac{36}{42} - \frac{7}{42} \\
 &= -\frac{1}{24}x - \frac{43}{42}
 \end{aligned}$$

$$\begin{aligned}
 \textcircled{5} \quad & \left(-\frac{1}{3}x + \frac{3}{4}\right) + \left(\frac{1}{8}x + \frac{2}{5}\right) \\
 &= -\frac{1}{3}x + \frac{3}{4} + \frac{1}{8}x + \frac{2}{5} \\
 &= -\frac{1}{3}x + \frac{1}{8}x + \frac{3}{4} + \frac{2}{5} \\
 &= -\frac{8}{24}x + \frac{3}{24}x + \frac{15}{20} + \frac{8}{20} \\
 &= -\frac{5}{24}x + \frac{23}{20}
 \end{aligned}$$

$$\begin{aligned}
 \textcircled{6} \quad & \left(-\frac{2}{5}x + \frac{2}{7}\right) + \left(-\frac{2}{8}x - \frac{1}{2}\right) \\
 &= -\frac{2}{5}x + \frac{2}{7} - \frac{2}{8}x - \frac{1}{2} \\
 &= -\frac{2}{5}x - \frac{2}{8}x + \frac{2}{7} - \frac{1}{2} \\
 &= -\frac{16}{40}x - \frac{10}{40}x + \frac{4}{14} - \frac{7}{14} \\
 &= -\frac{26}{40}x - \frac{3}{14} = -\frac{13}{20}x - \frac{3}{14}
 \end{aligned}$$