

1 次の計算をなさい。

$$\textcircled{1} \quad \left(\frac{2}{3}x + \frac{2}{9}\right) + \left(\frac{1}{7}x + \frac{4}{5}\right)$$

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

$$\textcircled{3} \quad \left(\frac{4}{9}x - \frac{3}{8}\right) + \left(-\frac{1}{7}x - \frac{2}{5}\right)$$

$$\textcircled{4} \quad \left(-\frac{2}{5}x - \frac{2}{9}\right) + \left(\frac{4}{7}x - \frac{2}{3}\right)$$

$$\textcircled{5} \quad \left(-\frac{1}{3}x + \frac{1}{8}\right) + \left(\frac{4}{5}x + \frac{2}{9}\right)$$

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

1 次の計算をなさい。

$$\begin{aligned}
 \textcircled{1} \quad & \left(\frac{2}{3}x + \frac{2}{9}\right) + \left(\frac{1}{7}x + \frac{4}{5}\right) \\
 &= \frac{2}{3}x + \frac{2}{9} + \frac{1}{7}x + \frac{4}{5} \\
 &= \frac{2}{3}x + \frac{1}{7}x + \frac{2}{9} + \frac{4}{5} \\
 &= \frac{14}{21}x + \frac{3}{21}x + \frac{10}{45} + \frac{36}{45} \\
 &= \frac{17}{21}x + \frac{46}{45}
 \end{aligned}$$

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

$$\begin{aligned}
 \textcircled{3} \quad & \left(\frac{4}{9}x - \frac{3}{8}\right) + \left(-\frac{1}{7}x - \frac{2}{5}\right) \\
 &= \frac{4}{9}x - \frac{3}{8} - \frac{1}{7}x - \frac{2}{5} \\
 &= \frac{4}{9}x - \frac{1}{7}x - \frac{3}{8} - \frac{2}{5} \\
 &= \frac{28}{63}x - \frac{9}{63}x - \frac{15}{40} - \frac{16}{40} \\
 &= \frac{19}{63}x - \frac{31}{40}
 \end{aligned}$$

$$\begin{aligned}
 \textcircled{4} \quad & \left(-\frac{2}{5}x - \frac{2}{9}\right) + \left(\frac{4}{7}x - \frac{2}{3}\right) \\
 &= -\frac{2}{5}x - \frac{2}{9} + \frac{4}{7}x - \frac{2}{3} \\
 &= -\frac{2}{5}x + \frac{4}{7}x - \frac{2}{9} - \frac{2}{3} \\
 &= -\frac{14}{35}x + \frac{20}{35}x - \frac{2}{9} - \frac{6}{9} \\
 &= \frac{6}{35}x - \frac{8}{9}
 \end{aligned}$$

$$\begin{aligned}
 \textcircled{5} \quad & \left(-\frac{1}{3}x + \frac{1}{8}\right) + \left(\frac{4}{5}x + \frac{2}{9}\right) \\
 &= -\frac{1}{3}x + \frac{1}{8} + \frac{4}{5}x + \frac{2}{9} \\
 &= -\frac{1}{3}x + \frac{4}{5}x + \frac{1}{8} + \frac{2}{9} \\
 &= -\frac{5}{15}x + \frac{12}{15}x + \frac{9}{72} + \frac{16}{72} \\
 &= \frac{7}{15}x + \frac{25}{72}
 \end{aligned}$$

$$\begin{aligned}
 \textcircled{6} \quad & \left(-\frac{2}{5}x + \frac{2}{3}\right) + \left(-\frac{3}{4}x - \frac{4}{5}\right) \\
 &= -\frac{2}{5}x + \frac{2}{3} - \frac{3}{4}x - \frac{4}{5} \\
 &= -\frac{2}{5}x - \frac{3}{4}x + \frac{2}{3} - \frac{4}{5} \\
 &= -\frac{8}{20}x - \frac{15}{20}x + \frac{10}{15} - \frac{12}{15} \\
 &= -\frac{23}{20}x - \frac{2}{15}
 \end{aligned}$$