

1 次の計算をなさい。

$$\textcircled{1} \quad \left(-\frac{6}{7}\right) \div \frac{3}{4} \times \left(-\frac{1}{2}\right)$$

$$\textcircled{2} \quad \frac{2}{5} \times \left(-\frac{3}{8}\right) \div (-4)$$

$$\textcircled{3} \quad (-2) \div \frac{2}{5} \times \left(-\frac{3}{7}\right)$$

$$\textcircled{4} \quad \left(-\frac{5}{6}\right) \times \left(-\frac{3}{4}\right) \div \frac{4}{5}$$

$$\textcircled{5} \quad \frac{3}{7} \times \left(-\frac{1}{2}\right) \div \left(-\frac{6}{7}\right)$$

$$\textcircled{6} \quad \frac{3}{4} \div 5 \times \left(-\frac{1}{2}\right)$$

$$\textcircled{7} \quad \left(-\frac{1}{3}\right) \times \left(-\frac{2}{5}\right) \div \left(-\frac{4}{7}\right)$$

$$\textcircled{8} \quad \frac{1}{2} \times \frac{5}{9} \div (-3)$$

### 1 次の計算をなさい。

$$\begin{aligned}\textcircled{1} \quad & \left(-\frac{6}{7}\right) \div \frac{3}{4} \times \left(-\frac{1}{2}\right) \\ &= \left(-\frac{6}{7}\right) \times \frac{4}{3} \times \left(-\frac{1}{2}\right) \\ &= + \left(\frac{\overset{2}{\cancel{6}}}{7} \times \frac{\overset{2}{\cancel{4}}}{\underset{1}{\cancel{3}}} \times \frac{1}{\underset{1}{\cancel{2}}}\right) \\ &= \frac{4}{7}\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & \frac{2}{5} \times \left(-\frac{3}{8}\right) \div (-4) \\ &= \frac{2}{5} \times \left(-\frac{3}{8}\right) \times \left(-\frac{1}{4}\right) \\ &= + \left(\frac{\overset{1}{\cancel{2}}}{5} \times \frac{3}{8} \times \frac{1}{\underset{2}{\cancel{4}}}\right) \\ &= \frac{3}{80}\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & (-2) \div \frac{2}{5} \times \left(-\frac{3}{7}\right) \\ &= (-2) \times \frac{5}{2} \times \left(-\frac{3}{7}\right) \\ &= + \left(\frac{\overset{1}{\cancel{2}}}{\cancel{2}} \times \frac{5}{\underset{1}{\cancel{2}}} \times \frac{3}{7}\right) \\ &= \frac{15}{7} = 2\frac{1}{7}\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & \left(-\frac{5}{6}\right) \times \left(-\frac{3}{4}\right) \div \frac{4}{5} \\ &= \left(-\frac{5}{6}\right) \times \left(-\frac{3}{4}\right) \times \frac{5}{4} \\ &= + \left(\frac{5}{\underset{2}{\cancel{6}}} \times \frac{\overset{1}{\cancel{3}}}{4} \times \frac{5}{4}\right) \\ &= \frac{25}{32}\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & \frac{3}{7} \times \left(-\frac{1}{2}\right) \div \left(-\frac{6}{7}\right) \\ &= \frac{3}{7} \times \left(-\frac{1}{2}\right) \times \left(-\frac{7}{6}\right) \\ &= + \left(\frac{\overset{1}{\cancel{3}}}{\underset{1}{\cancel{7}}} \times \frac{1}{2} \times \frac{\overset{1}{\cancel{7}}}{\underset{2}{\cancel{6}}}\right) \\ &= \frac{1}{4}\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad & \frac{3}{4} \div 5 \times \left(-\frac{1}{2}\right) \\ &= \frac{3}{4} \times \frac{1}{5} \times \left(-\frac{1}{2}\right) \\ &= - \left(\frac{3}{4} \times \frac{1}{5} \times \frac{1}{2}\right) \\ &= -\frac{3}{40}\end{aligned}$$

$$\begin{aligned}\textcircled{7} \quad & \left(-\frac{1}{3}\right) \times \left(-\frac{2}{5}\right) \div \left(-\frac{4}{7}\right) \\ &= \left(-\frac{1}{3}\right) \times \left(-\frac{2}{5}\right) \times \left(-\frac{7}{4}\right) \\ &= - \left(\frac{1}{3} \times \frac{\overset{1}{\cancel{2}}}{5} \times \frac{7}{\underset{2}{\cancel{4}}}\right) \\ &= -\frac{7}{30}\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad & \frac{1}{2} \times \frac{5}{9} \div (-3) \\ &= \frac{1}{2} \times \frac{5}{9} \times \left(-\frac{1}{3}\right) \\ &= - \left(\frac{1}{2} \times \frac{5}{9} \times \frac{1}{3}\right) \\ &= -\frac{5}{54}\end{aligned}$$