

中1～第4回加法と減法の混じった計算～

氏名:

解答・解説

例1 次の計算をなさい。

$$\begin{aligned}(1) \quad & (+7) \ominus (-2) + (-5) \ominus (+8) \\ & = (+7) \oplus (+2) + (-5) \oplus (-8) \\ & = -4\end{aligned}$$

$$\begin{aligned}(2) \quad & \left(-\frac{2}{3}\right) + \left(-\frac{5}{6}\right) \ominus \left(+\frac{3}{4}\right) \ominus \left(-\frac{5}{12}\right) \\ & = \left(-\frac{2}{3}\right) + \left(-\frac{5}{6}\right) \oplus \left(-\frac{3}{4}\right) \oplus \left(+\frac{5}{12}\right) \\ & = \left(-\frac{8}{12}\right) + \left(-\frac{10}{12}\right) + \left(-\frac{9}{12}\right) + \left(+\frac{5}{12}\right) \\ & = -\frac{22}{12} \\ & = -\frac{11}{6}\end{aligned}$$

例2 次の計算をなさい。

$$\begin{aligned}(1) \quad & -8 + 1 \\ & = -7\end{aligned}$$

$$\begin{aligned}(2) \quad & 2 - 5 - 3 \\ & = -6\end{aligned}$$

$$\begin{aligned}(3) \quad & 3 - 7 + (-9) \\ & = 3 - 7 - 9 \\ & = -13\end{aligned}$$

$$\begin{aligned}(4) \quad & -5 - (-8) + 6 \\ & = -5 + 8 + 6 \\ & = 9\end{aligned}$$

$$\begin{aligned}(5) \quad & -\frac{3}{4} + \left(-\frac{1}{2}\right) - \left(-\frac{5}{8}\right) \\ & = -\frac{3}{4} - \frac{1}{2} + \frac{5}{8}\end{aligned}$$

$$\begin{aligned}(6) \quad & 4 - \{7 - (3 - 9)\} \quad \text{計算!} \\ & = 4 - \{7 - (-6)\} \\ & = 4 - (7 + 6) \\ & = 4 - 13 \quad \text{計算!} \\ & = -9\end{aligned}$$