

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 次の計算を下さい。

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

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

例2 次の計算を下さい。

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

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

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

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

$$\begin{aligned} (5) \quad & \left(-\frac{3}{4}\right) + \left(-\frac{1}{2}\right) - \left(-\frac{5}{8}\right) \\ & = \left(-\frac{3}{4}\right) + \left(-\frac{1}{2}\right) - \left(-\frac{5}{8}\right) \\ & = \left(-\frac{3}{4}\right) + \left(-\frac{1}{2}\right) + \left(+\frac{5}{8}\right) \\ & = \left(-\frac{6}{8}\right) + \left(-\frac{4}{8}\right) + \left(+\frac{5}{8}\right) \\ & = -\frac{5}{8} \end{aligned}$$