

中1～第9回四則混合計算①（計算の順序）～

氏名：

解答・解説

例題 次の計算をなさい。

$$\begin{aligned}(1) \quad & -5 + (-2^2 - 8) \div 4 \\ & = -5 + (-4 - 8) \div 4 \\ & = -5 + (-12) \div 4 \\ & = -5 + (-3) \\ & = -8\end{aligned}$$

$$\begin{aligned}(2) \quad & 20 - \{-2^3 - (3 - 7)\} \div 2 \\ & = 20 - \{-8 - (-4)\} \div 2 \\ & = 20 - (-8 + 4) \div 2 \\ & = 20 - (-4) \div 2 \\ & = 20 - (-2) \\ & = 20 + 2 \\ & = 22\end{aligned}$$

$$\begin{aligned}(3) \quad & \left(-\frac{3}{4}\right)^2 \div \left(\frac{1}{2} - \frac{1}{5}\right) \\ & = \frac{9}{16} \div \left(\frac{5}{10} - \frac{2}{10}\right) \\ & = \frac{9}{16} \div \frac{3}{10} \\ & = \frac{9^3}{16_4} \times \frac{10^5}{3_1} \\ & = \frac{15}{8}\end{aligned}$$