

四則混合の計算2

正負の数の計算

NO.1

学習日 月 日

名前

/8 点

◆ 次の計算をなさい。

$$\textcircled{1} \quad (-3)^2 \times \{ (-4) + (-2) \} - (-5)^2$$

$$\textcircled{2} \quad \{ (-6) - (-2)^3 \} \div (-2) + (-7)$$

$$\textcircled{3} \quad (-2)^3 + (-3)^2 \times (-4) - (-1)^{10}$$

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

$$\textcircled{5} \quad \left(-\frac{3}{4}\right)^2 \times (-8) - \frac{2}{3} \times (-12)$$

$$\textcircled{6} \quad (-5) \times \{ 3 - (-2)^2 \} + (-4)^2$$

$$\textcircled{7} \quad \frac{1}{3} + \left(-\frac{1}{2}\right)^2 \div \frac{5}{8}$$

$$\textcircled{8} \quad (-2)^4 - \{ (-3)^2 + (-1)^2 \} \times (-2)$$

解答

$$\textcircled{1} \quad 9 \times (-6) - 25 = -54 - 25 = -79$$

$$\begin{aligned}\textcircled{2} \quad & \{ (-6) - (-8) \} \div (-2) + (-7) \\ &= 2 \div (-2) + (-7) \\ &= -1 + (-7) = -8\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & (-8) + 9 \times (-4) - 1 \\ &= (-8) + (-36) - 1 = -45\end{aligned}$$

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

$$\textcircled{5} \quad \frac{9}{16} \times (-8) - (-8) = -\frac{9}{2} + \frac{16}{2} = \frac{7}{2}$$

$$\begin{aligned}\textcircled{6} \quad & (-5) \times (3 - 4) + 16 \\ &= -5 \times (-1) + 16 = 5 + 16 = 21\end{aligned}$$

$$\textcircled{7} \quad \frac{1}{3} + \frac{1}{4} \times \frac{8}{5} = \frac{1}{3} + \frac{2}{5} = \frac{5}{15} + \frac{6}{15} = \frac{11}{15}$$

$$\begin{aligned}\textcircled{8} \quad & 16 - \{ 9 + (-1) \} \times (-2) \\ &= 16 - 8 \times (-2) = 16 - (-16) = 32\end{aligned}$$