

四則混合の計算2

正負の数の計算

NO.2

学習日 月 日

名前

/8 点

◆ 次の計算をなさい。

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

② $\{(-5) - (-2)^2\} \times (-3) + 7$

③ $(-1)^5 + (-3)^2 \times (-2) - (-8)$

④ $\frac{3}{4} \times (-8) - \frac{5}{8} \div \left(-\frac{5}{12}\right)$

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

⑥ $(-6) + \{(-2)^3 - (-5)\} \times (-1)$

⑦ $\frac{1}{6} + \left(-\frac{1}{2}\right)^3 \div \frac{3}{4}$

⑧ $(-4)^2 - \{(-1)^6 + (-3)^2\} \times (-2)$

解答

$$\textcircled{1} \quad 4 \times 8 - 16 = 32 - 16 = 16$$

$$\begin{aligned} \textcircled{2} \quad & \{ (-5) - 4 \} \times (-3) + 7 \\ & = -9 \times (-3) + 7 = 27 + 7 = 34 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & (-1) + 9 \times (-2) - (-8) \\ & = (-1) + (-18) + 8 = -11 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & -6 - \frac{5}{8} \times \left(-\frac{12}{5}\right) \\ & = -6 - \left(-\frac{3}{2}\right) = -\frac{12}{2} + \frac{3}{2} = \frac{9}{2} \end{aligned}$$

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

$$\begin{aligned} \textcircled{6} \quad & (-6) + (-8 + 5) \times (-1) \\ & = -6 + (-3) + (-1) = -6 + 3 = -3 \end{aligned}$$

$$\textcircled{7} \quad \frac{1}{6} + \left(-\frac{1}{8}\right) \times \frac{4}{3} = \frac{1}{6} - \frac{1}{6} = 0$$

$$\begin{aligned} \textcircled{8} \quad & 16 - \{ 1 + 9 \} \times (-2) \\ & = 16 - 10 \times (-2) = 16 - (-20) = 36 \end{aligned}$$