

第16回 正の数・負の数の四則混合 演習編2

解答

$$\begin{aligned} \textcircled{1} \quad & 3 \times (-2) - (-3) \times (-4) \\ & = -6 - (+12) = -6 - 12 = -18 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & -4 \times (-2) + 5 \times (-6) \\ & = +8 + (-30) = +8 - 30 = -22 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & -30 \div 6 - 4 \times 3 - 9 \div (-3) \\ & = -5 - 12 + 3 = -14 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & -5^2 - 2 \times (-5)^2 \\ & = -25 - 50 = -75 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & -1^6 \times 4 + 2^2 \times (-3)^2 \\ & = -4 + 36 = 32 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 2^3 \times \{-6 \div (-3 + 2)\} - 3^2 \\ & = 8 \times \{-6 \div (-1)\} - 9 = 8 \times (+6) - 9 = 48 - 9 = 39 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & \left(-\frac{2}{3} + \frac{5}{6} - \frac{1}{2}\right) \times (-12) \\ & = -\frac{2}{3} \times (-12) + \frac{5}{6} \times (-12) + \frac{1}{2} \times (-12) = +8 - 10 + 6 = 4 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 2^3 \times 1.3 - 3^2 \times 1.3 + 1.3 \\ & = (2^3 - 3^2 + 1) \times 1.3 = (8 - 9 + 1) \times 1.3 = 0 \end{aligned}$$