

第15回 正の数・負の数の四則混合 演習編1

解答

$$\begin{aligned} \textcircled{1} \quad & 15 - (-3) \times 5 \\ & = 15 - (-15) = 15 + 15 = 30 \end{aligned}$$

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

$$\begin{aligned} \textcircled{3} \quad & -32 \div 8 - 4 \times 6 + 5 \\ & = -4 - 24 + 5 = -23 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & (-2)^3 \div 4 - 3 \times (-4) \\ & = (-8) \div 4 - (-12) = -2 + 12 = +10 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & -6 - (-4)^3 \div (-4^2) \\ & = -6 - \frac{4 \times 4 \times 4}{4 \times 4} = -6 - 4 = -10 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & \{5 - (11 - 3)\} \times 2 \\ & = (5 - 8) \times 2 = (-3) \times 2 = -6 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 2 \times \{-6 + (-7 + 2)\} - 10 \\ & = 2 \times \{-6 + (-5)\} - 10 = 2 \times (-6 - 5) - 10 = 2 \times (-11) - 10 \\ & = -22 - 10 = -32 \end{aligned}$$

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

$$\begin{aligned} \textcircled{9} \quad & 3^2 \times 8.1 - 2^3 \times 8.1 \\ & = (3^2 - 2^3) \times 8.1 = (9 - 8) \times 8.1 = 1 \times 8.1 = 8.1 \end{aligned}$$