

反射テスト 計算 正負の加減 いろいろ 02

1. 次の計算をせよ。(S級 35秒, A級 1分, B級 1分40秒, C級 3分)

(1) $-58 + 22$

(2) $\frac{2}{3} - 1$

(3) $-100 - (-54)$

(4) $-5000 + (-3000)$

(5) $\frac{12}{5} + \left(-\frac{17}{5}\right)$

(6) $1.8 - (-2.4)$

(7) $-3.5 - 3.8 - 2.7$

(8) $307 + (-307)$

(9) $0.41 - 1$

(10) $-\frac{1}{6} + \frac{2}{3}$

2. 次の計算をせよ。(S級35秒, A級1分, B級1分40秒, C級3分)

(1) $-48 + 23$

(2) $\frac{2}{5} - 1$

(3) $-100 - (-28)$

(4) $-9000 + (-5000)$

(5) $\frac{12}{7} + \left(-\frac{26}{7}\right)$

(6) $1.4 - (-2.3)$

(7) $-3.8 - 4.3 - 2.9$

(8) $401 + (-401)$

(9) $0.81 - 1$

(10) $-\frac{5}{12} + \frac{3}{4}$

反射テスト 計算 正負の加減 いろいろ 02 解答解説

1. 次の計算をせよ。(S級 35秒, A級 1分, B級 1分40秒, C級 3分)

$$\begin{aligned}(1) \quad & -58 + 22 \\ & = -36\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{2}{3} - 1 \\ & = \frac{2}{3} - \frac{3}{3} \\ & = -\frac{1}{3}\end{aligned}$$

$$\begin{aligned}(3) \quad & -100 - (-54) \\ & = -100 + 54 \\ & = -46\end{aligned}$$

$$\begin{aligned}(4) \quad & -5000 + (-3000) \\ & = -5000 - 3000 \\ & = -8000\end{aligned}$$

$$\begin{aligned}(5) \quad & \frac{12}{5} + \left(-\frac{17}{5}\right) \\ & = \frac{12}{5} - \frac{17}{5} \\ & = -\frac{5}{5} \\ & = -1\end{aligned}$$

$$\begin{aligned}(6) \quad & 1.8 - (-2.4) \\ & = 1.8 + 2.4 \\ & = +4.2\end{aligned}$$

$$\begin{aligned}(7) \quad & -3.5 - 3.8 - 2.7 \\ & = -7.3 - 2.7 \\ & = -10\end{aligned}$$

$$\begin{aligned}(8) \quad & 307 + (-307) \\ & = 307 - 307 \\ & = 0\end{aligned}$$

$$\begin{aligned}(9) \quad & 0.41 - 1 \\ & = -0.59\end{aligned}$$

$$\begin{aligned}(10) \quad & -\frac{1}{6} + \frac{2}{3} \\ & = -\frac{1}{6} + \frac{4}{6} \\ & = +\frac{3}{6} \\ & = +\frac{1}{2}\end{aligned}$$

2. 次の計算をせよ。(S級35秒, A級1分, B級1分40秒, C級3分)

$$\begin{aligned}(1) \quad & -48 + 23 \\ & = -25\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{2}{5} - 1 \\ & = \frac{2}{5} - \frac{5}{5} \\ & = -\frac{3}{5}\end{aligned}$$

$$\begin{aligned}(3) \quad & -100 - (-28) \\ & = -100 + 28 \\ & = -72\end{aligned}$$

$$\begin{aligned}(4) \quad & -9000 + (-5000) \\ & = -9000 - 5000 \\ & = -14000\end{aligned}$$

$$\begin{aligned}(5) \quad & \frac{12}{7} + \left(-\frac{26}{7}\right) \\ & = \frac{12}{7} - \frac{26}{7} \\ & = -\frac{14}{7} \\ & = -2\end{aligned}$$

$$\begin{aligned}(6) \quad & 1.4 - (-2.3) \\ & = 1.4 + 2.3 \\ & = 3.7\end{aligned}$$

$$\begin{aligned}(7) \quad & -3.8 - 4.3 - 2.9 \\ & = -8.1 - 2.9 \\ & = -11\end{aligned}$$

$$\begin{aligned}(8) \quad & 401 + (-401) \\ & = 401 - 401 \\ & = 0\end{aligned}$$

$$\begin{aligned}(9) \quad & 0.81 - 1 \\ & = -0.19\end{aligned}$$

$$\begin{aligned}(10) \quad & -\frac{5}{12} + \frac{3}{4} \\ & = -\frac{5}{12} + \frac{9}{12} \\ & = +\frac{4}{12} \\ & = +\frac{1}{3}\end{aligned}$$