

正負の数計算まとめ3

名前

/ 11 点

◇ 次の計算をなさい。

① $-8 + 5$

② $8 + 2 \times (-3)$

③ -9×6

④ $10 \div 2 - 8$

⑤ $-\frac{1}{5} + \frac{1}{3}$

⑥ $-\frac{5}{3} \div \left(-\frac{9}{10}\right)$

⑦ $(-3)^2 + 25 \div (-5)$

⑧ $-3^2 \times 4 - (-3)^2$

⑨ $\frac{2}{3} - \frac{5}{6} - \frac{1}{2} + \frac{1}{4}$

⑩ $-3 - \{7 - (-2) \times 2\}$

⑪ $\left(-\frac{1}{3}\right)^2 - \frac{5}{6} \times \left(-\frac{2}{5}\right)$

解答

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

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

$$\begin{aligned} \textcircled{3} \quad & -9 \times 6 \\ & = -54 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 10 \div 2 - 8 \\ & = 5 - 8 \\ & = -3 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & -\frac{1}{5} + \frac{1}{3} \\ & = -\frac{3}{15} + \frac{5}{15} = \frac{2}{15} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -\frac{5}{3} \div \left(-\frac{9}{10}\right) \\ & = -\frac{5}{3} \times \left(-\frac{10}{9}\right) = \frac{50}{27} \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & (-3)^2 + 25 \div (-5) \\ & = 9 + (-5) \\ & = 4 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & -3^2 \times 4 - (-3)^2 \\ & = -9 \times 4 - 9 = -36 - 9 = -45 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & \frac{2}{3} - \frac{5}{6} - \frac{1}{2} + \frac{1}{4} \\ & = \frac{8}{12} - \frac{10}{12} - \frac{6}{12} + \frac{3}{12} = -\frac{5}{12} \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & -3 - \{7 - (-2) \times 2\} \\ & = -3 - \{7 - (-4)\} = -3 - 11 \\ & = -14 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & \left(-\frac{1}{3}\right)^2 - \frac{5}{6} \times \left(-\frac{2}{5}\right) \\ & = \frac{1}{9} - \left(-\frac{1}{3}\right) = \frac{1}{9} + \frac{3}{9} = \frac{4}{9} \end{aligned}$$