

中1	学習日	単元：正負の数	氏名	得点
数学	/	正負の数の計算のまとめ③		/11

□ 次の計算をしなさい。

①  $-8+5$

②  $8+2\times(-3)$

③  $-9\times 6$

④  $10\div 2-8$

⑤  $-\frac{1}{5}+\frac{1}{3}$

⑥  $-\frac{5}{3}\div(-\frac{9}{10})$

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

□ 次の計算をなさい。

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

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

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

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

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

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

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

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

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

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

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