

| 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① |    | /4 |

□ 次の計算をなさい。

①  $-4 - (-11)$

②  $7 - 2 \times (-5)$

③  $2 - 5 \times (3 - 7)$

④  $-\frac{4}{7} + (-\frac{2}{7})$

⑤  $(-1)^{100}$

⑥  $-27 \div 9 + 5 \times (-4)$

⑦  $-84 \div \{8 - (-6)\}$

⑧  $10 - 8 \times (-\frac{1}{2})$

⑨  $(-2)^3 - 4 \times (-3^2)$

⑩  $\frac{5}{4} \times (-\frac{2}{15}) \div (\frac{4}{9})$

□ 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & -4 - (-11) \\ & = -4 + 11 \\ & = 7 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 7 - 2 \times (-5) \\ & = 7 + 10 \\ & = 17 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 2 - 5 \times (3 - 7) \\ & = 2 - 5 \times (-4) \\ & = 2 + 20 = 22 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & -\frac{4}{7} + \left(-\frac{2}{7}\right) \\ & = -\frac{4}{7} - \frac{2}{7} \\ & = -\frac{6}{7} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & (-1)^{100} = 1 \\ & \text{※ } -1 \text{ の累乗は偶数乗は } +1 \\ & \text{奇数乗は } -1 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -27 \div 9 + 5 \times (-4) \\ & = -3 - 20 \\ & = -23 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & -84 \div \{8 - (-6)\} \\ & = -84 \div 14 \\ & = -6 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 10 - 8 \times \left(-\frac{1}{2}\right) \\ & = 10 + 4 \\ & = 14 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & (-2)^3 - 4 \times (-3^2) \\ & = -8 - 4 \times (-9) \\ & = -8 + 36 \\ & = 28 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & \frac{5}{4} \times \left(-\frac{2}{15}\right) \div \left(\frac{4}{9}\right) \\ & = \frac{5}{4} \times \left(-\frac{2}{15}\right) \times \frac{9}{4} \\ & = -\frac{3}{8} \end{aligned}$$