

正負の数の加減法4-2

名前

/10 点

1. 次の計算をしなさい。

(1) $(-7) + (+4) + (-2) + (-5) + (+9)$

(2) $-10 - 4 + 5$

(3) $-3 + 6 - (-1)$

(4) $4 - 8 + 3 - 9$

(5) $-10 - 3 + 5 + 16 - 4$

(6) $-18 + 3 + (-16) - (-25)$

(7) $-1 + (-3.1) + 4.5 - (-3)$

(8) $-17 - (-25) + (-14) + 5$

(9) $\frac{1}{4} + \frac{1}{2} - \frac{1}{12}$

(10) $\frac{3}{5} - \frac{3}{2} + \frac{3}{10} - \frac{1}{4}$

解答

$$\begin{aligned} & (1) (-7) + (+4) + (-2) + (-5) + (+9) \\ &= (4 + 9) - (7 + 2 + 5) \\ &= 13 - 14 = -1 \end{aligned}$$

$$\begin{aligned} & (2) -10 - 4 + 5 \\ &= -14 + 5 = -9 \end{aligned}$$

$$\begin{aligned} & (3) -3 + 6 - (-1) \\ &= -3 + (6 + 1) \\ &= -3 + 7 = 4 \end{aligned}$$

$$\begin{aligned} & (4) 4 - 8 + 3 - 9 \\ &= 7 - 17 = -10 \end{aligned}$$

$$\begin{aligned} & (5) -10 - 3 + 5 + 16 - 4 \\ &= 21 - 17 = 4 \end{aligned}$$

$$\begin{aligned} & (6) -18 + 3 + (-16) - (-25) \\ &= -18 + 3 - 16 + 25 \\ &= 28 - 34 = -6 \end{aligned}$$

$$\begin{aligned} & (7) -1 + (-3.1) + 4.5 - (-3) = \\ &= -1 - 3.1 + 4.5 + 3 \\ &= 7.5 - 4.1 = 3.4 \end{aligned}$$

$$\begin{aligned} & (8) -17 - (-25) + (-14) + 5 \\ &= -17 + 25 - 14 + 5 \\ &= 30 - 31 = -1 \end{aligned}$$

$$\begin{aligned} & (9) \frac{1}{4} + \frac{1}{2} - \frac{1}{12} \\ &= \frac{3}{12} + \frac{6}{12} - \frac{1}{12} \\ &= \frac{9}{12} - \frac{1}{12} = \frac{8}{12} = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} & (10) \frac{3}{5} - \frac{3}{2} + \frac{3}{10} - \frac{1}{4} \\ &= \frac{12}{20} + \frac{6}{20} - \frac{30}{20} - \frac{5}{20} \\ &= \frac{18}{20} - \frac{35}{20} = -\frac{17}{20} \end{aligned}$$