

確認問題

正負の数のたし算，ひき算

1 次の計算をなさい。

(1) $-2 + (-8)$

$$\begin{array}{l} \text{共通の符号} \swarrow \searrow \\ = (-2) + (-8) = -(2+8) \\ \text{絶対値の和} \nearrow \\ = -10 \end{array}$$

(2) $-9 + (+4)$

$$\begin{array}{l} \text{絶対値が大きい方の符号} \swarrow \searrow \\ = (-9) + (+4) = -(9-4) \\ \text{絶対値の差} \nearrow \\ = -5 \end{array}$$

ふりかえろう！

2ページ

(3) $6 + (-1)$

$$\begin{array}{l} \text{絶対値が大きい方の符号} \swarrow \searrow \\ = (+6) + (-1) = +(6-1) \\ \text{絶対値の差} \nearrow \\ = 5 \end{array}$$

(4) $-2 + 7$

$$\begin{array}{l} \text{絶対値が大きい方の符号} \swarrow \searrow \\ = (-2) + (+7) = +(7-2) \\ \text{絶対値の差} \nearrow \\ = 5 \end{array}$$

(5) $6 + (-9)$

$$\begin{array}{l} \text{絶対値が大きい方の符号} \swarrow \searrow \\ = (+6) + (-9) = -(9-6) \\ \text{絶対値の差} \nearrow \\ = -3 \end{array}$$

(6) $-12 + 12$

$$\begin{array}{l} = (-12) + (+12) \\ = 0 \end{array} \quad \leftarrow \text{絶対値が等しい}$$

2 次の計算をなさい。

(1) $5 \square (+7)$

$$\begin{array}{l} = (+5) \oplus (\square 7) \\ = -(7-5) \\ = -2 \end{array}$$

(2) $4 \square (\square 8)$

$$\begin{array}{l} = (+4) \oplus (\oplus 8) \\ = +(4+8) \\ = 12 \end{array}$$

ふりかえろう！

3ページ

(3) $-4 \square (\square 7)$

$$\begin{array}{l} = (-4) \oplus (\oplus 7) \\ = +(7-4) \\ = 3 \end{array}$$

(4) $-11 \square (\oplus 5)$

$$\begin{array}{l} = (-11) \oplus (\square 5) \\ = -(11+5) \\ = -16 \end{array}$$

(5) $0 \square (\square 8)$

$$\begin{array}{l} = 0 \oplus (\oplus 8) \\ = 8 \end{array}$$

(6) $-8 - 6$

$$\begin{array}{l} = (-8) \square (\oplus 6) \\ = (-8) \oplus (\square 6) \\ = -(8+6) \\ = -14 \end{array}$$