

累乗の和の計算

名前 _____

月 日 _____

分 秒 _____

(1) $-2^4 + (-2)^4$

(2) $-(-1)^4 - (-1)^4$

(3) $(-5)^2 + 4^3$

(4) $-3^3 - (-5)^3$

(5) $1^5 + 5^2$

(6) $-(-6)^3 + (-5)^3$

(7) $6^2 - 3^3$

(8) $(-1)^9 - 2^6$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -2^4 + (-2)^4 &= -16 + 16 \\ &= 0\end{aligned}$$

$$\begin{aligned}(2) \quad -(-1)^4 - (-1)^4 &= -1 - 1 \\ &= -2\end{aligned}$$

$$\begin{aligned}(3) \quad (-5)^2 + 4^3 &= 25 + 64 \\ &= 89\end{aligned}$$

$$\begin{aligned}(4) \quad -3^3 - (-5)^3 &= -27 - (-125) \\ &= -27 + 125 \\ &= 98\end{aligned}$$

$$\begin{aligned}(5) \quad 1^5 + 5^2 &= 1 + 25 \\ &= 26\end{aligned}$$

$$\begin{aligned}(6) \quad -(-6)^3 + (-5)^3 &= -(-216) + (-125) \\ &= 216 - 125 \\ &= 91\end{aligned}$$

$$\begin{aligned}(7) \quad 6^2 - 3^3 &= 36 - 27 \\ &= 9\end{aligned}$$

$$\begin{aligned}(8) \quad (-1)^9 - 2^6 &= (-1) - 64 \\ &= -1 - 64 \\ &= -65\end{aligned}$$