

累乗の和の計算

名前

月 日

分 秒

(1) $-(-3)^4 + (-3)^5$

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

(3) $-1^4 - (-6)^2$

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

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

(6) $1^8 + 1^4$

(7) $(-6)^2 - 5^3$

(8) $2^5 - 1^4$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -(-3)^4 + (-3)^5 &= -81 + (-243) \\ &= -81 - 243 \\ &= -324\end{aligned}$$

$$\begin{aligned}(2) \quad (-5)^3 - (-3)^5 &= (-125) - (-243) \\ &= -125 + 243 \\ &= 118\end{aligned}$$

$$\begin{aligned}(3) \quad -1^4 - (-6)^2 &= -1 - 36 \\ &= -37\end{aligned}$$

$$\begin{aligned}(4) \quad -(-5)^3 + 4^3 &= -(-125) + 64 \\ &= 125 + 64 \\ &= 189\end{aligned}$$

$$\begin{aligned}(5) \quad -3^3 + (-2)^4 &= -27 + 16 \\ &= -11\end{aligned}$$

$$\begin{aligned}(6) \quad 1^8 + 1^4 &= 1 + 1 \\ &= 2\end{aligned}$$

$$\begin{aligned}(7) \quad (-6)^2 - 5^3 &= 36 - 125 \\ &= -89\end{aligned}$$

$$\begin{aligned}(8) \quad 2^5 - 1^4 &= 32 - 1 \\ &= 31\end{aligned}$$