

累乗の和の計算

名前

月 日

分 秒

(1) $3^4 + 4^2$

(2) $5^3 + 6^3$

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

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

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

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

(7) $-(-5)^3 + (-1)^3$

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad 3^4 + 4^2 &= 81 + 16 \\ &= 97\end{aligned}$$

$$\begin{aligned}(2) \quad 5^3 + 6^3 &= 125 + 216 \\ &= 341\end{aligned}$$

$$\begin{aligned}(3) \quad -1^3 - 5^3 &= -1 - 125 \\ &= -126\end{aligned}$$

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

$$\begin{aligned}(5) \quad -(-4)^2 - (-4)^3 &= -16 - (-64) \\ &= -16 + 64 \\ &= 48\end{aligned}$$

$$\begin{aligned}(6) \quad (-3)^3 - 3^4 &= (-27) - 81 \\ &= -27 - 81 \\ &= -108\end{aligned}$$

$$\begin{aligned}(7) \quad -(-5)^3 + (-1)^3 &= -(-125) + (-1) \\ &= 125 - 1 \\ &= 124\end{aligned}$$

$$\begin{aligned}(8) \quad (-1)^4 - (-1)^8 &= 1 - 1 \\ &= 0\end{aligned}$$