

累乗の和の計算

名前

月 日

分 秒

(1) $-4^3 + (-5)^2$

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

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

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

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

(6) $1^4 - (-2)^5$

(7) $(-3)^4 - (-3)^2$

(8) $(-1)^3 + 1^4$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -4^3 + (-5)^2 &= -64 + 25 \\ &= -39\end{aligned}$$

$$\begin{aligned}(2) \quad -2^2 + 5^3 &= -4 + 125 \\ &= 121\end{aligned}$$

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

$$\begin{aligned}(4) \quad -(-4)^3 - 2^6 &= -(-64) - 64 \\ &= 64 - 64 \\ &= 0\end{aligned}$$

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

$$\begin{aligned}(6) \quad 1^4 - (-2)^5 &= 1 - (-32) \\ &= 1 + 32 \\ &= 33\end{aligned}$$

$$\begin{aligned}(7) \quad (-3)^4 - (-3)^2 &= 81 - 9 \\ &= 72\end{aligned}$$

$$\begin{aligned}(8) \quad (-1)^3 + 1^4 &= (-1) + 1 \\ &= -1 + 1 \\ &= 0\end{aligned}$$