

累乗の和の計算

名前

月 日

分 秒

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

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

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

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

(5) $5^2 + 1^6$

(6) $-1^8 - 1^5$

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

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -(-4)^3 - 3^4 &= -(-64) - 81 \\ &= 64 - 81 \\ &= -17\end{aligned}$$

$$\begin{aligned}(2) \quad (-5)^2 + 6^3 &= 25 + 216 \\ &= 241\end{aligned}$$

$$\begin{aligned}(3) \quad -4^3 + (-6)^2 &= -64 + 36 \\ &= -28\end{aligned}$$

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

$$\begin{aligned}(5) \quad 5^2 + 1^6 &= 25 + 1 \\ &= 26\end{aligned}$$

$$\begin{aligned}(6) \quad -1^8 - 1^5 &= -1 - 1 \\ &= -2\end{aligned}$$

$$\begin{aligned}(7) \quad (-2)^5 - (-3)^3 &= (-32) - (-27) \\ &= -32 + 27 \\ &= -5\end{aligned}$$

$$\begin{aligned}(8) \quad -(-5)^2 - (-2)^4 &= -25 - 16 \\ &= -41\end{aligned}$$