

累乗の和の計算

名前

月 日

分 秒

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

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

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

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

(5) $-(-3)^5 + 1^6$

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

(7) $(-2)^4 - (-2)^5$

(8) $-4^3 + (-5)^2$

累乗の和の計算（解答）

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

$$\begin{aligned}(2) \quad (-4)^3 + 2^7 &= (-64) + 128 \\ &= -64 + 128 \\ &= 64\end{aligned}$$

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

$$\begin{aligned}(4) \quad 6^2 - 6^2 &= 36 - 36 \\ &= 0\end{aligned}$$

$$\begin{aligned}(5) \quad -(-3)^5 + 1^6 &= -(-243) + 1 \\ &= 243 + 1 \\ &= 244\end{aligned}$$

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

$$\begin{aligned}(7) \quad (-2)^4 - (-2)^5 &= 16 - (-32) \\ &= 16 + 32 \\ &= 48\end{aligned}$$

$$\begin{aligned}(8) \quad -4^3 + (-5)^2 &= -64 + 25 \\ &= -39\end{aligned}$$