

累乗の和の計算

名前

月 日

分 秒

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

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

(3) $1^4 - (-1)^7$

(4) $-(-5)^3 + 2^7$

(5) $(-3)^4 + (-6)^3$

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

(7) $-1^2 + 5^2$

(8) $-1^9 - 6^3$

累乗の和の計算（解答）

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

$$\begin{aligned}(2) \quad (-5)^3 + (-4)^2 &= (-125) + 16 \\ &= -125 + 16 \\ &= -109\end{aligned}$$

$$\begin{aligned}(3) \quad 1^4 - (-1)^7 &= 1 - (-1) \\ &= 1 + 1 \\ &= 2\end{aligned}$$

$$\begin{aligned}(4) \quad -(-5)^3 + 2^7 &= -(-125) + 128 \\ &= 125 + 128 \\ &= 253\end{aligned}$$

$$\begin{aligned}(5) \quad (-3)^4 + (-6)^3 &= 81 + (-216) \\ &= 81 - 216 \\ &= -135\end{aligned}$$

$$\begin{aligned}(6) \quad -(-3)^2 - 5^2 &= -9 - 25 \\ &= -34\end{aligned}$$

$$\begin{aligned}(7) \quad -1^2 + 5^2 &= -1 + 25 \\ &= 24\end{aligned}$$

$$\begin{aligned}(8) \quad -1^9 - 6^3 &= -1 - 216 \\ &= -217\end{aligned}$$