

累乗の和の計算

名前

月 日

分 秒

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

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

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

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

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

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

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

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad 2^4 - (-5)^2 &= 16 - 25 \\ &= -9\end{aligned}$$

$$\begin{aligned}(2) \quad -(-1)^5 + (-4)^3 &= -(-1) + (-64) \\ &= 1 - 64 \\ &= -63\end{aligned}$$

$$\begin{aligned}(3) \quad (-5)^2 + 4^2 &= 25 + 16 \\ &= 41\end{aligned}$$

$$\begin{aligned}(4) \quad -5^3 - 3^4 &= -125 - 81 \\ &= -206\end{aligned}$$

$$\begin{aligned}(5) \quad (-4)^3 + 5^3 &= (-64) + 125 \\ &= -64 + 125 \\ &= 61\end{aligned}$$

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

$$\begin{aligned}(7) \quad 5^3 - (-4)^3 &= 125 - (-64) \\ &= 125 + 64 \\ &= 189\end{aligned}$$

$$\begin{aligned}(8) \quad -(-4)^2 - 3^3 &= -16 - 27 \\ &= -43\end{aligned}$$