

累乗の和の計算

名前

月 日

分 秒

(1) $2^6 - (-2)^7$

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

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

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

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

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

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

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad 2^6 - (-2)^7 &= 64 - (-128) \\ &= 64 + 128 \\ &= 192\end{aligned}$$

$$\begin{aligned}(2) \quad -(-2)^2 + (-2)^4 &= -4 + 16 \\ &= 12\end{aligned}$$

$$\begin{aligned}(3) \quad -(-3)^5 - (-6)^2 &= -(-243) - 36 \\ &= 243 - 36 \\ &= 207\end{aligned}$$

$$\begin{aligned}(4) \quad -6^2 - 4^3 &= -36 - 64 \\ &= -100\end{aligned}$$

$$\begin{aligned}(5) \quad -3^5 + (-5)^3 &= -243 + (-125) \\ &= -243 - 125 \\ &= -368\end{aligned}$$

$$\begin{aligned}(6) \quad 4^3 + 6^2 &= 64 + 36 \\ &= 100\end{aligned}$$

$$\begin{aligned}(7) \quad (-5)^2 + 3^5 &= 25 + 243 \\ &= 268\end{aligned}$$

$$\begin{aligned}(8) \quad (-4)^3 - 3^4 &= (-64) - 81 \\ &= -64 - 81 \\ &= -145\end{aligned}$$