

累乗の和の計算

名前

月 日

分 秒

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

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

(3) $-4^2 - (-1)^7$

(4) $3^5 + 2^6$

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

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

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

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -2^5 + 4^3 &= -32 + 64 \\ &= 32\end{aligned}$$

$$\begin{aligned}(2) \quad -(-6)^3 + (-3)^5 &= -(-216) + (-243) \\ &= 216 - 243 \\ &= -27\end{aligned}$$

$$\begin{aligned}(3) \quad -4^2 - (-1)^7 &= -16 - (-1) \\ &= -16 + 1 \\ &= -15\end{aligned}$$

$$\begin{aligned}(4) \quad 3^5 + 2^6 &= 243 + 64 \\ &= 307\end{aligned}$$

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

$$\begin{aligned}(6) \quad (-5)^3 + (-5)^2 &= (-125) + 25 \\ &= -125 + 25 \\ &= -100\end{aligned}$$

$$\begin{aligned}(7) \quad -(-2)^2 - (-5)^2 &= -4 - 25 \\ &= -29\end{aligned}$$

$$\begin{aligned}(8) \quad (-2)^4 - 3^2 &= 16 - 9 \\ &= 7\end{aligned}$$