

累乗の和の計算

名前

月 日

分 秒

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

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

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

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

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

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

(7) $-(-4)^2 + (-2)^6$

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad (-3)^5 + 3^3 &= (-243) + 27 \\ &= -243 + 27 \\ &= -216\end{aligned}$$

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

$$\begin{aligned}(3) \quad -2^3 - 5^3 &= -8 - 125 \\ &= -133\end{aligned}$$

$$\begin{aligned}(4) \quad 3^2 - 3^4 &= 9 - 81 \\ &= -72\end{aligned}$$

$$\begin{aligned}(5) \quad (-2)^4 - (-4)^2 &= 16 - 16 \\ &= 0\end{aligned}$$

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

$$\begin{aligned}(7) \quad -(-4)^2 + (-2)^6 &= -16 + 64 \\ &= 48\end{aligned}$$

$$\begin{aligned}(8) \quad 2^5 - (-2)^3 &= 32 - (-8) \\ &= 32 + 8 \\ &= 40\end{aligned}$$