

累乗の和の計算

名前

月 日

分 秒

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

(2) $-1^8 + (-3)^5$

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

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

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

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

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

(8) $(-2)^7 - (-2)^6$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -(-5)^3 + (-2)^2 &= -(-125) + 4 \\ &= 125 + 4 \\ &= 129\end{aligned}$$

$$\begin{aligned}(2) \quad -1^8 + (-3)^5 &= -1 + (-243) \\ &= -1 - 243 \\ &= -244\end{aligned}$$

$$\begin{aligned}(3) \quad (-3)^2 - 5^2 &= 9 - 25 \\ &= -16\end{aligned}$$

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

$$\begin{aligned}(5) \quad 3^4 - 3^5 &= 81 - 243 \\ &= -162\end{aligned}$$

$$\begin{aligned}(6) \quad -2^3 + 6^2 &= -8 + 36 \\ &= 28\end{aligned}$$

$$\begin{aligned}(7) \quad -(-4)^2 + 2^7 &= -16 + 128 \\ &= 112\end{aligned}$$

$$\begin{aligned}(8) \quad (-2)^7 - (-2)^6 &= (-128) - 64 \\ &= -128 - 64 \\ &= -192\end{aligned}$$