

累乗の和の計算

名前

月 日

分 秒

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

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

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

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

(5) $(-2)^4 - 6^2$

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

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

(8) $-5^3 + (-4)^2$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad (-5)^3 + 1^5 &= (-125) + 1 \\ &= -125 + 1 \\ &= -124\end{aligned}$$

$$\begin{aligned}(2) \quad -(-5)^2 - (-3)^2 &= -25 - 9 \\ &= -34\end{aligned}$$

$$\begin{aligned}(3) \quad 4^3 + 2^6 &= 64 + 64 \\ &= 128\end{aligned}$$

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

$$\begin{aligned}(5) \quad (-2)^4 - 6^2 &= 16 - 36 \\ &= -20\end{aligned}$$

$$\begin{aligned}(6) \quad 3^4 - 6^3 &= 81 - 216 \\ &= -135\end{aligned}$$

$$\begin{aligned}(7) \quad -3^2 + (-3)^5 &= -9 + (-243) \\ &= -9 - 243 \\ &= -252\end{aligned}$$

$$\begin{aligned}(8) \quad -5^3 + (-4)^2 &= -125 + 16 \\ &= -109\end{aligned}$$