

累乗の和の計算

名前

月 日

分 秒

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

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

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

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

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

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

(7) $1^6 + (-4)^2$

(8) $5^3 + 6^2$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -4^3 - 4^3 &= -64 - 64 \\ &= -128\end{aligned}$$

$$\begin{aligned}(2) \quad -(-3)^4 - (-1)^2 &= -81 - 1 \\ &= -82\end{aligned}$$

$$\begin{aligned}(3) \quad (-3)^4 - (-5)^3 &= 81 - (-125) \\ &= 81 + 125 \\ &= 206\end{aligned}$$

$$\begin{aligned}(4) \quad (-4)^3 - 4^2 &= (-64) - 16 \\ &= -64 - 16 \\ &= -80\end{aligned}$$

$$\begin{aligned}(5) \quad -2^4 + (-6)^3 &= -16 + (-216) \\ &= -16 - 216 \\ &= -232\end{aligned}$$

$$\begin{aligned}(6) \quad -(-4)^3 + 3^3 &= -(-64) + 27 \\ &= 64 + 27 \\ &= 91\end{aligned}$$

$$\begin{aligned}(7) \quad 1^6 + (-4)^2 &= 1 + 16 \\ &= 17\end{aligned}$$

$$\begin{aligned}(8) \quad 5^3 + 6^2 &= 125 + 36 \\ &= 161\end{aligned}$$