

累乗の和の計算

名前

月 日

分 秒

(1) $6^3 + (-2)^7$

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

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

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

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

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

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

(8) $(-2)^3 - (-6)^2$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad 6^3 + (-2)^7 &= 216 + (-128) \\ &= 216 - 128 \\ &= 88\end{aligned}$$

$$\begin{aligned}(2) \quad -(-4)^3 - 3^4 &= -(-64) - 81 \\ &= 64 - 81 \\ &= -17\end{aligned}$$

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

$$\begin{aligned}(4) \quad -(-3)^4 + 3^4 &= -81 + 81 \\ &= 0\end{aligned}$$

$$\begin{aligned}(5) \quad 2^4 + (-6)^2 &= 16 + 36 \\ &= 52\end{aligned}$$

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

$$\begin{aligned}(7) \quad -3^3 - 5^3 &= -27 - 125 \\ &= -152\end{aligned}$$

$$\begin{aligned}(8) \quad (-2)^3 - (-6)^2 &= (-8) - 36 \\ &= -8 - 36 \\ &= -44\end{aligned}$$