

累乗の和の計算

名前

月 日

分 秒

(1) $-(-1)^4 - 6^3$

(2) $-3^4 - (-1)^6$

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

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

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

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

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

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -(-1)^4 - 6^3 &= -1 - 216 \\ &= -217\end{aligned}$$

$$\begin{aligned}(2) \quad -3^4 - (-1)^6 &= -81 - 1 \\ &= -82\end{aligned}$$

$$\begin{aligned}(3) \quad 6^2 + 6^2 &= 36 + 36 \\ &= 72\end{aligned}$$

$$\begin{aligned}(4) \quad -4^3 + 2^5 &= -64 + 32 \\ &= -32\end{aligned}$$

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

$$\begin{aligned}(6) \quad 4^3 - (-5)^3 &= 64 - (-125) \\ &= 64 + 125 \\ &= 189\end{aligned}$$

$$\begin{aligned}(7) \quad (-2)^3 - 3^2 &= (-8) - 9 \\ &= -8 - 9 \\ &= -17\end{aligned}$$

$$\begin{aligned}(8) \quad (-5)^2 + (-3)^5 &= 25 + (-243) \\ &= 25 - 243 \\ &= -218\end{aligned}$$