

累乗の和の計算

名前

月 日

分 秒

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

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

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

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

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

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

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

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad 6^3 - 3^3 &= 216 - 27 \\ &= 189\end{aligned}$$

$$\begin{aligned}(2) \quad -3^4 - (-2)^6 &= -81 - 64 \\ &= -145\end{aligned}$$

$$\begin{aligned}(3) \quad (-3)^2 - (-5)^3 &= 9 - (-125) \\ &= 9 + 125 \\ &= 134\end{aligned}$$

$$\begin{aligned}(4) \quad -(-5)^3 + (-5)^2 &= -(-125) + 25 \\ &= 125 + 25 \\ &= 150\end{aligned}$$

$$\begin{aligned}(5) \quad 2^6 + (-2)^5 &= 64 + (-32) \\ &= 64 - 32 \\ &= 32\end{aligned}$$

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

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

$$\begin{aligned}(8) \quad -4^3 + 4^2 &= -64 + 16 \\ &= -48\end{aligned}$$