

累乗の和の計算

名前

月 日

分 秒

(1) $(-2)^5 - 5^3$

(2) $-(-5)^2 + (-1)^2$

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

(4) $-(-1)^5 - (-3)^5$

(5) $(-4)^2 - (-1)^6$

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

(7) $-1^8 + 2^4$

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad (-2)^5 - 5^3 &= (-32) - 125 \\ &= -32 - 125 \\ &= -157\end{aligned}$$

$$\begin{aligned}(2) \quad -(-5)^2 + (-1)^2 &= -25 + 1 \\ &= -24\end{aligned}$$

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

$$\begin{aligned}(4) \quad -(-1)^5 - (-3)^5 &= -(-1) - (-243) \\ &= 1 + 243 \\ &= 244\end{aligned}$$

$$\begin{aligned}(5) \quad (-4)^2 - (-1)^6 &= 16 - 1 \\ &= 15\end{aligned}$$

$$\begin{aligned}(6) \quad 3^5 + (-3)^5 &= 243 + (-243) \\ &= 243 - 243 \\ &= 0\end{aligned}$$

$$\begin{aligned}(7) \quad -1^8 + 2^4 &= -1 + 16 \\ &= 15\end{aligned}$$

$$\begin{aligned}(8) \quad 2^6 - 2^6 &= 64 - 64 \\ &= 0\end{aligned}$$