

累乗の和の計算

名前

月 日

分 秒

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

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

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

(4) $(-2)^7 + 3^2$

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

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

(7) $-2^5 + (-6)^3$

(8) $1^5 - 1^2$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -(-5)^3 - (-5)^2 &= -(-125) - 25 \\ &= 125 - 25 \\ &= 100\end{aligned}$$

$$\begin{aligned}(2) \quad -1^4 + 2^3 &= -1 + 8 \\ &= 7\end{aligned}$$

$$\begin{aligned}(3) \quad 5^2 - 5^3 &= 25 - 125 \\ &= -100\end{aligned}$$

$$\begin{aligned}(4) \quad (-2)^7 + 3^2 &= (-128) + 9 \\ &= -128 + 9 \\ &= -119\end{aligned}$$

$$\begin{aligned}(5) \quad (-4)^2 - (-3)^5 &= 16 - (-243) \\ &= 16 + 243 \\ &= 259\end{aligned}$$

$$\begin{aligned}(6) \quad -(-6)^2 + (-2)^4 &= -36 + 16 \\ &= -20\end{aligned}$$

$$\begin{aligned}(7) \quad -2^5 + (-6)^3 &= -32 + (-216) \\ &= -32 - 216 \\ &= -248\end{aligned}$$

$$\begin{aligned}(8) \quad 1^5 - 1^2 &= 1 - 1 \\ &= 0\end{aligned}$$