

累乗の和の計算

名前

月 日

分 秒

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

(2) $-1^9 + 2^2$

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

(4) $-(-5)^3 + (-2)^7$

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

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

(7) $(-1)^3 - (-5)^2$

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

累乗の和の計算（解答）

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

$$\begin{aligned}(2) \quad -1^9 + 2^2 &= -1 + 4 \\ &= 3\end{aligned}$$

$$\begin{aligned}(3) \quad 1^4 - 5^3 &= 1 - 125 \\ &= -124\end{aligned}$$

$$\begin{aligned}(4) \quad -(-5)^3 + (-2)^7 &= -(-125) + (-128) \\ &= 125 - 128 \\ &= -3\end{aligned}$$

$$\begin{aligned}(5) \quad (-5)^2 - (-4)^3 &= 25 - (-64) \\ &= 25 + 64 \\ &= 89\end{aligned}$$

$$\begin{aligned}(6) \quad -(-1)^4 + 6^3 &= -1 + 216 \\ &= 215\end{aligned}$$

$$\begin{aligned}(7) \quad (-1)^3 - (-5)^2 &= (-1) - 25 \\ &= -1 - 25 \\ &= -26\end{aligned}$$

$$\begin{aligned}(8) \quad 6^3 + (-6)^2 &= 216 + 36 \\ &= 252\end{aligned}$$