

累乗の和の計算

名前

月 日

分 秒

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

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

(3) $2^6 + (-1)^7$

(4) $-(-4)^3 - (-1)^9$

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

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

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

(8) $(-5)^3 + 1^2$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad (-4)^2 + (-5)^2 &= 16 + 25 \\ &= 41\end{aligned}$$

$$\begin{aligned}(2) \quad -5^2 + 4^3 &= -25 + 64 \\ &= 39\end{aligned}$$

$$\begin{aligned}(3) \quad 2^6 + (-1)^7 &= 64 + (-1) \\ &= 64 - 1 \\ &= 63\end{aligned}$$

$$\begin{aligned}(4) \quad -(-4)^3 - (-1)^9 &= -(-64) - (-1) \\ &= 64 + 1 \\ &= 65\end{aligned}$$

$$\begin{aligned}(5) \quad -(-3)^4 - 6^2 &= -81 - 36 \\ &= -117\end{aligned}$$

$$\begin{aligned}(6) \quad 5^3 - 5^3 &= 125 - 125 \\ &= 0\end{aligned}$$

$$\begin{aligned}(7) \quad -3^5 - (-5)^2 &= -243 - 25 \\ &= -268\end{aligned}$$

$$\begin{aligned}(8) \quad (-5)^3 + 1^2 &= (-125) + 1 \\ &= -125 + 1 \\ &= -124\end{aligned}$$