

累乗の和の計算

名前

月 日

分 秒

(1) $(-6)^2 + 5^3$

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

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

(4) $-1^7 - 3^4$

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

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

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

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad (-6)^2 + 5^3 &= 36 + 125 \\ &= 161\end{aligned}$$

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

$$\begin{aligned}(3) \quad -(-3)^5 - (-5)^3 &= -(-243) - (-125) \\ &= 243 + 125 \\ &= 368\end{aligned}$$

$$\begin{aligned}(4) \quad -1^7 - 3^4 &= -1 - 81 \\ &= -82\end{aligned}$$

$$\begin{aligned}(5) \quad 5^2 - (-4)^2 &= 25 - 16 \\ &= 9\end{aligned}$$

$$\begin{aligned}(6) \quad (-5)^3 + (-5)^2 &= (-125) + 25 \\ &= -125 + 25 \\ &= -100\end{aligned}$$

$$\begin{aligned}(7) \quad -5^2 + 4^2 &= -25 + 16 \\ &= -9\end{aligned}$$

$$\begin{aligned}(8) \quad 4^3 - 2^3 &= 64 - 8 \\ &= 56\end{aligned}$$