

累乗の和の計算

名前

月 日

分 秒

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

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

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

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

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

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

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

(8) $(-4)^2 + 1^6$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -(-1)^2 - (-6)^2 &= -1 - 36 \\ &= -37\end{aligned}$$

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

$$\begin{aligned}(3) \quad (-1)^7 - (-5)^3 &= (-1) - (-125) \\ &= -1 + 125 \\ &= 124\end{aligned}$$

$$\begin{aligned}(4) \quad -(-4)^3 - 6^2 &= -(-64) - 36 \\ &= 64 - 36 \\ &= 28\end{aligned}$$

$$\begin{aligned}(5) \quad -5^3 + 3^3 &= -125 + 27 \\ &= -98\end{aligned}$$

$$\begin{aligned}(6) \quad 5^2 - 3^5 &= 25 - 243 \\ &= -218\end{aligned}$$

$$\begin{aligned}(7) \quad 3^3 + (-5)^2 &= 27 + 25 \\ &= 52\end{aligned}$$

$$\begin{aligned}(8) \quad (-4)^2 + 1^6 &= 16 + 1 \\ &= 17\end{aligned}$$