

累乗の和の計算

名前

月 日

分 秒

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

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

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

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

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

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

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

(8) $-4^3 - (-1)^7$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad 5^2 - (-3)^2 &= 25 - 9 \\ &= 16\end{aligned}$$

$$\begin{aligned}(2) \quad 4^3 + 4^2 &= 64 + 16 \\ &= 80\end{aligned}$$

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

$$\begin{aligned}(4) \quad -(-5)^3 - 2^4 &= -(-125) - 16 \\ &= 125 - 16 \\ &= 109\end{aligned}$$

$$\begin{aligned}(5) \quad (-2)^4 - 6^3 &= 16 - 216 \\ &= -200\end{aligned}$$

$$\begin{aligned}(6) \quad -6^2 + (-3)^5 &= -36 + (-243) \\ &= -36 - 243 \\ &= -279\end{aligned}$$

$$\begin{aligned}(7) \quad -(-6)^2 + (-5)^2 &= -36 + 25 \\ &= -11\end{aligned}$$

$$\begin{aligned}(8) \quad -4^3 - (-1)^7 &= -64 - (-1) \\ &= -64 + 1 \\ &= -63\end{aligned}$$