

累乗の和の計算

名前 _____

月 日 _____

分 秒 _____

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

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

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

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

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

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

(7) $(-1)^2 - 4^3$

(8) $-(-6)^3 - 4^2$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -4^3 + (-3)^3 &= -64 + (-27) \\ &= -64 - 27 \\ &= -91\end{aligned}$$

$$\begin{aligned}(2) \quad 4^3 - (-3)^4 &= 64 - 81 \\ &= -17\end{aligned}$$

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

$$\begin{aligned}(4) \quad 2^2 + 5^2 &= 4 + 25 \\ &= 29\end{aligned}$$

$$\begin{aligned}(5) \quad -(-4)^2 + 2^7 &= -16 + 128 \\ &= 112\end{aligned}$$

$$\begin{aligned}(6) \quad -3^4 + (-2)^4 &= -81 + 16 \\ &= -65\end{aligned}$$

$$\begin{aligned}(7) \quad (-1)^2 - 4^3 &= 1 - 64 \\ &= -63\end{aligned}$$

$$\begin{aligned}(8) \quad -(-6)^3 - 4^2 &= -(-216) - 16 \\ &= 216 - 16 \\ &= 200\end{aligned}$$