

累乗の和の計算

名前

月 日

分 秒

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

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

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

(4) $-(-3)^5 + 1^3$

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

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

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

(8) $-(-6)^2 + (-5)^3$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad (-4)^2 + (-2)^2 &= 16 + 4 \\ &= 20\end{aligned}$$

$$\begin{aligned}(2) \quad -2^3 + 5^2 &= -8 + 25 \\ &= 17\end{aligned}$$

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

$$\begin{aligned}(4) \quad -(-3)^5 + 1^3 &= -(-243) + 1 \\ &= 243 + 1 \\ &= 244\end{aligned}$$

$$\begin{aligned}(5) \quad (-2)^5 - (-4)^3 &= (-32) - (-64) \\ &= -32 + 64 \\ &= 32\end{aligned}$$

$$\begin{aligned}(6) \quad 4^2 - 3^5 &= 16 - 243 \\ &= -227\end{aligned}$$

$$\begin{aligned}(7) \quad -2^6 - 3^2 &= -64 - 9 \\ &= -73\end{aligned}$$

$$\begin{aligned}(8) \quad -(-6)^2 + (-5)^3 &= -36 + (-125) \\ &= -36 - 125 \\ &= -161\end{aligned}$$