

累乗の和の計算

名前 _____

月 日 _____

分 秒 _____

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

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

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

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

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

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

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

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad (-5)^3 + 1^2 &= (-125) + 1 \\ &= -125 + 1 \\ &= -124\end{aligned}$$

$$\begin{aligned}(2) \quad -(-2)^7 + (-3)^4 &= -(-128) + 81 \\ &= 128 + 81 \\ &= 209\end{aligned}$$

$$\begin{aligned}(3) \quad 6^2 + (-2)^5 &= 36 + (-32) \\ &= 36 - 32 \\ &= 4\end{aligned}$$

$$\begin{aligned}(4) \quad -3^5 - 5^3 &= -243 - 125 \\ &= -368\end{aligned}$$

$$\begin{aligned}(5) \quad 3^3 + 3^3 &= 27 + 27 \\ &= 54\end{aligned}$$

$$\begin{aligned}(6) \quad (-1)^8 - 4^2 &= 1 - 16 \\ &= -15\end{aligned}$$

$$\begin{aligned}(7) \quad -(-5)^2 - (-5)^3 &= -25 - (-125) \\ &= -25 + 125 \\ &= 100\end{aligned}$$

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