

累乗の和の計算

名前

月 日

分 秒

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

(2) $-(-1)^4 + (-5)^2$

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

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

(5) $1^8 + 3^3$

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

(7) $3^5 - (-4)^3$

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

累乗の和の計算（解答）

名前

月 日

分 秒

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

$$\begin{aligned}(2) \quad -(-1)^4 + (-5)^2 &= -1 + 25 \\ &= 24\end{aligned}$$

$$\begin{aligned}(3) \quad -(-5)^3 - 6^3 &= -(-125) - 216 \\ &= 125 - 216 \\ &= -91\end{aligned}$$

$$\begin{aligned}(4) \quad (-1)^2 - 2^6 &= 1 - 64 \\ &= -63\end{aligned}$$

$$\begin{aligned}(5) \quad 1^8 + 3^3 &= 1 + 27 \\ &= 28\end{aligned}$$

$$\begin{aligned}(6) \quad (-3)^3 - (-2)^6 &= (-27) - 64 \\ &= -27 - 64 \\ &= -91\end{aligned}$$

$$\begin{aligned}(7) \quad 3^5 - (-4)^3 &= 243 - (-64) \\ &= 243 + 64 \\ &= 307\end{aligned}$$

$$\begin{aligned}(8) \quad -5^3 + (-3)^3 &= -125 + (-27) \\ &= -125 - 27 \\ &= -152\end{aligned}$$