

累乗の和の計算

名前

月 日

分 秒

(1) $5^3 + 6^3$

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

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

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

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

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

(7) $-2^4 + (-6)^2$

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad 5^3 + 6^3 &= 125 + 216 \\ &= 341\end{aligned}$$

$$\begin{aligned}(2) \quad -(-4)^2 - (-5)^2 &= -16 - 25 \\ &= -41\end{aligned}$$

$$\begin{aligned}(3) \quad -5^3 + (-2)^3 &= -125 + (-8) \\ &= -125 - 8 \\ &= -133\end{aligned}$$

$$\begin{aligned}(4) \quad -(-2)^5 + 1^4 &= -(-32) + 1 \\ &= 32 + 1 \\ &= 33\end{aligned}$$

$$\begin{aligned}(5) \quad 4^2 - 2^2 &= 16 - 4 \\ &= 12\end{aligned}$$

$$\begin{aligned}(6) \quad (-4)^2 - (-3)^3 &= 16 - (-27) \\ &= 16 + 27 \\ &= 43\end{aligned}$$

$$\begin{aligned}(7) \quad -2^4 + (-6)^2 &= -16 + 36 \\ &= 20\end{aligned}$$

$$\begin{aligned}(8) \quad (-3)^3 - 6^3 &= (-27) - 216 \\ &= -27 - 216 \\ &= -243\end{aligned}$$