

累乗の和の計算

名前

月 日

分 秒

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

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

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

(4) $-(-1)^7 + (-6)^3$

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

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

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

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

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad (-1)^5 - (-2)^5 &= (-1) - (-32) \\ &= -1 + 32 \\ &= 31\end{aligned}$$

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

$$\begin{aligned}(3) \quad 2^6 - 2^5 &= 64 - 32 \\ &= 32\end{aligned}$$

$$\begin{aligned}(4) \quad -(-1)^7 + (-6)^3 &= -(-1) + (-216) \\ &= 1 - 216 \\ &= -215\end{aligned}$$

$$\begin{aligned}(5) \quad -6^2 + 6^3 &= -36 + 216 \\ &= 180\end{aligned}$$

$$\begin{aligned}(6) \quad 3^5 - (-5)^2 &= 243 - 25 \\ &= 218\end{aligned}$$

$$\begin{aligned}(7) \quad -(-4)^2 + (-5)^2 &= -16 + 25 \\ &= 9\end{aligned}$$

$$\begin{aligned}(8) \quad (-4)^2 - 6^2 &= 16 - 36 \\ &= -20\end{aligned}$$