

Invmat potenssit stack

2023년 9월 13일 수요일 오후 12:39

kysymys 1

$$\begin{aligned} & -3 \cdot 4^2 \cdot x^2 \cdot 4^{-1} \cdot x^{-2} \\ & = -3 \cdot 4 \cdot 1 \\ & = -12 \end{aligned}$$

kysymys 2

$$\begin{aligned} \left(\frac{-9 \cdot x^2}{4} \right)^2 &= \frac{-9^2 \cdot x^4}{4^2} \\ &= \frac{-81 \cdot x^4}{16} \end{aligned}$$

kysymys 3

$$\begin{array}{l|l} \text{a)} & \text{b)} \\ -3 \cdot 4^4 \cdot w^2 \cdot 4^2 \cdot w^{-1} & \frac{-3 \cdot 4^4 \cdot w^2}{4^2 \cdot w^{-1}} = -3 \cdot 4^2 \cdot w^3 \\ = -3 \cdot 4^6 \cdot w & = -48w^3 \\ = -12288w & \end{array}$$

kysymys 7

$$\frac{4 \cdot 10^9 \cdot 2^6}{7 \cdot 10^2 \cdot 2^{-1}} = \frac{4}{7} \cdot 10^6 \cdot 2^7$$