

NC EMPT'S QUESTION? *of the week*

Question 2
September 9, 2024

Simplify. Use positive exponents in the answer: $\left(\frac{3p^4v^{-2}}{s^4}\right)^{-2}$

- A. $\frac{3p^8v^4}{s^6}$ B. $\frac{-9s^8v^4}{p^8}$ C. $\frac{3p^8v^4}{s^8}$ D. $\frac{s^8v^4}{9p^8}$ E. $\frac{s^8}{9p^8v^4}$

Last Week's Answer

The expression $-[x - 3(2x - 1) + 2]$ is equivalent to which expression listed below?

- A. $6x^2 + 1$ B. $5x - 3$ **C. $5x - 5$** D. $5x + 1$ E. $-6x + 1$

Solution:

$$\begin{aligned} &-[x - 3(2x - 1) + 2] \\ &-[x - 6x + 3 + 2] \\ &-[-5x + 5] \\ &5x - 5 \end{aligned}$$

Each week, we'll reveal the answer to the previous week's question!

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