

Do Now

Error Analysis A student was asked to find the difference $(4x^5 - 3x^4 + 6x^2) - (7x^5 - 6x^4 + x^3)$. The student's work is shown at right. Identify the student's error and give the correct difference.

$$\begin{array}{r} 4x^5 - 3x^4 \quad + 6x^2 \\ -7x^5 - 6x^4 + x^3 \\ \hline -3x^5 - 9x^4 + x^3 \quad + 6x^2 \end{array}$$
