

Testing equations in L^AT_EX

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$$\begin{bmatrix} 1 & 3 & 7 & 5 \\ 4 & 7 & 4 & 9 \\ 43 & 8 & 4 & 8 \end{bmatrix} \cdot \begin{bmatrix} 1 & 3 & 7 \\ 4 & 7 & 4 \\ 43 & 8 & 4 \\ 1 & 3 & 234 \end{bmatrix} = \begin{bmatrix} 319 & 95 & 1217 \\ 213 & 120 & 2178 \\ 255 & 241 & 2221 \end{bmatrix}$$

$$\lim_{x \rightarrow 5} \frac{x^2 - 25}{x - 5} = 10$$

$$\int_0^5 3x^2 dx = 125$$