Teaching \LaTeX{} can promote . . .

1. thoughtfully presented problem solutions and reasoning
2. use of uniform mathematical notation
3. correct use of SI units
4. an alternate pathway to computation

and additionally can solve many other problems as I explain in workshops I facilitate.

Calculate the rest energy of a hypothetical object with mass $9 \times 10^{-16}$ kg.

\begin{physicssolution*}
E &= mc^2 \\text{\texttt{definition}} \\\nE &= (9 \times 10^{-16}) (3 \times 10^8)^2 \\text{\texttt{substitution}} \\\nE &= \text{\texttt{fpeval{9e-16*3e8**2}}} \\text{\texttt{final answer computed by \LaTeX{}}} \end{physicssolution*}

\[ E = 81 \text{ J} \]