Given the function
\[ f(x) = \frac{1}{16} \left( 231x^6 - 315x^4 + 105x^2 - 5 \right), \]
plot \( y = f(x) \) over the range \( x = -1 \) to \( 1 \). Use symbolic processing to find the zero crossings, maxima, and minima. Recall from calculus that maxima and minima are found where the first derivative is zero. If the second derivative is positive at a zero of the first derivative, it corresponds to minimum, and the converse is true for a maximum. Plot a blue circle at each zero crossing, a red square at each minimum, and a black “x” at each maximum.