Correct.

$$
\begin{array}{r}
7x - 11 \\
x^2 + 2x + 1 \overline{)\, 7x^3 + 3x^2 - 7x + 2} \\
-(7x^3 + 14x^2 + 7x) \\
\hline
-11x^2 - 14x + 2 \\
-(-11x^2 - 22x - 11) \\
\hline
8x + 13
\end{array}
$$