

$$\begin{array}{r}
 \phantom{x-1)} \phantom{x^2-2x+1} \overline{x-1} \\
 x-1) \phantom{x^2-2x+1} \overline{x^2-2x+1} \\
 \phantom{x-1)} \underline{-x^2 \phantom{+} x} \phantom{+1} \\
 \phantom{x-1)} \phantom{x^2-2x+1} -x+1 \\
 \phantom{x-1)} \phantom{x^2-2x+1} \underline{x-1} \\
 \phantom{x-1)} \phantom{x^2-2x+1} 0
 \end{array}$$