$$
\begin{align*}
& \operatorname{expand}((x-1+3 \cdot I) \cdot(x-1-3 \cdot I) \cdot(x-5) \cdot(x+3)) \\
& \qquad \begin{aligned}
& \\
& x^{4}-4 x^{3}-x^{2}+10 x-150 \\
& f:=x \rightarrow x^{4}-4 x^{3}-x^{2}+10 x-150 \\
& f:=x \mapsto x^{4}-4 \cdot x^{3}-x^{2}+10 \cdot x-150
\end{aligned}  \tag{1}\\
& f(1+3 \cdot I)
\end{align*}
$$

$$
\begin{equation*}
0 \tag{3}
\end{equation*}
$$

$(-3+3 \cdot I) \cdot(1+3 \cdot I)$

$$
\begin{equation*}
-12-6 I \tag{4}
\end{equation*}
$$

$$
\%-1
$$

$$
\begin{equation*}
-13-6 I \tag{5}
\end{equation*}
$$

$\% \cdot(1+3 \cdot I)$

$$
\begin{equation*}
5-45 I \tag{6}
\end{equation*}
$$

