

$$\begin{array}{r}
 \begin{array}{r}
 2x^2 \quad +7x \quad -26 \\
 2x^3 \quad +x^2 \quad -47x \quad +78 \\
 \hline
 2x^3 \quad -6x^2 \\
 \hline
 0 \quad 7x^2 \quad -47x \\
 \quad 7x^2 \quad -21x \\
 \hline
 \quad 0 \quad -26x \quad +78 \\
 \quad \quad -26x \quad +78 \\
 \hline
 \quad \quad 0 \quad 0
 \end{array}
 \end{array}$$