

$$\begin{array}{rcccc}
 & a_0 \cdot \left( \begin{array}{cccc} b_3 & b_2 & b_1 & b_0 \end{array} \right) \\
 & a_1 \cdot \left( \begin{array}{cccc} b_2 & b_1 & b_0 & 0 \end{array} \right) \\
 & a_2 \cdot \left( \begin{array}{cccc} b_1 & b_0 & 0 & 0 \end{array} \right) \\
 + & a_3 \cdot \left( \begin{array}{cccc} b_0 & 0 & 0 & 0 \end{array} \right) \\
 \hline
 & (ab)_3 & (ab)_2 & (ab)_1 & (ab)_0
 \end{array}$$