$$\begin{pmatrix}\left. \begin{array}{ccc} 10 & 2 & 3 \\ 5 & 6 & 7 \end{array}\right| \begin{array}{c} 4 \\ 8 \end{array}\end{pmatrix} \begin{pmatrix}\begin{array}{cccc} 10 & 2 & 3 & 4 \\ 5 & 6 & 7 & 8 \end{array}\left.\right|\end{pmatrix}$$

$$\begin{pmatrix}\overline{100\ \ 2\ \ 3} \\ 4\quad 5\quad 6 \\ 7\quad 8\quad 9\end{pmatrix} \begin{pmatrix}100 & 2 & 3 \\ \hline 4 & 5 & 6 \\ 7 & 8 & 9\end{pmatrix}$$

$$\begin{pmatrix}100 & 2 & 3 \\ 4 & 5 & 6 \\ \hline 7 & 8 & 9\end{pmatrix} \left(\begin{array}{c|cc}100 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9\end{array}\right)$$

$$\left(\begin{array}{cc|c}100 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9\end{array}\right) \left(\begin{array}{cc|c}100 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9\end{array}\right)$$

$$\begin{pmatrix}100 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9\end{pmatrix} \begin{pmatrix}100 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9\end{pmatrix}$$

$$\left(\begin{array}{ccc}100 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9\end{array}\right) \left(\begin{array}{cccc}10 & 2 & 3 & 4 \\ 5 & 6 & 7 & 8\end{array}\right)$$