

$$\begin{array}{c}
 \begin{array}{ccccc}
 & -3 & & + & \\
 & \downarrow & & \downarrow & \\
 & 2 & & + & \\
 & \downarrow & & \downarrow & \\
 \begin{pmatrix} 4 & 3 & 5 & 1 & 0 \\ 5 & 3 & 5 & 0 & -1 \\ 1 & 0 & 0 & & \\ 0 & 1 & 0 & & \\ 0 & 0 & 1b & & \end{pmatrix} & \begin{array}{c} \left[\begin{array}{c} -1 \\ + \end{array} \right] \end{array}
 \end{array}
 \end{array}$$