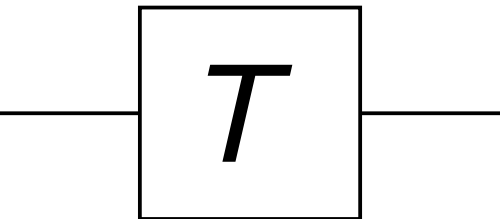
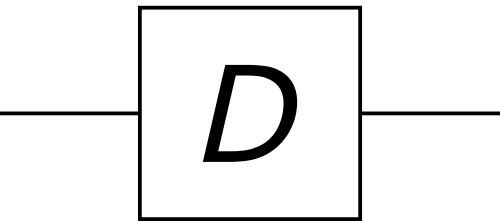


$$\begin{bmatrix} 0 & 0 & 1 \\ 1 & 0 & 0 \\ 0 & 1 & 0 \end{bmatrix}$$



$$\begin{bmatrix} 1 & 0 & 0 \\ 0 & e^{2\pi i/9} & 0 \\ 0 & 0 & (e^{2\pi i/9})^2 \end{bmatrix}$$



$$\begin{bmatrix} e^{2\pi i/9} & 0 & 0 \\ 0 & e^{2\pi i/9} & 0 \\ 0 & 0 & e^{2\pi i/9} \end{bmatrix}$$