$$\begin{bmatrix} 1 & 4 \\ 2 & 5 \end{bmatrix} = \begin{bmatrix} 1 & 4 \\ 2 & 5 \end{bmatrix} = \begin{bmatrix} 1 & 4 \\ 2 & 5 \end{bmatrix} = \begin{bmatrix} 1 & 4 \\ 2 & 5 \end{bmatrix}$$

3 row vectors

2 column vectors

with 3 numbers

with 2 numbers

6 numbers

1 matrix