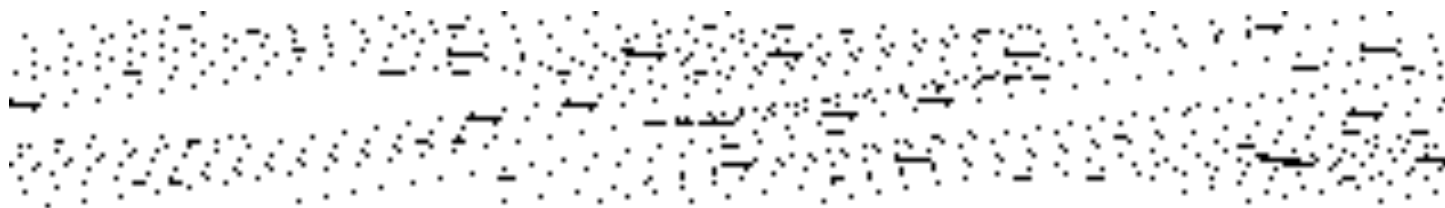
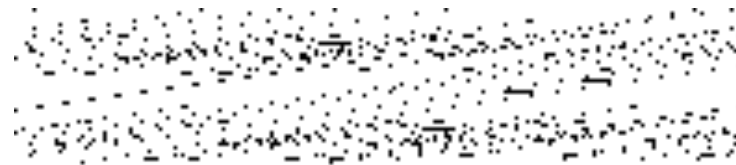
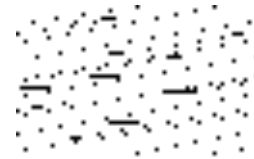
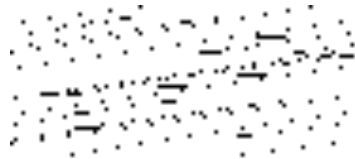


Умножить матрицу  $K$  на матрицу  $L$ :



Умножить матрицу  $M$  на матрицу  $N$ :

$$\begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{bmatrix}$$

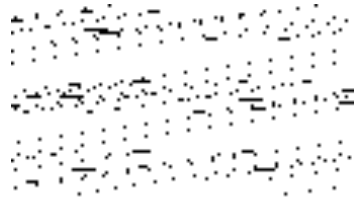
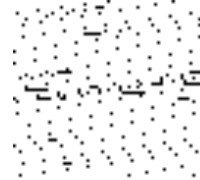
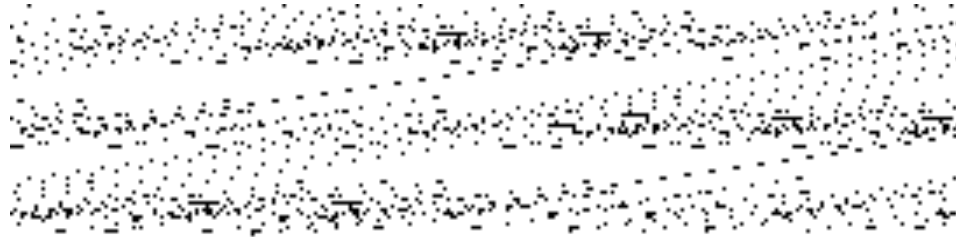
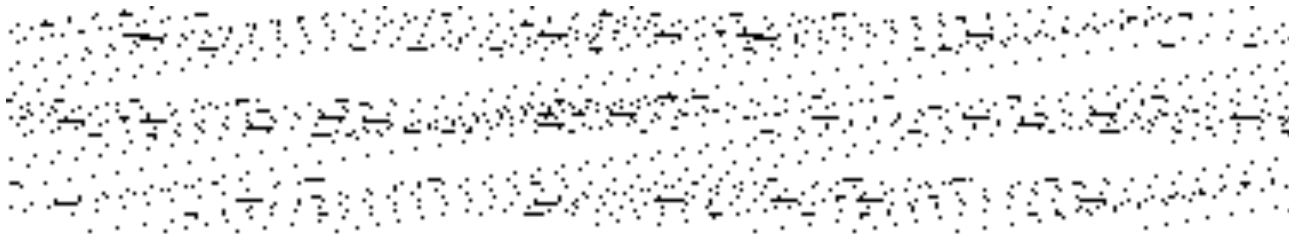
$$\begin{bmatrix} 1 & 2 \\ 3 & 4 \\ 5 & 6 \end{bmatrix}$$

$$\begin{bmatrix} 1 \cdot 1 + 2 \cdot 3 + 3 \cdot 5 & 1 \cdot 2 + 2 \cdot 4 + 3 \cdot 6 \\ 4 \cdot 1 + 5 \cdot 3 + 6 \cdot 5 & 4 \cdot 2 + 5 \cdot 4 + 6 \cdot 6 \\ 7 \cdot 1 + 8 \cdot 3 + 9 \cdot 5 & 7 \cdot 2 + 8 \cdot 4 + 9 \cdot 6 \end{bmatrix}$$

$$\begin{bmatrix} 14 & 23 \\ 32 & 44 \\ 50 & 62 \end{bmatrix}$$

$$MN = \begin{bmatrix} 14 & 23 \\ 32 & 44 \\ 50 & 62 \end{bmatrix}$$

Умножить матрицу  $P$  на матрицу  $R$  :

A 3x3 matrix with a diagonal of 1s and 0s elsewhere.A 3x3 matrix with 1s in the top row and 0s elsewhere.A 3x3 matrix with 1s in the top row and 0s elsewhere, identical to matrix R.A 3x3 matrix with 1s in the top row and 0s elsewhere, identical to matrix R.

Умножить матрицу  $P$  на матрицу  $S$  :

$$\begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix} \begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix} \begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix} \begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix} \begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix}$$