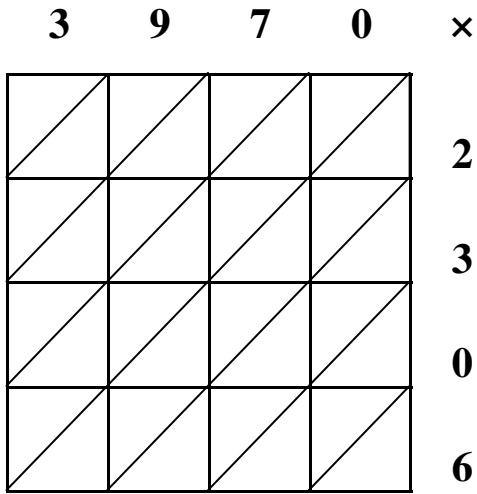
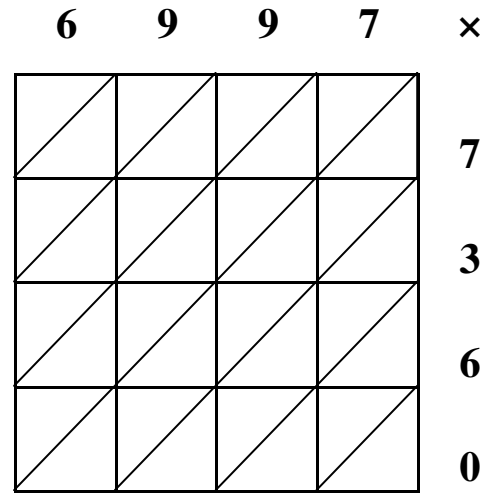


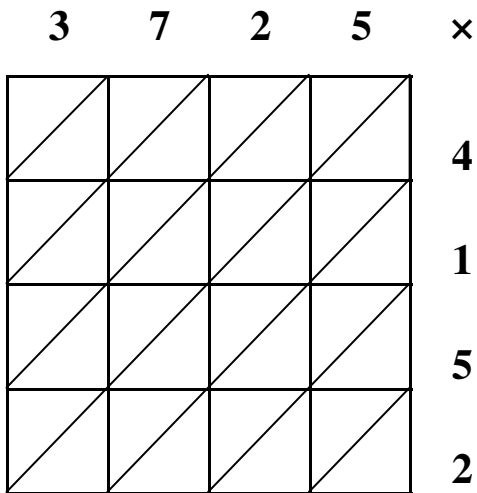
Lattice Multiplication (S)



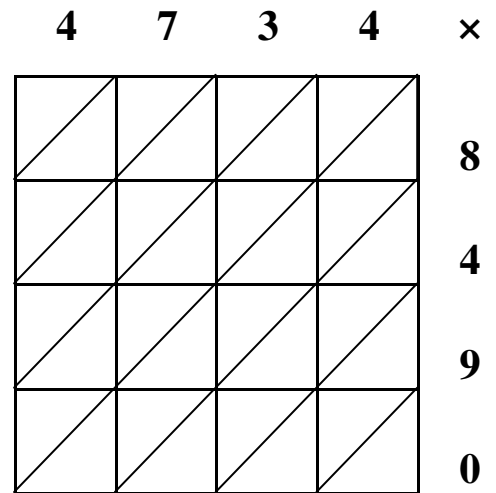
$$3970 \times 2306$$



$$6997 \times 7360$$



$$3725 \times 4152$$



$$4734 \times 8490$$

Lattice Multiplication (S) Answers

$$\begin{array}{r}
 \mathbf{3\ 9\ 7\ 0} \times \\
 \begin{array}{|c|c|c|c|}
 \hline
 0 & 1 & 1 & 0 \\
 \hline
 0 & 2 & 2 & 0 \\
 \hline
 0 & 0 & 0 & 0 \\
 \hline
 1 & 5 & 4 & 0 \\
 \hline
 \end{array}
 \end{array}$$

$3970 \times 2306 = 9,154,820$

$$\begin{array}{r}
 \mathbf{6\ 9\ 9\ 7} \times \\
 \begin{array}{|c|c|c|c|}
 \hline
 4 & 6 & 6 & 4 \\
 \hline
 1 & 2 & 2 & 2 \\
 \hline
 3 & 5 & 5 & 4 \\
 \hline
 0 & 0 & 0 & 0 \\
 \hline
 \end{array}
 \end{array}$$

$6997 \times 7360 = 51,497,920$

$$\begin{array}{r}
 \mathbf{3\ 7\ 2\ 5} \times \\
 \begin{array}{|c|c|c|c|}
 \hline
 1 & 2 & 0 & 2 \\
 \hline
 0 & 0 & 0 & 0 \\
 \hline
 1 & 3 & 1 & 2 \\
 \hline
 0 & 1 & 0 & 1 \\
 \hline
 \end{array}
 \end{array}$$

$3725 \times 4152 = 15,466,200$

$$\begin{array}{r}
 \mathbf{4\ 7\ 3\ 4} \times \\
 \begin{array}{|c|c|c|c|}
 \hline
 3 & 5 & 2 & 3 \\
 \hline
 1 & 2 & 1 & 1 \\
 \hline
 3 & 6 & 2 & 3 \\
 \hline
 0 & 0 & 0 & 0 \\
 \hline
 \end{array}
 \end{array}$$

$4734 \times 8490 = 40,191,660$