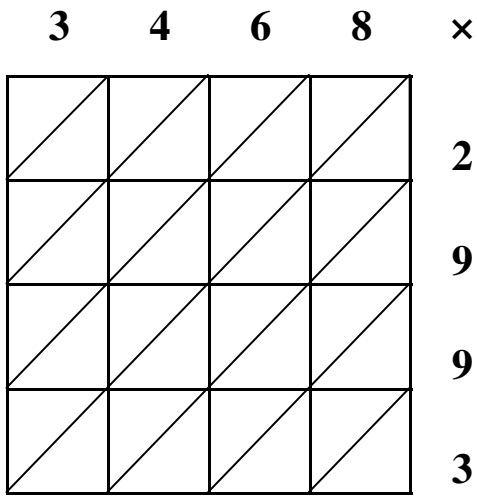
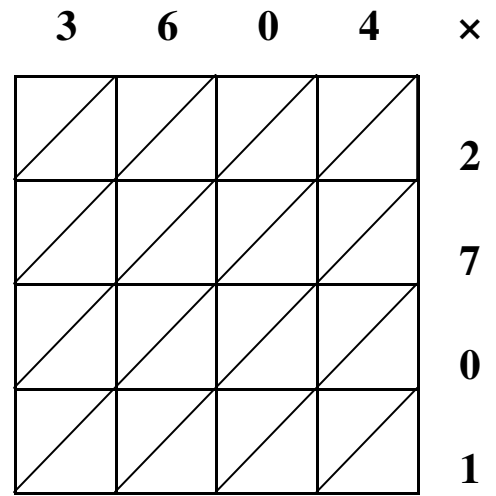


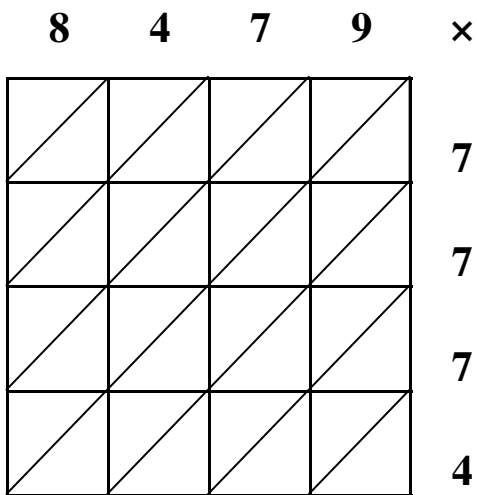
Lattice Multiplication (J)



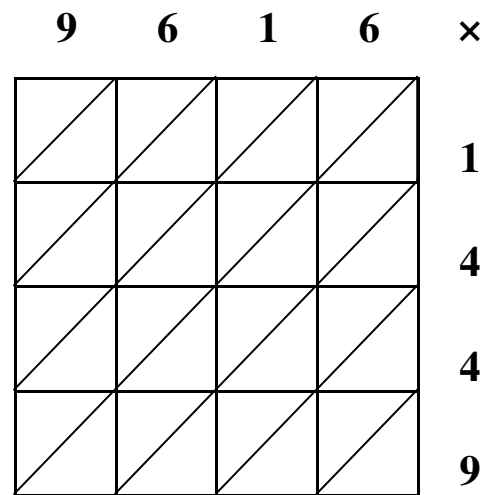
$$3468 \times 2993$$



$$3604 \times 2701$$



$$8479 \times 7774$$



$$9616 \times 1449$$

Lattice Multiplication (J) Answers

$$\begin{array}{r}
 \mathbf{3\ 4\ 6\ 8} \times \\
 \begin{array}{|c|c|c|c|}
 \hline
 0 & 0 & 1 & 1 \\
 \hline
 6 & 8 & 2 & 6 \\
 \hline
 2 & 3 & 5 & 7 \\
 \hline
 7 & 6 & 4 & 2 \\
 \hline
 2 & 3 & 5 & 7 \\
 \hline
 7 & 6 & 4 & 2 \\
 \hline
 0 & 1 & 1 & 2 \\
 \hline
 9 & 2 & 8 & 4 \\
 \hline
 \end{array} \\
 \begin{array}{r}
 1\ 1 \\
 2\ 0 \\
 2\ 3 \\
 3\ 7 \\
 \hline
 9\ 7\ 2\ 4 \\
 \hline
 1\ 1 \\
 \hline
 3468 \times 2993 \\
 \hline
 10,379,724
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \mathbf{3\ 6\ 0\ 4} \times \\
 \begin{array}{|c|c|c|c|}
 \hline
 0 & 1 & 0 & 0 \\
 \hline
 6 & 2 & 0 & 8 \\
 \hline
 2 & 4 & 0 & 2 \\
 \hline
 1 & 2 & 0 & 8 \\
 \hline
 0 & 0 & 0 & 0 \\
 \hline
 0 & 0 & 0 & 0 \\
 \hline
 0 & 0 & 0 & 0 \\
 \hline
 3 & 6 & 0 & 4 \\
 \hline
 \end{array} \\
 \begin{array}{r}
 0\ 0 \\
 0\ 9 \\
 0\ 7 \\
 1\ 3 \\
 \hline
 4\ 4\ 0\ 4 \\
 \hline
 1\ 0 \\
 \hline
 3604 \times 2701 \\
 \hline
 9,734,404
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \mathbf{8\ 4\ 7\ 9} \times \\
 \begin{array}{|c|c|c|c|}
 \hline
 5 & 2 & 4 & 6 \\
 \hline
 6 & 8 & 9 & 3 \\
 \hline
 5 & 2 & 4 & 6 \\
 \hline
 6 & 8 & 9 & 3 \\
 \hline
 5 & 2 & 4 & 6 \\
 \hline
 6 & 8 & 9 & 3 \\
 \hline
 3 & 1 & 2 & 3 \\
 \hline
 2 & 6 & 8 & 6 \\
 \hline
 \end{array} \\
 \begin{array}{r}
 1\ 6 \\
 2\ 5 \\
 4\ 9 \\
 3\ 1 \\
 \hline
 5\ 7\ 4\ 6 \\
 \hline
 2\ 1 \\
 \hline
 8479 \times 7774 \\
 \hline
 65,915,746
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \mathbf{9\ 6\ 1\ 6} \times \\
 \begin{array}{|c|c|c|c|}
 \hline
 0 & 0 & 0 & 0 \\
 \hline
 9 & 6 & 1 & 6 \\
 \hline
 3 & 2 & 0 & 2 \\
 \hline
 6 & 4 & 4 & 4 \\
 \hline
 3 & 2 & 0 & 2 \\
 \hline
 6 & 4 & 4 & 4 \\
 \hline
 8 & 5 & 0 & 5 \\
 \hline
 1 & 4 & 9 & 4 \\
 \hline
 \end{array} \\
 \begin{array}{r}
 1\ 1 \\
 1\ 3 \\
 2\ 9 \\
 2\ 3 \\
 \hline
 3\ 5\ 8\ 4 \\
 \hline
 1\ 1 \\
 \hline
 9616 \times 1449 \\
 \hline
 13,933,584
 \end{array}
 \end{array}$$