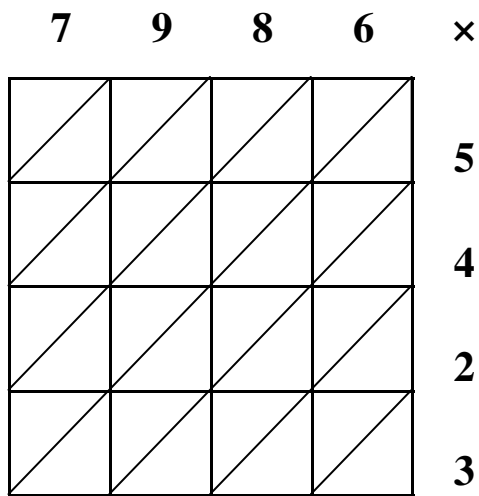
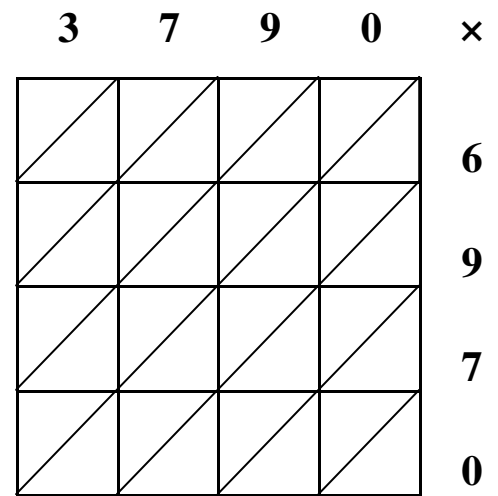


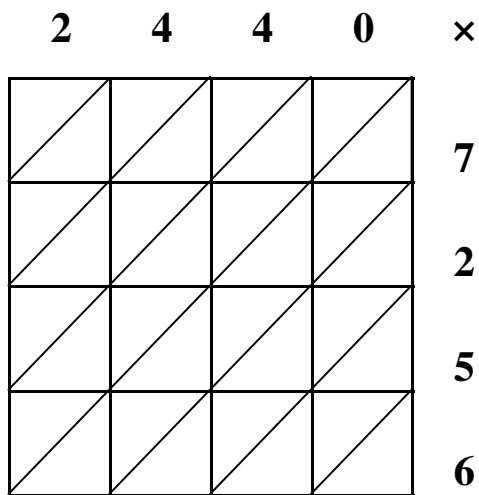
# Lattice Multiplication (A)



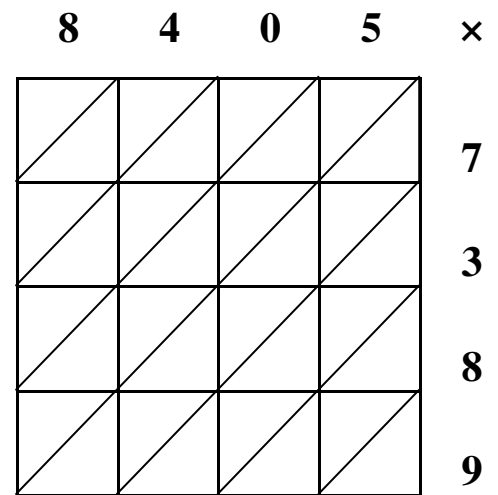
$$7986 \times 5423$$



$$3790 \times 6970$$



$$2440 \times 7256$$



$$8405 \times 7389$$

# Lattice Multiplication (A) Answers

$$\begin{array}{r}
 7 \quad 9 \quad 8 \quad 6 \quad \times \\
 \hline
 \begin{array}{|c|c|c|c|}
 \hline
 3 & 4 & 4 & 3 \\
 \hline
 2 & 3 & 3 & 2 \\
 \hline
 1 & 1 & 1 & 1 \\
 \hline
 2 & 2 & 2 & 1 \\
 \hline
 \end{array}
 \end{array}$$

$7986 \times 5423 = 43,308,078$

$$\begin{array}{r}
 3 \quad 7 \quad 9 \quad 0 \quad \times \\
 \hline
 \begin{array}{|c|c|c|c|}
 \hline
 1 & 4 & 5 & 0 \\
 \hline
 2 & 6 & 8 & 0 \\
 \hline
 2 & 4 & 6 & 0 \\
 \hline
 0 & 0 & 0 & 0 \\
 \hline
 \end{array}
 \end{array}$$

$3790 \times 6970 = 26,416,300$

$$\begin{array}{r}
 2 \quad 4 \quad 4 \quad 0 \quad \times \\
 \hline
 \begin{array}{|c|c|c|c|}
 \hline
 1 & 2 & 2 & 0 \\
 \hline
 0 & 0 & 0 & 0 \\
 \hline
 1 & 2 & 2 & 0 \\
 \hline
 1 & 2 & 2 & 0 \\
 \hline
 \end{array}
 \end{array}$$

$2440 \times 7256 = 17,704,640$

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

$8405 \times 7389 = 62,104,545$