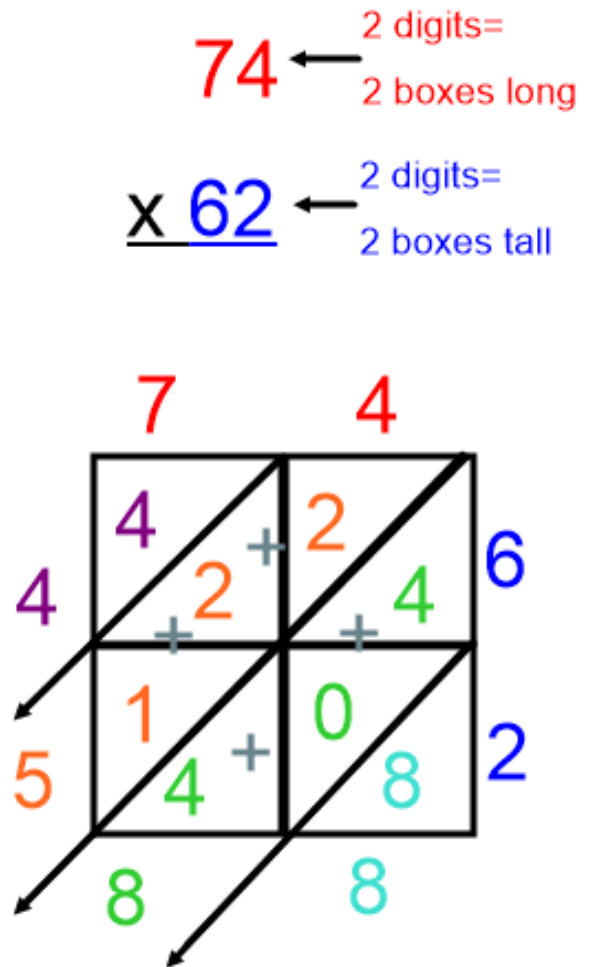


# Lattice Multiplication

Lesson 4  
December \_\_, 2014:

Steps for 2-digit by 2-digit Lattice multiplication:

1. The number of digits in the first factor tells you how many boxes long your matrix is.
2. The number of digits in the second factor tells you how many boxes tall your matrix is.
3. Draw your diagonal lines in the direction away from your factors.
4. Complete the matrix with the partial products of each digit from the factors.
5. Start at the bottom right corner and add along each diagonal section to find the digit that belongs in the product of the original problem.
6. Copy the digits in order from the top left corner down to the bottom right corner. This is the product to the original problem.



$$74 \times 62 = 4,588$$