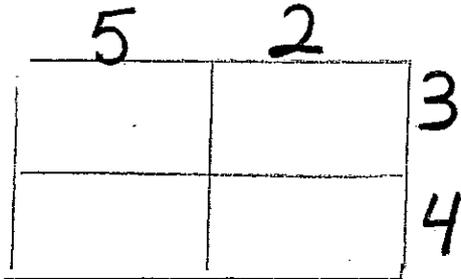
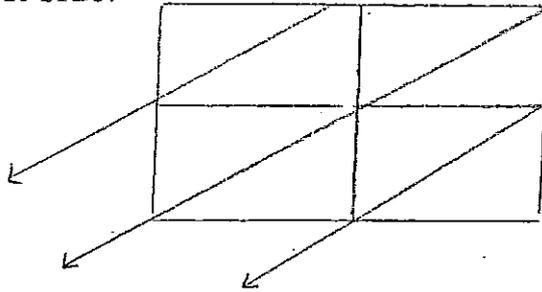


# EVERY DAY MATH- "LATTICE" MULTIPLICATION

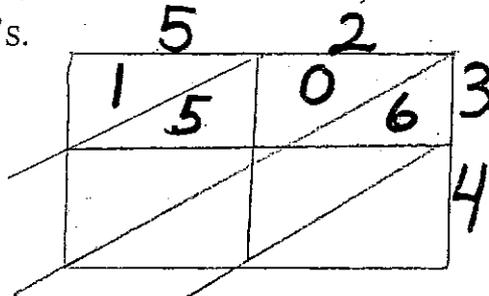
- Using a problem such as,  $34 \times 52$ , first make a box and put your numbers on the top and the right side of it.



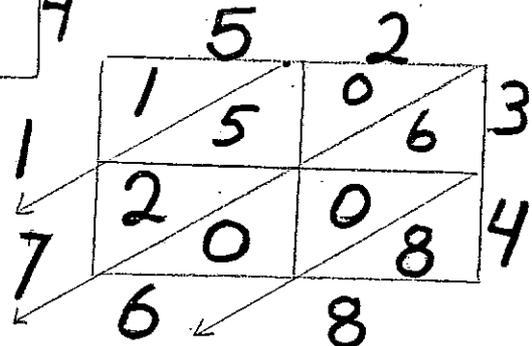
- Make diagonal lines that extend from the box corners off of the left side.



- Multiply  $3 \times 2$  and put 0 in the 10's box and 6 in the 1's box. Next do the same with the  $3 \times 5$ , with one in the 10's box and 5 in the 1's.



- Repeat this using the 4.



- Now add up the numbers in the slanted columns and those become your answer!

1,768