

# Elevator Method

$$\begin{array}{r} 2.1 \\ \times 3.4 \\ \hline .84 \\ + 630 \\ \hline 714 \end{array}$$

Step 1:  
Multiply as usual.  
Ignore the decimal...  
for now.

$$\begin{array}{r} 2.1 \\ \times 3.4 \\ \hline 84 \\ + 630 \\ \hline 714 \end{array}$$

Step 2:  
Each decimal in the problem JUMPS to the right & takes the elevator to the basement.  
(In this case, there are 2 jumps.)

$$7.14$$

Step 3:  
The decimal JUMPS back the same number of spaces.