

Box Method Multiplication - 3 Digits x 3 Digits Practice

Use the box model to solve the following questions

411x929=?

300x303=?

905x201=?

430x838=?

	900	20	9	$411 \times 929 = 381819$ $\begin{array}{r} 360000 \\ 8000 \\ + 3600 \\ 9000 \\ 200 \\ 90 \\ 900 \\ 20 \\ 9 \\ \hline 381819 \end{array}$
400	360000	8000	3600	
10	9000	200	90	
1	900	20	9	

	300	0	3	$300 \times 303 = 90900$ $\begin{array}{r} 90000 \\ 0 \\ + 900 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ \hline 90900 \end{array}$
300	90000	0	900	
0	0	0	0	
0	0	0	0	

	200	0	1	$905 \times 201 = 181905$ $\begin{array}{r} 180000 \\ 0 \\ + 900 \\ 0 \\ 0 \\ 0 \\ 1000 \\ 0 \\ 5 \\ \hline 181905 \end{array}$
900	180000	0	900	
0	0	0	0	
5	1000	0	5	

	800	30	8	$430 \times 838 = 360340$ $\begin{array}{r} 320000 \\ 12000 \\ + 3200 \\ 24000 \\ 900 \\ 240 \\ 0 \\ 0 \\ 0 \\ \hline 360340 \end{array}$
400	320000	12000	3200	
30	24000	900	240	
0	0	0	0	