

Box Method Multiplication - 3 Digits x 3 Digits Practice

Use the box model to solve the following questions

140x834=?

284x419=?

410x425=?

892x590=?

	800	30	4	$140 \times 834 = 116760$ $\begin{array}{r} 80000 \\ 3000 \\ + 400 \\ 32000 \\ 1200 \\ 160 \\ 0 \\ 0 \\ 0 \\ \hline 116760 \end{array}$
100	80000	3000	400	
40	32000	1200	160	
0	0	0	0	

	400	10	9	$284 \times 419 = 118996$ $\begin{array}{r} 80000 \\ 2000 \\ + 1800 \\ 32000 \\ 800 \\ 720 \\ 1600 \\ 40 \\ 36 \\ \hline 118996 \end{array}$
200	80000	2000	1800	
80	32000	800	720	
4	1600	40	36	

	400	20	5	$410 \times 425 = 174250$ $\begin{array}{r} 160000 \\ 8000 \\ + 2000 \\ 4000 \\ 200 \\ 50 \\ 0 \\ 0 \\ 0 \\ \hline 174250 \end{array}$
400	160000	8000	2000	
10	4000	200	50	
0	0	0	0	

	500	90	0	$892 \times 590 = 526280$ $\begin{array}{r} 400000 \\ 72000 \\ + 0 \\ 45000 \\ 8100 \\ 0 \\ 1000 \\ 180 \\ 0 \\ \hline 526280 \end{array}$
800	400000	72000	0	
90	45000	8100	0	
2	1000	180	0	