

Box Method Multiplication - 3 Digits x 3 Digits Practice

Use the box model to solve the following questions

$297 \times 270 = ?$

$520 \times 573 = ?$

$828 \times 822 = ?$

$661 \times 228 = ?$

	200	70	0	$297 \times 270 = 80190$ $\begin{array}{r} 40000 \\ 14000 \\ + \quad 0 \\ 18000 \\ 6300 \\ \quad 0 \\ 1400 \\ 490 \\ \quad 0 \\ \hline 80190 \end{array}$
200	40000	14000	0	
90	18000	6300	0	
7	1400	490	0	

	500	70	3	$520 \times 573 = 297960$ $\begin{array}{r} 250000 \\ 35000 \\ + \quad 1500 \\ 10000 \\ 1400 \\ \quad 60 \\ \quad 0 \\ \quad 0 \\ \quad 0 \\ \hline 297960 \end{array}$
500	250000	35000	1500	
20	10000	1400	60	
0	0	0	0	

	800	20	2	$828 \times 822 = 680616$ $\begin{array}{r} 640000 \\ 16000 \\ + \quad 1600 \\ 16000 \\ 400 \\ \quad 40 \\ 6400 \\ 160 \\ \quad 16 \\ \hline 680616 \end{array}$
800	640000	16000	1600	
20	16000	400	40	
8	6400	160	16	

	200	20	8	$661 \times 228 = 150708$ $\begin{array}{r} 120000 \\ 12000 \\ + \quad 4800 \\ 12000 \\ 1200 \\ 480 \\ 200 \\ \quad 20 \\ \quad 8 \\ \hline 150708 \end{array}$
600	120000	12000	4800	
60	12000	1200	480	
1	200	20	8	