

Box Method Multiplication - 3 Digits x 3 Digits Practice

Use the box model to solve the following questions

$723 \times 567 = ?$

$656 \times 167 = ?$

$829 \times 489 = ?$

$288 \times 522 = ?$

	500	60	7	$723 \times 567 = 409941$ $\begin{array}{r} 350000 \\ 42000 \\ + 4900 \\ \hline 10000 \\ 1200 \\ 140 \\ 1500 \\ 180 \\ 21 \\ \hline 409941 \end{array}$
700	350000	42000	4900	
20	10000	1200	140	
3	1500	180	21	

	100	60	7	$656 \times 167 = 109552$ $\begin{array}{r} 60000 \\ 36000 \\ + 4200 \\ \hline 5000 \\ 3000 \\ 350 \\ 600 \\ 360 \\ 42 \\ \hline 109552 \end{array}$
600	60000	36000	4200	
50	5000	3000	350	
6	600	360	42	

	400	80	9	$829 \times 489 = 405381$ $\begin{array}{r} 320000 \\ 64000 \\ + 7200 \\ \hline 8000 \\ 1600 \\ 180 \\ 3600 \\ 720 \\ 81 \\ \hline 405381 \end{array}$
800	320000	64000	7200	
20	8000	1600	180	
9	3600	720	81	

	500	20	2	$288 \times 522 = 150336$ $\begin{array}{r} 100000 \\ 4000 \\ + 400 \\ \hline 40000 \\ 1600 \\ 160 \\ 4000 \\ 160 \\ 16 \\ \hline 150336 \end{array}$
200	100000	4000	400	
80	40000	1600	160	
8	4000	160	16	