

Box Method Multiplication - 3 Digits x 3 Digits Practice

Use the box model to solve the following questions

$212 \times 287 = ?$

$408 \times 564 = ?$

$656 \times 922 = ?$

$256 \times 449 = ?$

	200	80	7	$212 \times 287 = 60844$ $\begin{array}{r} 40000 \\ 16000 \\ + 1400 \\ 2000 \\ 800 \\ 70 \\ 400 \\ 160 \\ 14 \\ \hline 60844 \end{array}$
200	40000	16000	1400	
10	2000	800	70	
2	400	160	14	

	500	60	4	$408 \times 564 = 230112$ $\begin{array}{r} 200000 \\ 24000 \\ + 1600 \\ 0 \\ 0 \\ 0 \\ 4000 \\ 480 \\ 32 \\ \hline 230112 \end{array}$
400	200000	24000	1600	
0	0	0	0	
8	4000	480	32	

	900	20	2	$656 \times 922 = 604832$ $\begin{array}{r} 540000 \\ 12000 \\ + 1200 \\ 45000 \\ 1000 \\ 100 \\ 5400 \\ 120 \\ 12 \\ \hline 604832 \end{array}$
600	540000	12000	1200	
50	45000	1000	100	
6	5400	120	12	

	400	40	9	$256 \times 449 = 114944$ $\begin{array}{r} 80000 \\ 8000 \\ + 1800 \\ 20000 \\ 2000 \\ 450 \\ 2400 \\ 240 \\ 54 \\ \hline 114944 \end{array}$
200	80000	8000	1800	
50	20000	2000	450	
6	2400	240	54	