

**Box Method Multiplication - 3 Digits x 3 Digits Practice**

Use the box model to solve the following questions


142x924=?


397x877=?


690x154=?


669x728=?

	900	20	4	$142 \times 924 = 131208$ $\begin{array}{r} 90000 \\ 2000 \\ + 400 \\ \hline 36000 \\ 800 \\ 160 \\ 1800 \\ 40 \\ 8 \\ \hline 131208 \end{array}$
100	90000	2000	400	
40	36000	800	160	
2	1800	40	8	

	800	70	7	$397 \times 877 = 348169$ $\begin{array}{r} 240000 \\ 21000 \\ + 2100 \\ \hline 72000 \\ 6300 \\ 630 \\ 5600 \\ 490 \\ 49 \\ \hline 348169 \end{array}$
300	240000	21000	2100	
90	72000	6300	630	
7	5600	490	49	

	100	50	4	$690 \times 154 = 106260$ $\begin{array}{r} 60000 \\ 30000 \\ + 2400 \\ 9000 \\ 4500 \\ 360 \\ 0 \\ 0 \\ 0 \\ \hline 106260 \end{array}$
600	60000	30000	2400	
90	9000	4500	360	
0	0	0	0	

	700	20	8	$669 \times 728 = 487032$ $\begin{array}{r} 420000 \\ 12000 \\ + 4800 \\ 42000 \\ 1200 \\ 480 \\ 6300 \\ 180 \\ 72 \\ \hline 487032 \end{array}$
600	420000	12000	4800	
60	42000	1200	480	
9	6300	180	72	