

Box Method Multiplication - 2 Digits x 3 Digits Practice

Use the box model to solve the following questions

$21 \times 833 = ?$

$31 \times 365 = ?$

$92 \times 447 = ?$

$43 \times 711 = ?$

$37 \times 354 = ?$

	800	30	3	$21 \times 833 = 17493$ $\begin{array}{r} 16000 \\ 600 \\ + \quad 60 \\ \quad 800 \\ \quad 30 \\ \quad \quad 3 \\ \hline 17493 \end{array}$
20	16000	600	60	
1	800	30	3	

	300	60	5	$31 \times 365 = 11315$ $\begin{array}{r} 9000 \\ 1800 \\ + \quad 150 \\ \quad 300 \\ \quad 60 \\ \quad \quad 5 \\ \hline 11315 \end{array}$
30	9000	1800	150	
1	300	60	5	

	400	40	7	$92 \times 447 = 41124$ $\begin{array}{r} 36000 \\ 3600 \\ + \quad 630 \\ \quad 800 \\ \quad 80 \\ \quad \quad 14 \\ \hline 41124 \end{array}$
90	36000	3600	630	
2	800	80	14	

	700	10	1	$43 \times 711 = 30573$ $\begin{array}{r} 28000 \\ 400 \\ + \quad 40 \\ \quad 2100 \\ \quad 30 \\ \quad \quad 3 \\ \hline 30573 \end{array}$
40	28000	400	40	
3	2100	30	3	

	300	50	4	$37 \times 354 = 13098$ $\begin{array}{r} 9000 \\ 1500 \\ + \quad 120 \\ \quad 2100 \\ \quad 350 \\ \quad \quad 28 \\ \hline 13098 \end{array}$
30	9000	1500	120	
7	2100	350	28	