

Box Method Multiplication - 2 Digits x 3 Digits Practice

Use the box model to solve the following questions

				$85 \times 315 = ?$

				$49 \times 631 = ?$

				$17 \times 222 = ?$

				$22 \times 439 = ?$

				$68 \times 681 = ?$

	300	10	5	$85 \times 315 = 26775$ $\begin{array}{r} 24000 \\ 800 \\ + 400 \\ 1500 \\ 50 \\ \underline{25} \\ 26775 \end{array}$
80	24000	800	400	
5	1500	50	25	

	600	30	1	$49 \times 631 = 30919$ $\begin{array}{r} 24000 \\ 1200 \\ + 40 \\ 5400 \\ 270 \\ \underline{9} \\ 30919 \end{array}$
40	24000	1200	40	
9	5400	270	9	

	200	20	2	$17 \times 222 = 3774$ $\begin{array}{r} 2000 \\ 200 \\ + 20 \\ 1400 \\ 140 \\ \underline{14} \\ 3774 \end{array}$
10	2000	200	20	
7	1400	140	14	

	400	30	9	$22 \times 439 = 9658$ $\begin{array}{r} 8000 \\ 600 \\ + 180 \\ 800 \\ 60 \\ \underline{18} \\ 9658 \end{array}$
20	8000	600	180	
2	800	60	18	

	600	80	1	$68 \times 681 = 46308$ $\begin{array}{r} 36000 \\ 4800 \\ + 60 \\ 4800 \\ 640 \\ \underline{8} \\ 46308 \end{array}$
60	36000	4800	60	
8	4800	640	8	