

Box Method Multiplication - 2Digit x 2Digit Practice

Use the box model to solve the following questions

 $45 \times 21 = ?$

 $29 \times 25 = ?$

 $76 \times 31 = ?$

 $22 \times 27 = ?$

 $57 \times 92 = ?$

 $59 \times 24 = ?$

 $23 \times 71 = ?$

 $17 \times 51 = ?$

 $49 \times 15 = ?$

 $86 \times 78 = ?$

 $64 \times 40 = ?$

 $86 \times 91 = ?$

	20	1	$45 \times 21 = 945$ $\begin{array}{r} 800 \\ 40 \\ + 100 \\ \hline 5 \\ 945 \end{array}$
40	800	40	
5	100	5	

	20	5	$29 \times 25 = 725$ $\begin{array}{r} 400 \\ 100 \\ + 180 \\ \hline 45 \\ 725 \end{array}$
20	400	100	
9	180	45	

	30	1	$76 \times 31 = 2356$ $\begin{array}{r} 2100 \\ 70 \\ + 180 \\ \hline 6 \\ 2356 \end{array}$
70	2100	70	
6	180	6	

	20	7	$22 \times 27 = 594$ $\begin{array}{r} 400 \\ 140 \\ + 40 \\ \hline 14 \\ 594 \end{array}$
20	400	140	
2	40	14	

	90	2	$57 \times 92 = 5244$ $\begin{array}{r} 4500 \\ 100 \\ + 630 \\ \hline 14 \\ 5244 \end{array}$
50	4500	100	
7	630	14	

	20	4	$59 \times 24 = 1416$ $\begin{array}{r} 1000 \\ 200 \\ + 180 \\ \hline 36 \\ 1416 \end{array}$
50	1000	200	
9	180	36	

	70	1	$23 \times 71 = 1633$ $\begin{array}{r} 1400 \\ 20 \\ + 210 \\ \hline 3 \\ 1633 \end{array}$
20	1400	20	
3	210	3	

	50	1	$17 \times 51 = 867$ $\begin{array}{r} 500 \\ 10 \\ + 350 \\ \hline 7 \\ 867 \end{array}$
10	500	10	
7	350	7	

	10	5	$49 \times 15 = 735$ $\begin{array}{r} 400 \\ 200 \\ + 90 \\ \hline 45 \\ 735 \end{array}$
40	400	200	
9	90	45	

	70	8	$86 \times 78 = 6708$ $\begin{array}{r} 5600 \\ 640 \\ + 420 \\ \hline 48 \\ 6708 \end{array}$
80	5600	640	
6	420	48	

	40	0	$64 \times 40 = 2560$ $\begin{array}{r} 2400 \\ 0 \\ + 160 \\ \hline 0 \\ 2560 \end{array}$
60	2400	0	
4	160	0	

	90	1	$86 \times 91 = 7826$ $\begin{array}{r} 7200 \\ 80 \\ + 540 \\ \hline 6 \\ 7826 \end{array}$
80	7200	80	
6	540	6	