

Box Method Multiplication - 3 Digits x 3 Digits Practice

Use the box model to solve the following questions

214x473=?

834x900=?

802x744=?

581x184=?

	400	70	3	$214 \times 473 = 101222$ 80000 14000 + 600 4000 700 30 1600 280 12 <hr style="width: 100%;"/> 101222
200	80000	14000	600	
10	4000	700	30	
4	1600	280	12	

	900	0	0	$834 \times 900 = 750600$ 720000 0 + 0 27000 0 0 3600 0 0 <hr style="width: 100%;"/> 750600
800	720000	0	0	
30	27000	0	0	
4	3600	0	0	

	700	40	4	$802 \times 744 = 596688$ 560000 32000 + 3200 0 0 0 1400 80 8 <hr style="width: 100%;"/> 596688
800	560000	32000	3200	
0	0	0	0	
2	1400	80	8	

	100	80	4	$581 \times 184 = 106904$ 50000 40000 + 2000 8000 6400 320 100 80 4 <hr style="width: 100%;"/> 106904
500	50000	40000	2000	
80	8000	6400	320	
1	100	80	4	