

Box Method Multiplication - 2 Digits x 3 Digits Practice

Use the box model to solve the following questions

$73 \times 421 = ?$

$14 \times 448 = ?$

$83 \times 413 = ?$

$97 \times 414 = ?$

$83 \times 328 = ?$

	400	20	1
70	28000	1400	70
3	1200	60	3

$73 \times 421 = 30733$

$$\begin{array}{r} 28000 \\ 1400 \\ + \quad 70 \\ 1200 \\ \quad 60 \\ \quad \quad 3 \\ \hline 30733 \end{array}$$

	400	40	8
10	4000	400	80
4	1600	160	32

$14 \times 448 = 6272$

$$\begin{array}{r} 4000 \\ 400 \\ + \quad 80 \\ 1600 \\ \quad 160 \\ \quad \quad 32 \\ \hline 6272 \end{array}$$

	400	10	3
80	32000	800	240
3	1200	30	9

$83 \times 413 = 34279$

$$\begin{array}{r} 32000 \\ 800 \\ + \quad 240 \\ 1200 \\ \quad 30 \\ \quad \quad 9 \\ \hline 34279 \end{array}$$

	400	10	4
90	36000	900	360
7	2800	70	28

$97 \times 414 = 40158$

$$\begin{array}{r} 36000 \\ 900 \\ + \quad 360 \\ 2800 \\ \quad 70 \\ \quad \quad 28 \\ \hline 40158 \end{array}$$

	300	20	8
80	24000	1600	640
3	900	60	24

$83 \times 328 = 27224$

$$\begin{array}{r} 24000 \\ 1600 \\ + \quad 640 \\ 900 \\ \quad 60 \\ \quad \quad 24 \\ \hline 27224 \end{array}$$