

Box Method Multiplication - 3 Digits x 3 Digits Practice

Use the box model to solve the following questions

$307 \times 853 = ?$

$839 \times 371 = ?$

$669 \times 535 = ?$

$222 \times 608 = ?$

	800	50	3
300	240000	15000	900
0	0	0	0
7	5600	350	21

$307 \times 853 = 261871$

$$\begin{array}{r}
 240000 \\
 15000 \\
 + \quad 900 \\
 \hline
 0 \\
 0 \\
 0 \\
 5600 \\
 350 \\
 21 \\
 \hline
 261871
 \end{array}$$

	300	70	1
800	240000	56000	800
30	9000	2100	30
9	2700	630	9

$839 \times 371 = 311269$

$$\begin{array}{r}
 240000 \\
 56000 \\
 + \quad 800 \\
 \hline
 9000 \\
 2100 \\
 30 \\
 2700 \\
 630 \\
 9 \\
 \hline
 311269
 \end{array}$$

	500	30	5
600	300000	18000	3000
60	30000	1800	300
9	4500	270	45

$669 \times 535 = 357915$

$$\begin{array}{r}
 300000 \\
 18000 \\
 + \quad 3000 \\
 \hline
 30000 \\
 1800 \\
 300 \\
 4500 \\
 270 \\
 45 \\
 \hline
 357915
 \end{array}$$

	600	0	8
200	120000	0	1600
20	12000	0	160
2	1200	0	16

$222 \times 608 = 134976$

$$\begin{array}{r}
 120000 \\
 0 \\
 + \quad 1600 \\
 \hline
 12000 \\
 0 \\
 160 \\
 1200 \\
 0 \\
 16 \\
 \hline
 134976
 \end{array}$$