

Box Method Multiplication - 2 Digits x 3 Digits Practice

Use the box model to solve the following questions

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |

$43 \times 740 = ?$

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |

$31 \times 915 = ?$

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |

$77 \times 122 = ?$

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |

$35 \times 706 = ?$

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |

$74 \times 873 = ?$

| | | | | |
|----|-------|------|---|--|
| | 700 | 40 | 0 | $43 \times 740 = 31820$ $\begin{array}{r} 28000 \\ 1600 \\ + \quad 0 \\ 2100 \\ 120 \\ \hline 0 \\ 31820 \end{array}$ |
| 40 | 28000 | 1600 | 0 | |
| 3 | 2100 | 120 | 0 | |

| | | | | |
|----|-------|-----|-----|---|
| | 900 | 10 | 5 | $31 \times 915 = 28365$ $\begin{array}{r} 27000 \\ 300 \\ + \quad 150 \\ 900 \\ 10 \\ \hline 5 \\ 28365 \end{array}$ |
| 30 | 27000 | 300 | 150 | |
| 1 | 900 | 10 | 5 | |

| | | | | |
|----|------|------|-----|---|
| | 100 | 20 | 2 | $77 \times 122 = 9394$ $\begin{array}{r} 7000 \\ 1400 \\ + \quad 140 \\ 700 \\ 140 \\ \hline 14 \\ 9394 \end{array}$ |
| 70 | 7000 | 1400 | 140 | |
| 7 | 700 | 140 | 14 | |

| | | | | |
|----|-------|---|-----|--|
| | 700 | 0 | 6 | $35 \times 706 = 24710$ $\begin{array}{r} 21000 \\ 0 \\ + \quad 180 \\ 3500 \\ 0 \\ \hline 30 \\ 24710 \end{array}$ |
| 30 | 21000 | 0 | 180 | |
| 5 | 3500 | 0 | 30 | |

| | | | | |
|----|-------|------|-----|---|
| | 800 | 70 | 3 | $74 \times 873 = 64602$ $\begin{array}{r} 56000 \\ 4900 \\ + \quad 210 \\ 3200 \\ 280 \\ \hline 12 \\ 64602 \end{array}$ |
| 70 | 56000 | 4900 | 210 | |
| 4 | 3200 | 280 | 12 | |