

**CALCULATION-06**

**MULTIPLICATION**

**CLASS NOTES**

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# CHRIS CROSS METHOD OF MULTIPLICATION

,

# 2 Digit × 2 Digit

Eg.

$$\begin{array}{r} 37 \\ \times 14 \\ \hline 518 \end{array}$$

②

Step I:

$$\begin{array}{r} 37 \\ 14 \end{array}$$

Step II:

$$\begin{array}{r} 37 \\ 14 \end{array}$$

$12 + 7 = 19$

Step III:

$$\begin{array}{r} 37 \\ 14 \end{array}$$

Eg.

$$\begin{array}{r} 23 \\ \times 13 \\ \hline 299 \end{array}$$

Eg.

$$\begin{array}{r} 34 \\ \times 24 \\ \hline 816 \end{array} \quad \begin{array}{l} \swarrow \\ 2 \end{array}$$

Eg.

$$\begin{array}{r} 57 \\ \times 74 \\ \hline 4218 \end{array}$$

Eg.

$$\begin{array}{r} 56 \\ \times 68 \\ \hline 3808 \end{array}$$

✓  
Eg.

$$\begin{array}{r} 79 \\ \times 86 \\ \hline 6794 \end{array} \quad 5$$

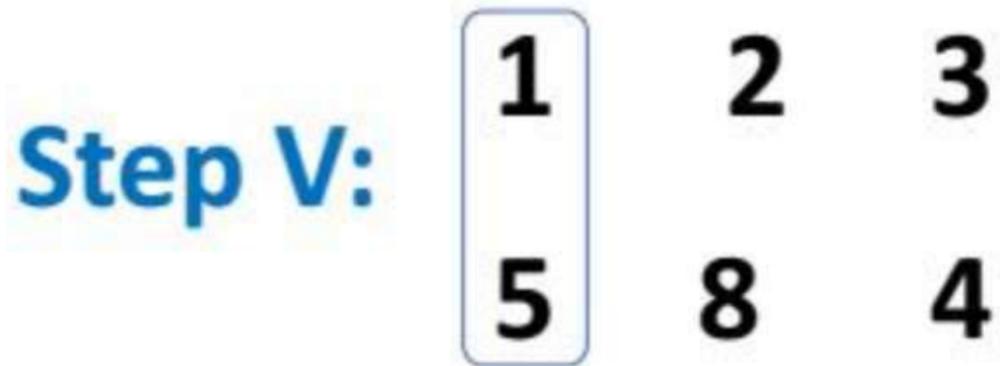
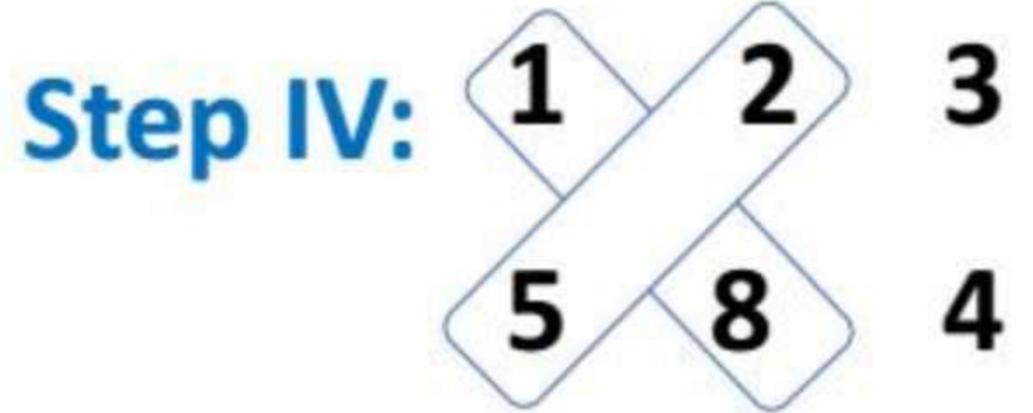
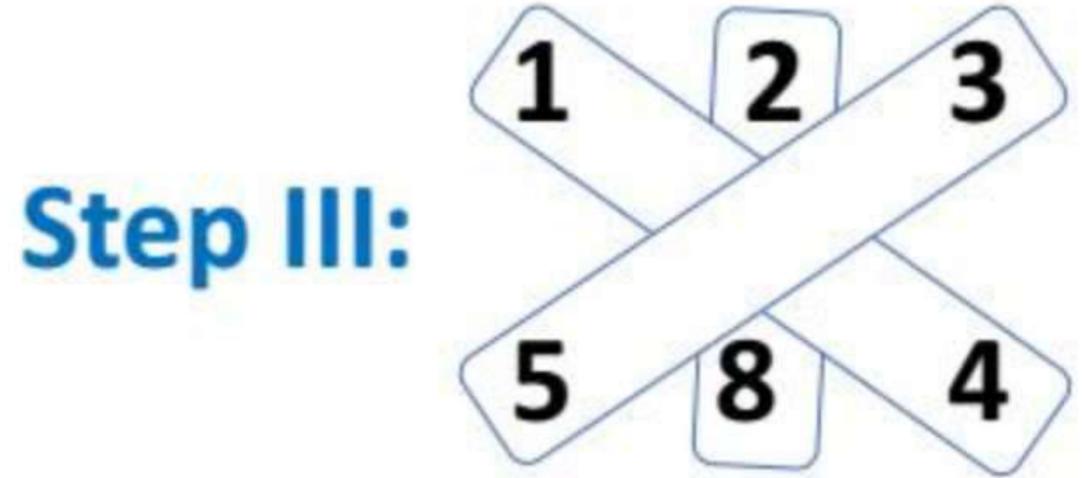
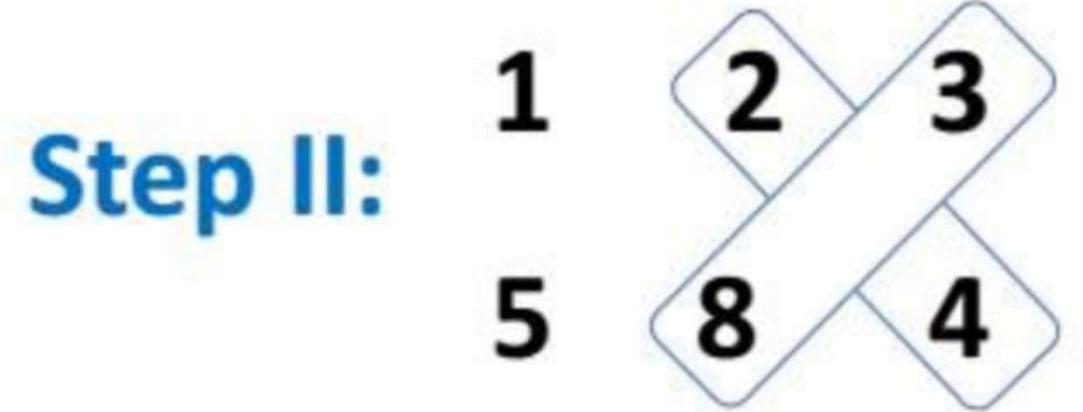
Eg.

$$\begin{array}{r} 69 \\ \times 83 \\ \hline 5727 \end{array} \quad \begin{array}{l} \cancel{2} \\ 9 \end{array}$$

Eg.

$$\begin{array}{r} 123 \\ \times 584 \\ \hline \end{array}$$

# 3 Digit × 3 Digit



$$\begin{array}{r} 123 \\ \times 584 \\ \hline 71832 \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 2 \end{array}$$

$$\begin{array}{r} x \begin{array}{c} 123 \\ \cancel{414} \end{array} \\ \hline 50922 \end{array}$$

1

Eg.

$$\begin{array}{r} 123 \\ \times 414 \\ \hline \end{array}$$

Eg.

$$\begin{array}{r} 153 \\ \times 461 \\ \hline \end{array}$$

$$\begin{array}{r} 153 \\ \times 461 \\ \hline 70533 \end{array}$$

Eg.

$$\begin{array}{r} 307 \\ \times 782 \\ \hline \end{array}$$

Eg.

$$\begin{array}{r} 513 \\ \times 694 \\ \hline \end{array}$$

Eg.

$$\begin{array}{r} 297 \\ \times 842 \\ \hline 25074 \end{array}$$

~~7~~  
~~4~~  
~~0~~  
0

$$\begin{array}{r} \times \quad \begin{array}{c} 329 \\ 063 \end{array} \\ \hline 20727 \end{array}$$

~~2061~~

# 3 Digit × 2 Digit

Eg.

$$\begin{array}{r} 537 \\ \times 049 \\ \hline 26313 \end{array}$$

⑥ ✓

2

Eg.

$$\begin{array}{r} 197 \\ \times 47 \\ \hline \end{array}$$

~~Eg.~~

$$\begin{array}{r} 589 \\ \times 034 \\ \hline 20026 \\ \hline \end{array}$$

# Practice Questions

Eg.

$$\begin{array}{r} 19 \\ \times 66 \\ \hline \end{array}$$

Eg.

$$\begin{array}{r} 79 \\ \times 33 \\ \hline \end{array}$$

# Practice Questions

Eg.

$$\begin{array}{r} 78 \\ \times 19 \\ \hline \end{array}$$

Eg.

$$\begin{array}{r} 69 \\ \times 26 \\ \hline \end{array}$$

# Practice Questions

Eg.

$$\begin{array}{r} 307 \\ \times 27 \\ \hline \end{array}$$

Eg.

$$\begin{array}{r} 639 \\ \times 37 \\ \hline \end{array}$$

# Practice Questions

Eg.

$$\begin{array}{r} 373 \\ \times 87 \\ \hline \end{array}$$

Eg.

$$\begin{array}{r} 269 \\ \times 41 \\ \hline \end{array}$$

# Practice Questions

Eg.

$$\begin{array}{r} 762 \\ \times 852 \\ \hline \end{array}$$

Eg.

$$\begin{array}{r} 529 \\ \times 139 \\ \hline \end{array}$$

# Practice Questions

Eg.

$$\begin{array}{r} 292 \\ \times 843 \\ \hline \end{array}$$

Eg.

$$\begin{array}{r} 633 \\ \times 796 \\ \hline \end{array}$$

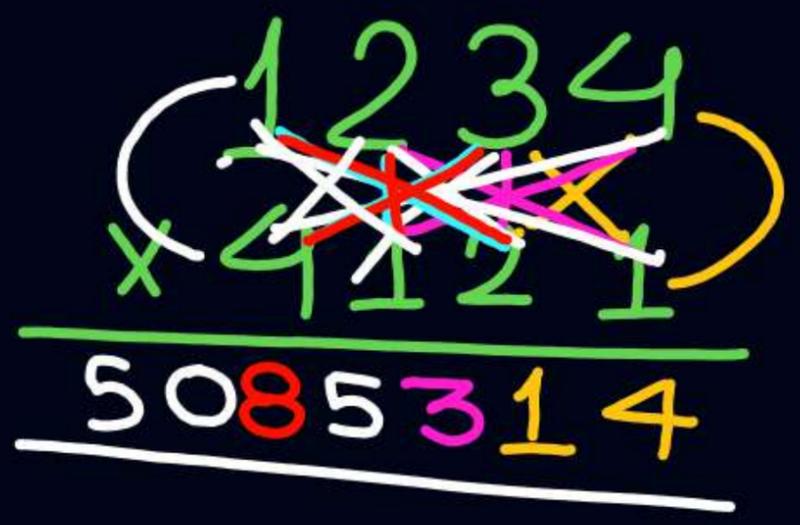
# Practice Questions

Eg.

$$\begin{array}{r} 984 \\ \times 513 \\ \hline \end{array}$$

Eg.

$$\begin{array}{r} 723 \\ \times 326 \\ \hline \end{array}$$



$$\begin{array}{r} 2324 \\ \times 5132 \\ \hline 11926768 \end{array}$$

1 2 ~~1~~ 3

(9867)  
~~X9273~~  
91496691

10

14

16

~~12~~  
8

$$\begin{array}{r} 532 \\ \times 417 \\ \hline 221844 \end{array}$$

52