

# Ways to Multiply & Divide

Ch-13

## Bela's Method

1)  $65 \times 31$

2)  $195 \times 32$

3)  $225 \times 22$

1)

$$\begin{array}{r} 65 \\ \times 31 \quad (30+1) \\ \hline 65 \quad (65 \times 1) \\ + 1950 \quad (65 \times 30) \\ \hline 2015 \end{array}$$

2)

$$\begin{array}{r} 195 \\ \times 32 \quad (30+2) \\ \hline 390 \quad (195 \times 2) \\ + 5850 \quad (195 \times 30) \\ \hline 6240 \end{array}$$

3)

$$\begin{array}{r} 225 \\ \times 22 \end{array} \quad \left( \begin{array}{l} \swarrow \quad \searrow \\ 20 + 2 \end{array} \right)$$

$$\begin{array}{r} 450 \quad (225 \times 2) \\ + 4500 \quad (225 \times 20) \\ \hline \end{array}$$

$$\hline 4950$$

# Home work

## Bela's Method

1)  $188 \times 91$

2)  $163 \times 42$

3)  $360 \times 12$

4)  $47 \times 19$

5)  $67 \times 18$