

THE GREAT DISCOVERY

OPERATIONS IN SCIENTIFIC NOTATION (S.N.)

ADDING OR SUBTRACTING IN S.N.

Ex:

$$(5.74 \times 10^5) + (3.2 \times 10^3)$$

$$\begin{array}{r} 5.74000 \\ 3.200 \end{array}$$

$$\begin{array}{r} 574000. \\ + \quad 3200. \\ \hline 577200. \end{array}$$

$$\boxed{5.772 \times 10^5}$$

Ex:

$$(2.79 \times 10^{-4}) - (8.7 \times 10^{-5})$$

$$\begin{array}{r} .000279 \\ .000087 \end{array}$$

$$\begin{array}{r} 0.000\overset{1}{2}79 \\ - 0.000087 \\ \hline 0.000192 \end{array}$$

$$\boxed{1.92 \times 10^{-4}}$$

Ex:

$$0.0045 - 2.8 \times 10^{-4}$$

$$0.0045 - 0.00028$$

$$\begin{array}{r} .0002.8 \end{array}$$

$$\begin{array}{r} 0.004\overset{4}{5}0 \\ - 0.00028 \\ \hline 0.00422 \end{array}$$

$$\boxed{4.22 \times 10^{-3}}$$