

What is SCIENTIFIC NOTATION?

Convenient way to write and work with very long numbers ("large" or "small").

Form: $a \times 10^n$, where:

$1 \leq a < 10$ and n is an integer

EX: 421,000

0.000862

$(3.42 \times 10^8)(1.1 \times 10^{-5})$

$$\frac{8 \times 10^{-1}}{16 \times 10^{-2}}$$