

Example:

$1.56 \times 10^{(4)}$ means move 4 places to the right

1.5600

15600

Example:

$2.789 \times 10^{(-6)}$ means move 6 places to left

000002.789

$.000002789$

Example:

0.000068 move to make a between 1 & 10

6.8×10^{-5} negative because 0.000068 is SMALLER than 1

6.8×10^{-5}

Example:

20,500,000 more to make a between 1 & 10

2.05×10^7 positive because 20,500,000 is BIGGER than 1

2.05×10^7