

\$3,600,000 → \$3.6 million

ex $93,400. \rightarrow 9.34 \times 10^4$ ← positive # (BIG)
 $0.0023 \rightarrow 2.3 \times 10^{-3}$ ← negative # (small)
 exponent
 how many places the decimal point moved

ex $1.02 \times 10^5 \rightarrow 102,000$ ← positive (BIG) move decimal point RIGHT
 $4.031 \times 10^{-2} \rightarrow 0.04031$ ← negative (small) move decimal point LEFT

ex $67,000. \rightarrow 6.7 \times 10^{+4}$ ← BIG
 $0.000812 \rightarrow 8.12 \times 10^{-4}$ ← small

$7.45 \times 10^6 \rightarrow 7,450,000$ OR ~~$0.000007.45$~~
 ~~0.000000745~~

$3.22 \times 10^{-4} \rightarrow 0.000322$
 small
 move decimal LEFT 4