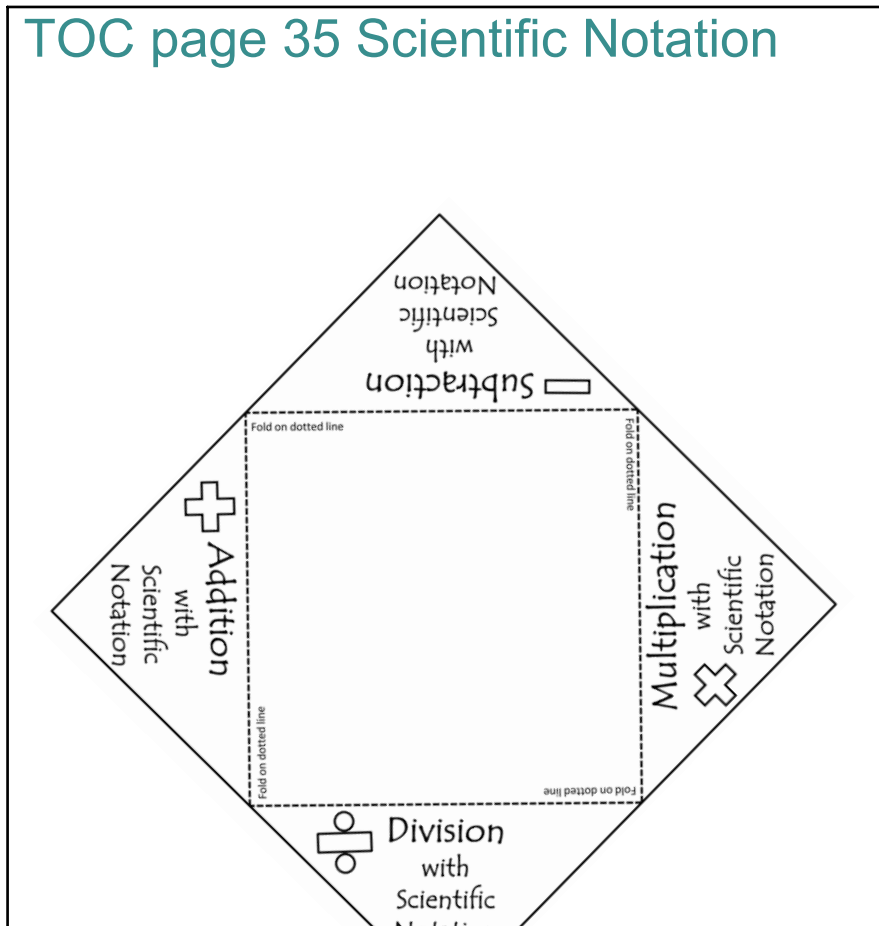


TOC page 35 Scientific Notation



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Decimal \rightarrow Scientific
 move decimal to make number in the ones place greater than or equal to 1 but less than 10.
 *Start as a whole
 # = Positive exponent

Scientific \rightarrow Decimal
 Positive Exponent: move decimal to the right. Negative Exponent: move decimal to the left
 *Think of a # line

*Start as a decimal = negative exponent.

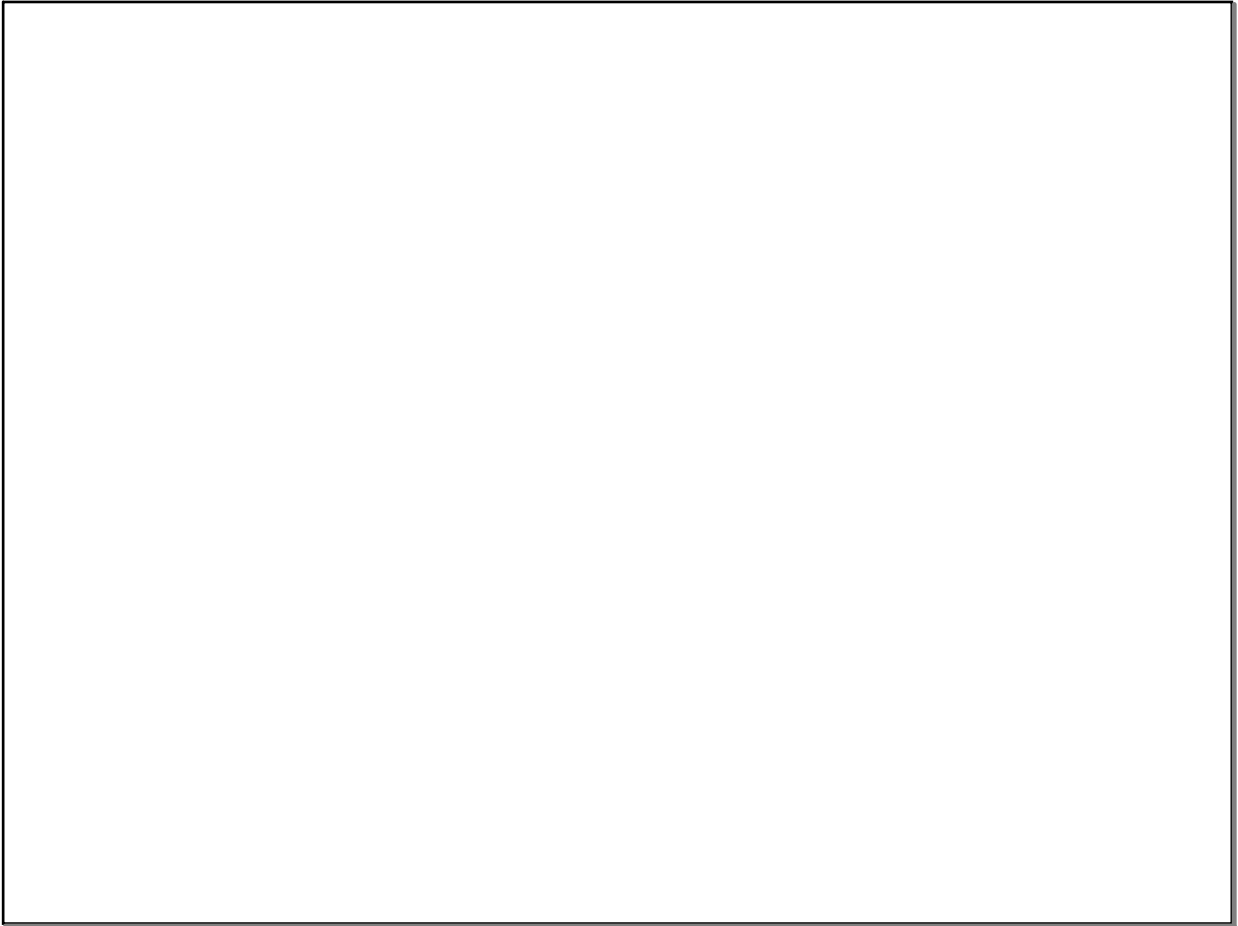
ex: $2,400,000$
 2.4×10^6

ex: $.000002$
 2×10^{-6}

ex: -5.8×10^6
 $-58,000,000$
 $5,800,000$

ex: 1.35×10^{-4}
 $.000135$

Sep 13-6:37 PM



Sep 8-2:21 PM