MODULE 4: SCIENTIFIC NOTATION

"THINGS WORK OUT BEST FOR THOSE WHO

MAKE THE BEST OF HOW THINGS WORK OUT."

4.3 SCIENTIFIC NOTATION

Standard Form to Scientific Notation

Count how many spaces the decimals moves, to the left/right.

Rule is to have one *non-zero number* in front of the decimal.

_____ *numbers* will have positive (+) exponent.

_____ *numbers* will have a negative (–) exponent.

Standard Form	Scientific Notation
2,500,000	_____
0.000123	_____
–0.00000000004	_____

Scientific Notation to Standard Form

_____ exponents, moves the decimal to the _____.

_____ exponents, moves the decimal to the _____.

Scientific Notation	Standard Form
-3.25×10^{5}	_____
5×10^{-7}	_____
-1.8×10^{-1}	_____

Homework Checklist

- ☐ *Section 4.3 Scientific Notation*
- ☐ *Module 4: Exponents and Polynomials*