

Scientific Notation

Very large and very small numbers are often written in scientific notation so numbers can be computed easily and as a means of saving space. Even calculators use scientific notation when computing with large or small numbers.

To write a number in scientific notation,

you rewrite the number as a product of a number between one and ten and some power of ten.

Example Write 420 in scientific notation.

I must rewrite 420 as a product of a number between one and ten and some power of 10.

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$$\underline{\quad} \times 10^?$$