

Scientific Notation

	To Scientific Notation	To Standard Form
Numbers > 1 Or Positive Exponent on 10	Move decimal left until there is only one non-zero digit to the left of the decimal; the number of places moved is the exponent on ten and is positive	Move decimal right a number of places equal to the exponent on ten; fill in any empty spots with zeros
Numbers < 1 Or Negative Exponent on 10	Move decimal right until there is only one non-zero digit to the left of the decimal; the number of places moved is the exponent on ten and is negative	Move decimal left a number of places equal to the exponent on ten; fill in any empty spots with zeros