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Scientific Notation

$$M \times 10^n$$
$$1 \leq M < 10$$
$$n \equiv \text{Whole Number}$$

$$1255 \text{ miles} = 1.255 \times 10^3 \text{ miles}$$

$$0.03 \text{ cm} = 3 \times 10^{-2} \text{ cm}$$

$$486 \text{ yards}^2 = 4.86 \times 10^2 \text{ yards}^2$$

$$31500000 \text{ people} = 3.15 \times 10^8 \text{ people}$$

$$0.000194 \text{ meters} = 1.94 \times 10^{-4} \text{ meters}$$

$$3.4 \times 10^1 \text{ minutes} = 34 \text{ minutes}$$

$$2 \times 10^4 \text{ days} = 20000 \text{ days}$$

$$8.4 \times 10^{-3} \text{ seconds} = 0.0084 \text{ seconds}$$

$$1 \times 10^3 \text{ kilograms / meter}^3 = 1000 \text{ kilograms / meter}^3$$

$$9.5 \times 10^{-1} \text{ meters}^2 = 0.95 \text{ meters}^2$$