

Greek numerals; and the subdivisions following the same order, by *deci*, *centi*, *milli*, from the Latin numerals.

By careful measurement the metre was found to be 39.3707904 English inches; and standards of the metre and of the kilogram were constructed, and deposited among the archives of France, where they remain.

But in American measure the *metre* is 39.36850535 inches: the American standard yard being longer than the English by 0.00087 inch.

A foot as established by law in the United States equals $\frac{12}{39.1012}$ of the length of a seconds-pendulum in the City Hall of the city of New York.

The *Are* is the unit of surface in the metric system, and contains 100 square *metres*, which equal 119.6 square yards.

The *Litre* is the unit of the measures of capacity, both dry and liquid and is the volume of a cubic decimetre containing 1.0567 liquid quarts.

The *Kilogram* equals in weight 2.2046 pounds.

The *Gram* equals in weight 15.432 grains avoirdupois.

It is a decimal system, wonderful in its simplicity, and of unvarying perfection; under it there is but one kind of weight or measure or