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MATHEMATICAL MEASURES

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MULTITUDE

- NUMERICALS

I To the Measure whereby we judge of the MULTITUDE of things may **be** annexed NUMBER, enumerate, reckon, compute, muster, count, re-count, Tale, tell, Arithmetic, Cyphering. If the way of Numeration were now to **be** stated, it would seem more convenient to determine the first Period or Stand at the number Eight, and not at Ten; because the way of Dichotomy or Bipartition being the most natural and easie kind of Di|vision, that Number is capable of this down to **an** Unite, and according to this should **be** the several denominations of all other kinds of Measures, whether of Capacity, Gravity, Valor, Duration. So eight Farthings would make a Penny, eight Pence a Shilling, eight Shillings **an** Angel, eight Angels a Pound. So eight Grains should make a Scruple, eight Scruples a Dram, eight Drams **an** Ounce, eight Ounces a Pound, &c. But because general custom **hath** already agreed upon the decimal way, therefore I shall not insist upon the change of it.

The different degrees of Number generally received, are these.

- 1 ONE, Ace, Vnite, Once, First, Imprimis, Single.
- 2 TWO, a Couple, a Brace, a Pair, a Yoke, Second-ly, Twice, Double, Twofold, Bipartite.
- 3 THREE, a Leash, Ternary, Trey, Third-ly, Tertian, Thrice, Treble, Threefold, Tripartite, Trine-ity.
- 4 FOUR, Fourth-ly, Quartan, Quaternion, Fourfold, Quadruple, Qua|drupartite. Quartile.
- 5 FIVE, Fifth-ly, Quintuple, Fivefold.
- 6 SIX, Sixth-ly, Sixfold, Sextuple, Sextile, Senary.
- 7 SEVEN, Seventh-ly, Septuple, Sevenfold.
- 8 EIGHT, Eighth-ly, Octuple, Eightfold.
- 9 NINE, Ninth-ly, Ninefold.

MAGNITUDE

LENGTH

These measures of MAGNITUDE (to which may **be** annexed the No|tion of CONTENT) may **be** reduced to these Heads.

- 1 Line.
- 2 INCH.
- 3 FOOT.
- 4 STANDARD.

- 5 PEARCH.
- 6 FURLONG.
- 7 MILE.
- 8 LEAGUE.
- 9 DEGREE.
- दश - सप्तविंशति (ronna , planck)
- दश - चतुर्विंशती (yotta , yocto)
- दश - एकविंशति (zetta , zepto)
- दश - अष्टदश (exa , atto)
- दश - पंचदश (peta , femto)
- दश - द्वादश (tera , pico)
- दश एकादश (
- दश - दश
- दश - नाव (giga , nano)
- दश - अष्ट (
- दश - सप्त
- दश - षष्ट (micron , mega)
- दश - त्रि (kilo , milli)
- दश - द्वि (- शत - 100 , centi , hecto)
- दश - एक (deci , deca)
- एक (metre)

पदाणु (decimeter) पदाण्ड (

मान	चिह्न	नाम		मान	चिह्न	नाम
10-1 m	dm	दशमान / दशमाणु	101 m	dam	दशमान / दशमाण्ड	दशमान
10-2 m	cm	शतिमान / शतिमाणु	102 m	hm	शतमान / शतमाण्ड	10-2 m
10-3 m	mm	सहस्रमान / सहस्रमाणु	103 m	km	सहस्रमान / सहस्रमाण्ड	10-3 m
10-6 m	µm	प्रयुतिमान / प्रयुतिमाणु	106 m	Mm	प्रयुतमान / प्रयुतमाण्ड	10-6 m
10-9 m	nm	व्यब्जमान / व्यब्जमाणु	109 m	Gm	अब्जमान / अब्जमाण्ड	10-9 m
10-12 m	pm	विशंखमान / विशंखमाणु	1012 m	Tm	शंखमान / शंखमाण्ड	10-12 m
10-15 m	fm	विपतिमान / विपतिमाणु	1015 m	Pm	पतिमान / पतिमाण्ड	10-15 m
10-18 m	am	एट्टोमान / एट्टोमाणु	1018 m	Em	एक्समान / एक्समाण्ड	10-18 m
10-21 m	zm	ज़ेप्टोमान / ज़ेप्टोमाणु	1021 m	Zm	ज़ेड्टमान / ज़ेड्टमाण्ड	10-21 m
10-24 m	ym	योक्टोमान / योक्टोमाणु	1024 m	Ym	योड्टमान / योड्टमाण्ड	10-24 m

CAPACITY

And so for Measures of Capacity: The cubical content of this Standard may be called the Bushel: the Tenth part of the Bushel, the Peck; the Tenth part of a Peck, a Quart; and the Tenth of that, a Pint, &c. And so for as many other Measures upwards as shall be thought expedient for use.

मात्रा	चिह्न	नाम		मात्रा	चिह्न	नाम
10-1 m	dm	दशमात्राणु	101 m	dam	दशमात्रण्ड	दशमान
10-2 m	cm	शतिमात्राणु	102 m	hm	शतमात्रण्ड	10-2 m
10-3 m	mm	सहस्रमात्राणु	103 m	km	सहस्रमात्रण्ड	10-3 m
10-6 m	µm	प्रयुतिमात्राणु	106 m	Mm	प्रयुतमात्रण्ड	10-6 m
10-9 m	nm	व्यब्जमात्राणु	109 m	Gm	अब्जमात्रण्ड	10-9 m

मात्रा	चिह्न	नाम		मात्रा	चिह्न	नाम
10-12 m	pm	विशंखमात्राणु	1012 m	Tm	शंखमात्रण्ड	10-12 m
10-15 m	fm	विपतिमात्राणु	1015 m	Pm	पतिमात्रण्ड	10-15 m
10-18 m	am	एट्टोमात्राणु	1018 m	Em	एक्समात्रण्ड	10-18 m
10-21 m	zm	जेप्टोमात्राणु	1021 m	Zm	जेट्टमात्रण्ड	10-21 m
10-24 m	ym	योक्टोमात्राणु	1024 m	Ym	योट्टमात्रण्ड	10-24 m

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