

Time

Simple idea - no definition
— Recurs our notions by success
of thoughts or perceptions
— Beats of a watch - Blow
— Convey idea of duration inter-
posed between them

— 3 Beat - equality is felt -
no exact estimate - But time
a proper quantity - Meas: by
it self

— Instants no part of time but
boundaries of the intervals be-
tween them - *

- Estimate manerals
- N^o of Objects -
- Quality as well as quantity
- Example -

Shakespeare - 3 Act as you ^{is} like
Dialogue between Orlando
and Rosalinda -

- Some recourse to extended
objects -

- Analogy between Space
and time - Long, Short
before, behind, ~~it~~ - Near
after - space - intervals

Distant - to Space, bounded
+ Time expressed by a Line
— Measured by Motion
— Line - Point move -
— Interval - Equal Subdiv
represent equal portions of
Duration -

+ External objects -

1. Diurnal - Motion -

2. Changes of the Moon

3. Changes of the Year

— all Equal at first -

— Other periods —

— Lunar Cycle

— Solar Cycle — Indeb. - Jus

— Epact - New year day —

— Leap year —

Time
Intervals Number two
Different ways —
Cardinal — Ordinal

— In both methods any particular
number is used during one
complete interval —

— One expresses the whole
elapsed interval, the other
a particular current year
of that interval —

— One How old are you?
In what year of your age?

2 Numerical Def: = one of
+ of the Cardinal mode
Number at the end of the space
other at the beginning

— Cardinal Number begins &
ends with the interval to which
it refers

— Cardinal begins and ends with
the following interval —

x The Instant of terminating one
is the same as began the follow

+ Any year of our Area — by
either mode, but cannot by
both

+ Should the Cardinal mode have
been adopted, — Cent: E. with 1799
— Ord. m. — — — — — with 1800

+ Examples of both modes

1. Scale of Equal parts

2. Lat. Longitude. —————

3. Sign — Aries —————

x 1st Year of the French R. —

2. Reign —

Narrow compass —
Which mode has been adopted
Whether present year a Canon
not an Ordinal Number —
+ Impossible to Demonstrate
— Epoch uncertain 4 or 5 years
— Practice — Authority. —

Doctor Robertson
Gibbon - European
Encyclopaedia B. Fraye

Portor Mayfair — 1
" In the byes of the 10 Cent
voy a. D. 1760 —
+ Tables — both ways —
+ Lande — Vol. 2 Calend.
— Servira par tout le Siecl
19. qui commence en 1800 —
+ Common Prayer —
" For the next century that
" is from 1800 to 1899 is —
" Answer
Editions 54 & 94 —

Common Practice in
Action in Counties. —

* As no two points of
space are coincident
so no two intervals of
time are coincident

— Numerical Distinction of
between two points of S
is Distance; two intervals
of time that they are
successive

— Hence Time is divisible
without end. No interval
so short but that an event
may happen after its beg'
but before its end. —

As space is unbounded
So Time - eternal - *

- Era of every event - all things
are placed in the order of
situation
~~duration~~, all events happen
in time in the order of suc-
cession

+ Absolute - Relative

- Two men round the globe

- Two men cannot be per-
ceived - conducting vessels
in parts -