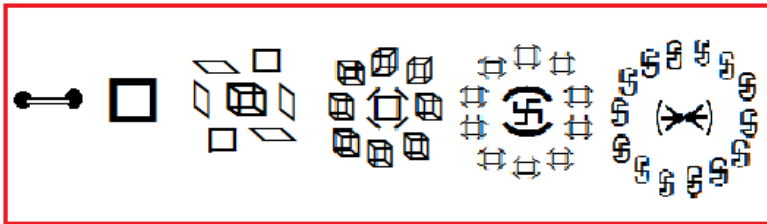


# VEDIC MATHEMATICS

&

# MODERN MATHEMATICS

## SATHAPATYA MEASURING ROD

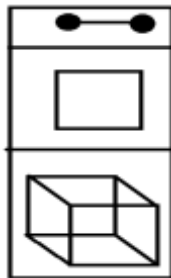


(HYPER CUBES 1 TO 6)

Ninth Week : Day 2

Synthetic set ups of pair of intervals,  
 pair of squares and pair of cubes

- Letters have a fresh look at the set ups of interval, square and cube and comprehend that these are respectively of structural components (3, 9, 27).

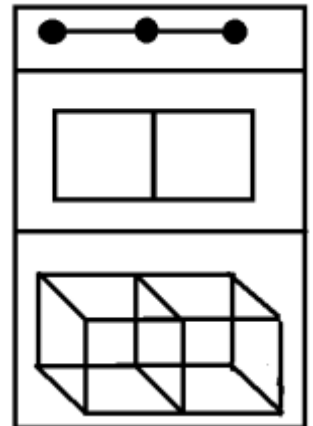


- It would be blissful to note that  $3 = (1 + 2)^1$
- $9 = (1 + 2)^2$
- $27 = (1 + 2)^3$

- Let us have a pause here and have a fresh look at the set ups of synthetic set ups of pair of intervals, pair of square and pair of cubes and take note that structural components of synthetic set up of pair of interval is  $(3 + 3 - 1) = 5$ .

- The structural components of the synthetic set up of a pair of squares comes to be  $(9 + 9 - 3) = 15$ .

- The structural components of synthetic set up of the pair of cubes is  $(27 + 27 - 9) = 45$



- One may have a pause here and take note that the synthetic set ups of pair of intervals absorbs '1' structural unit.
- The synthetic set ups of pair of squares absorbs '3' structural units

10. The synthetic set ups of pair of cubes absorbs '9' structural units
11. One may have a pause here and take note that the synthetic set ups of pair of intervals, pair of squares and pair of cubes, as above are the synthetic set ups of 1-space, 2-space and 3-space as domain folds.
12. One may further have a pause here and recapitulate that the synthesis of dimensions have distinct absorption values.
13. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of deep trans and to glimpse the distinct absorption value for synthesis of dimensions and of domains.
14. It is this distinction, which deserve to be comprehended well and to be appreciated thoroughly.
15. One may further have a pause here and take note that interval is structurally of the format of hyper cube 1 of four fold manifestation format parallel to quadruple numbers (-1, 0, 1, 2).
16. Square is structurally of the format and features of hyper cube-2 of four fold manifestation layer parallel to quadruple artifices (0, 1, 2, 3).
17. A step ahead cube is structurally of the format of hyper cube-3 of four fold manifestation layer parallel to quadruple numbers (1, 2, 3, 4).
18. One may have a pause here and have a fresh look at the synthetic set ups of pair of intervals, pair of squares and pair of cubes, it would come to focus that the synthetic joint of pair of intervals is a single point.
19. The synthetic joints of pair of squares is single interval.
20. The synthetic joint of a pair of cubes is a single square.
21. This as such shall be bringing to focus that hyper cubes 0, 1, 2 and 3 are respectively playing the roles of synthetic joints of pair of intervals, pair of squares and pair of cubes in that sequence and order.
22. One may further have a pause here and take note that hyper cube-0 plays the role of synthetic joint for the pair of intervals and 0-space plays the role of boundary of 1-space.
23. Hyper cube-1 plays the role of synthetic joint of a pair of squares and 1-space plays the role of boundary of 2-space.
24. Hyper cube-2 plays the role of synthetic joint of a pair of cubes and 2-Space plays the role of boundary of 3-space.
25. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of deep trans and to glimpse above features of synthetic set ups.
26. The chase of synthetic set ups of pair of interval, two pairs of squares, four

pairs of cubes will further bring us face to face with the organization features of domain folds which deserve to be chased.

27.  $8 = (2)^3$  cubes shall be leading to  $(5)^3$  structural components.
28. Ahead  $27 = (3)^3$  shall be leading to  $(7)^3 = 343$  structural components.
29. One may have a pause here and take note that the  $(1) = 1^3$ ,  $8 = 2^3$ ,  $27 = 3^3$ . -- cubes sequence shall be leading to  $3^3 = 27$ ,  $5^3 = 125$ ,  $7^3 = 343$ , -- structural components
30. One may have a pause here and permit the transcending mind to glimpse that 1-space has 3 geometries, 2-space has 5 geometries, 3-space has 7 geometries and so on.
31. One may further have a pause here and take note that structural components sequence is inherently linked with geometries ranges sequence of spaces (3, 5, 7, ---)
32. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of deep trans and to glimpse this inter linking relationship of structural components of the domain fold of 3-Space.

