

**Vedic Mathematics, Science & Technology
Teacher Course**

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NUMBER VALUE 21, 22, 23, 24

This day the course focus is upon 'Number value 21, 22, 23, 24'. It four folds aspects being taken up are as follows:

- 97. Number value 21.
- 98. Number value 22.
- 99. Number value 23.
- 100. Number value 24.

The values being covered are to be taught as lessons numbers 97 to 100 to the students of 6-space Vedic Mathematics, Science & Technology.

LESSON-97

NUMBER VALUE 21

- 1. Rig Ved has 21 branches.
- 2. Sathapatya measuring rod presided by lord Vishnu is a synthetic set up of hyper cubes 1 to 6 'ment' for chase of self-referral domain (6-space domain).
- 3. Set up of hyper cubes 1 to 6 leads to $(1 + 2 + 3 + 4 + 5 + 6) = 21$ number of dimensions.

4. Self-referral domain (6-space), in the role of dimension create Natural domain (Asht Prakarti / 8-space domain).
5. Self-referral dimensional order (6-space role of dimension of 8-space) give rise to measure (6 as 1 and 1 as 6).
6. Working with measuring unit (6 as 1 and 1 as 6) gives rise to single Rig Ved Samhita of integrated values of all the 21 branches of Rig Ved Samhita.
7. We are fortunate to have Shakala Rig Ved Samhita with us intact from its first syllable to its last (432000th) syllable.
8. With it, as the traditions go, we may presume that the seed values of Rig Ved are lively within this scripture and by approaching it the Vedic way, we may an liven of all the branches of Rig Ved.
9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
10. One may have a pause here and take note that Sathapatya Upved is the Upved of Rig Ved.
11. Sathapatya Upved settles Sathapatya measuring rod.
12. Chase along the format of Sathapatya measuring rod of the organization and knowledge of Shakala Rig Ved Samhita has the promise to lead us to the whole range of Rig Ved domain.
13. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
14. Sadhakas fulfilled with intensity of urge to know and to explore further shall initiate oneself to glimpse and

imbibe the values of organization and knowledge of Shakala Rig Ved Samhita.

15. One may have a pause here and take note that the knowledge and organization of knowledge run parallel to each other like pure and applied values run parallel to each other.
16. As such, every Vedic scripture fully imbibes this feature.
17. It would be a blissful to take note that knowledge of the Shakala Rig Ved Samhita can be approach in terms of organization of this scripture, and further organization of this scripture can be approached in terms of knowledge of scripture, taking that, the knowledge and organization of scripture are complementary and supplementary of each other.
18. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
19. It would be a blissful exercise to revisit number value 21 and to glimpse its value in terms of its organization.
20. It would be a blissful to take note that with choices from the range of value 1 to 21, the reach would be for value 21 in as many as 2^{20} times.



LESSON-98

NUMBER VALUE 22

1. Number value 22 is parallel to summation value of four folds manifestation layer (4, 5, 6, 7) of hyper cube 6, the representative regular body of 6-space within 4-space

manifesting along a format of Idol of Lord Brahma, creator the supreme and over Lord of 4-space and the presiding deity of measure of the Sathapatya measuring rod.

2. Number value 22 marks its presence 2^{21} times with choices from values range 1 to 22, of which one choice is the value 22 itself, the second would be $22 = 1 + 21$ and finally the last 2^{21} th choice would be $22 = (1 + 1 + 1 + \dots + 1)$ (22 times value 1).
3. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
4. It would be blissful to take note that (20, 22) pairing format is format of (dimension, domain).
5. Likewise the feature of pairing format for (22, 24).
6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
7. It would be blissful that the hyper cube 45 shall be of $(2 \times 22 + 1) = 45$ versions which accepts the organization as $45 = (1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9)$.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
9. Let us glimpse and imbibe the richness of the format of hyper cube 6 by approaching its each fold being the space content permitting transcendence to its dimensional order.

10. One may have a pause here and take note that 4-space is a spatial order space and representative regular body of 4-space is hyper cube 4 as a four folds manifestation layer (1, 2, 3, 4) of summation value 14.
11. A step ahead, 5-space is a solid order space and it creates in manifested form format of hyper cube 5 has a four folds manifestation layer (3, 4, 5, 6) of summation value 18.
12. 6-space with creative dimensional order creates a manifested form the format of hyper cube 6 as a four folds manifestation layer (4, 5, 6, 7) of summation value 22.
13. Finally, 7-space is of a transcendental dimensional order and the manifested creation of format of hyper cube 7 is a four folds manifestation layer (5, 6, 7, 8) of summation value 26.
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
15. It would be a blissful to sequentially chase four folds of hyper cube 6 with each fold, itself being a four folds manifestation layer and thereby would emerge a range of as many as 16 folds which shall be permitting organization of the format of 4x4 grids.



LESSON-99

NUMBER VALUE 23

1. Transcendental code value parallel to number value 23 brings us face to face with formulation **Sahastra** (thousand) and formulation **Aananta** (endless).
2. Further the pair of digit (2, 3) availed for value 23 and the sequence of their placement at unit and ten place values, further bring us face to face with transition phenomenon from spatial order set up to solid order set up.
3. One may have a pause here and take note that the manifestation of solid order upon spatial order format of 4-space, in its reverse orientation amounts to solid order carrying spatial order during transcendence from solid order origin into spatial order of domain of 4-space.
4. It leads to feature of superimposition of manifested fold set up.
5. It shall be leading us to amongst others, one organization for number value 23 as $23 = (3 + 5) + (3 \times 5)$.
6. This domain, dimension superimposition feature, in its generality, it leads us to value $(N-2)+N+(N-2) \times N = N^2-2$.
7. One may have a pause here and take note that this reach for N-space to (N^2-2) as dimension, will lead to N^2 , as domain.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
9. It would be a blissful to reach at above features and values by putting values for N as $N = (1, 2, 3, 4 \dots)$.
10. For facility of one's evaluate of one's comprehension of feature values the tabulating reach there under for $N = (1, 2, 3, 4, 5, 6, 7, 8, 9)$:

S. No	N	$(N-2)+N$	$(N-2) \times N$	Value reach	Value reach +2
1	-	-	-	-	-
2	-	-	-	-	-
3	3	1x3	1+3	7	9
4	4	2x4	2+4	14	16
5	5	3x5	3+5	23	25
6	6	4x6	4+6	34	36
7	7	5x7	5+7	47	49
8	8	6x8	6+8	62	64

11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
12. It would be a blissful exercise to sequentially revisit above reach for the N^2 domain value as a result of superimposition feature of dimension and domain.
13. It would be a blissful to glimpse and imbibe the rich for n^2 domain with N^2-2 as its dimension.
14. In the context, it would be a blissful to glimpse and chase transition from N^2 domain into $(N+1)^2$ domains.
15. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
16. It would be a blissful to glimpse square domain in the role of dimension.



LESSON-100

NUMBER VALUE 24

1. Number value 24 is parallel to dimensional value of 6 creative order dimensions constituting a creative dimensional frame for self-referral domain.
2. Number value 24 accepts the organization as:
 - i. $24 = 2 \times 12 = 3 \times 8 = 4 \times 6$.
3. These triple organizations of value 24 sequentially accept (2, 3, 4) as its proper factors.
4. One may have a pause here and take note that as 4-space is a spatial order space, as such creative dimension (4-space as dimension) shall be leading to 2-space as dimension of dimension of 6-space.
5. It has such shall be leading us to values triple 2, 4, 6 of summation value 12 and of product value 48 and both leading to grand summation value $12 + 48 = 60$ which is parallel to $12 \times 5 = 60$ coordinate fixation of the transcendental boundary of 12 components of self-referral domain.
6. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
7. In general, it lead us to value $(N) \times (N-2) \times (N-4) + (N) + (N-2) + (N-4) = (N^3 - 6N^2 + 8N) + (3N - 6) = (N^3 - 6N^2 + 11N + 2)$.
8. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.

9. It would be a blissful exercise to chase above feature and its value for $N = (1, 2, 3, 4, 5, 6, 7, 8, 9)$.
10. For facility of evaluation one's comprehension about its feature and value, tabulation is being drawn here under:

N	$N \times (N-2) \times (N-4)$	$N+(N-2)+(N-4)$	Total
1	-	-	-
2	-	-	-
3	-3	3	0
4	0	6	6
5	15	9	24
6	48	12	60
7	105	15	120
8	192	18	210
9	-	-	-

11. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe the above formats features and values.
12. It would be a blissful to revisit the range of above total values for $N = (1, 2, 3, 4, 5, 6, 7, 8, 9 \dots)$
13. The values range $(\dots, 60, 120, 210, \dots)$ has a definite sequential progression rule which deserves to be comprehended well in terms of value unit 30 which is the summation value of four fold manifestation layer of hyper cube 7.
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of

trans and to glimpse and imbibe the above formats
features and values.

