

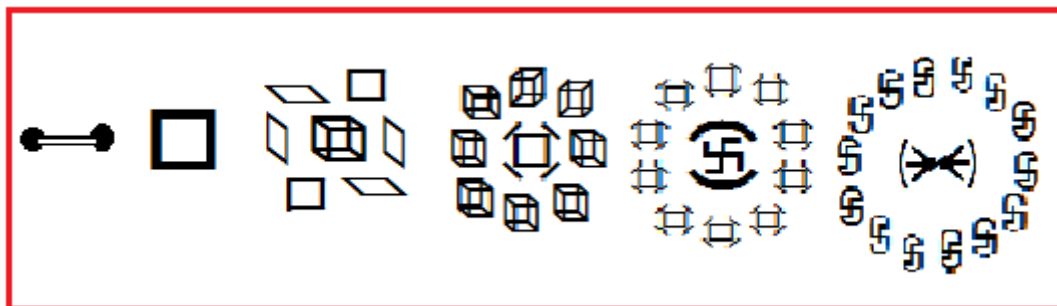
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VEDIC MATHEMATICS

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MODERN MATHEMATICS

SATHAPATYA MEASURING ROD



(HYPER CUBES 1 TO 6)

Third WEEK CHASE ASPECT

(3-space content)

(5-11-2015 to 11-11-2015)

Third Week Day 01

Sathapatya	3-Space content
Srimad Bhagwad Geeta	Sequential Strings
Devnagri Alphabet	Letter Raif (२)
Shiv Sahastranam Stotram	Shaloka 3 and Shaloka 4

I

Sathapatya : 3-Space content

1. 3-Space content is popularly known as physical matter.
2. Physical matter finds expression as volume of the solids.
3. This feature of solids is accepted as 3-Space bodies.
4. 3-Space bodies are popularly known as 'solids'.
5. 3-Space bodies 'solids' are designated as 'bodies' of space (space being 3-Space).
6. Cube and sphere are representative regular bodies of 3-Space, as these do not

- prefer any dimension over any other dimension of three dimensional frame.
7. Five bodies of 3-Space taken as distinct geometric set ups of 3-Space bodies are (i) cube (ii) sphere (iii) cylinder (iv) cone and (v) pyramid
 8. Prism is one another set up of 3-Space content which as applied values format.
 9. Vedic Systems approach cube as hyper cube-3 and sphere as hyper sphere-3.
 10. Hyper cube-3 is a four fold manifestation layer format of dimension fold, boundary fold, domain fold, origin fold.
 11. 1-Space content manifests as dimension fold of hyper cube-3.
 12. 2-Space content manifests as boundary fold of hyper cube-3.
 13. 3-Space content manifests as domain fold of hyper cube-3.
 14. 4-Space content manifests as origin fold of hyper cube-3.
 15. The domain fold of hyper cube-3 is a set up of 3-Space content enveloped within spatial boundary.
 16. 2-Space in the role of boundary.
 17. This feature of domain fold of hyper cube-3 as such being 3-Space content enveloped within spatial boundary, makes domain fold as 'packed domain'.
 18. The packed domain of hyper cube-3 accepts a three dimensional frame with origin of the frame having placement at center of the domain.
 19. This feature of super imposition of origin of dimensional frame upon the center of the domain makes a set up of packed domain with sealed origin.
 20. Otherwise, the packed domain remains a domain with unsealed origin.
 21. Therefore packed domain with sealed origin and packed domain with unsealed origin provides a pair of distinct formats.
 22. The packed domain with unsealed origin has characteristic feature of permissibility of transcendence at origin of the domain fold.
 23. This characteristics of packed domain with unsealed origin deserves to be comprehended well.
 24. The transcendence at origin fold, as well is of two fold flow format, the first from domain fold to the base fold and second as from base fold to the domain fold through the origin fold.
 25. One may have a pause here and take note that this two fold transcendence flow through the origin fold, as such avails the dimensional order of the origin fold.
 26. One may further have a pause here and take note that the dimensional order of origin fold is of one degree higher than that of the dimensional order of the domain fold.
 27. One may further have a pause here and take note that like the packed domain of hyper cube-3 there are respective packed domains of hyper cube-n for all values of n.
 28. One may have a pause here and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse the distinguishing features of packed domains of hyper cube 1, 2, 3, 4, 5 and 6.
 29. It would be very blissful to be face to face with the characteristics feature of the packed domain of hyper cube-0.

II

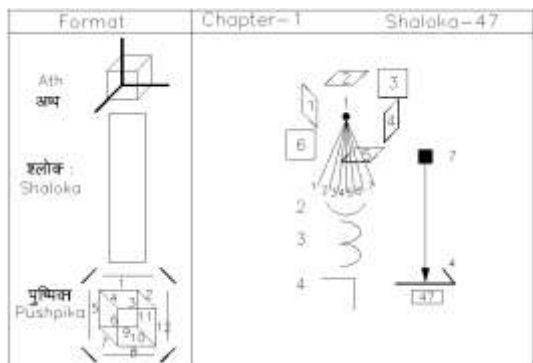
Organization format of Srimad Bhagwad Geeta

Srimad Bhagwad Gita										
Study - Zone										
a	a ²	a ³	a ⁴	a ⁵	a ⁶	a ⁵	a ²	a ³	a ⁴	—
2	4a	6a ²	8a ³	10a ⁴	12a ⁵	10a ⁴	8a	6a ²	4a ²	—
7	□	◻	◻	⊕	⊕	⊕	⊕	◻	◻	7
2x1 =2	4x2 =8	6x3 =18	8x4 =32	10x5=50 50x7=350	12x5=50 50x7=350	10x5=50	8x4 =32	6x3 =18	4x2 =8	2x1 =2
Orbitals				350+350=700						
2	6	10	14	18=5+6+7						

Srimad Bhagwad Geeta Sequential Strings

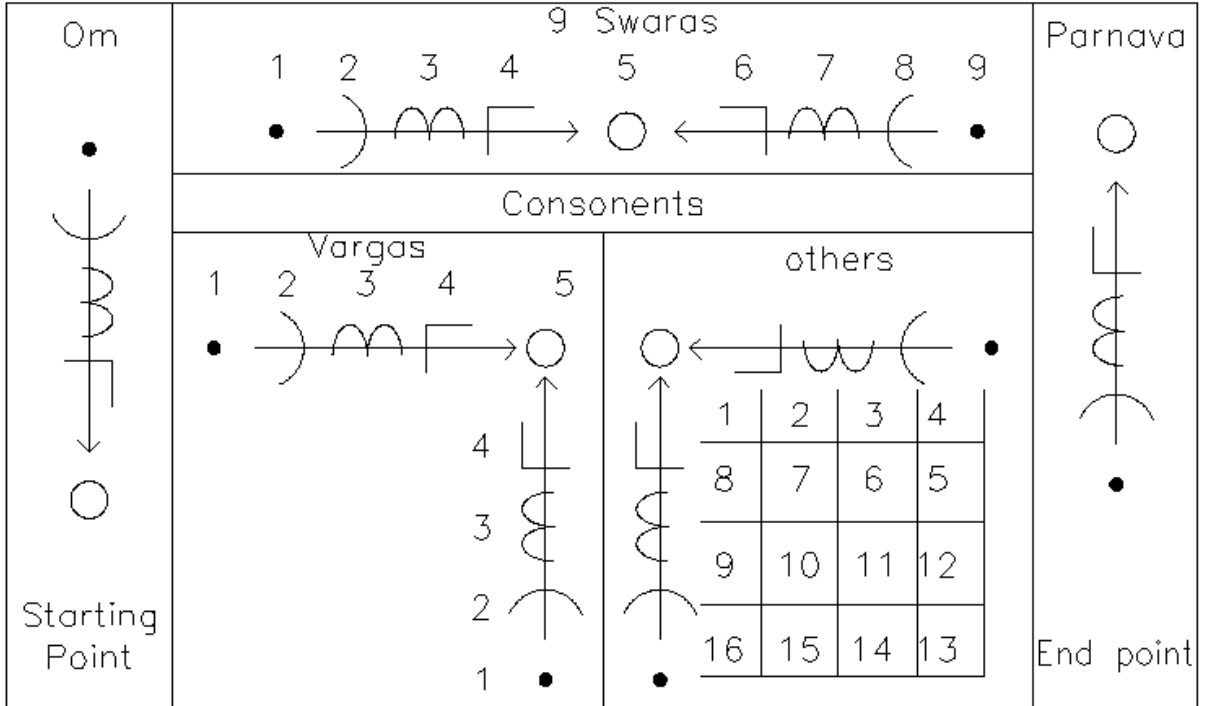
1. Srimad Bhagwad Geeta text is of 700 shalokas range.
2. The organization format of their range works out and avails sequential strings of various ranges.
3. The whole range is a divine dialogue and there are four participant namely Dhitrastra, Sanjay, Arjun and Lord Krishna.
4. This as such become the first sequential strings of this organization format.
5. The Divine dialogue is initiated by the poser put by Dhitrastra in shaloka 1 of chapter 1 itself.
6. Sanjay is the second participant.
7. Shaloka 2 of chapter 1 brings in the participation of Sanjay.
8. Sanjay is followed by Arjun as the third sequential participant.
9. Chapter 1 brings in only these 3 participants.
10. Participation of these 3 participants is of frequency 1, 3, 2 making it a coverage in six steps.
11. One may have a pause here and take note that the characteristics features of organization format of chapter 1: Arjun Vishad Yoga Discipline are
 - (i) It is of the range of 14 shalokas ranges
 - (ii) Coverage of this range is of six steps by three participants of participation frequencies 1, 3, 2.
 - (iii) The summation value $1 + 3 + 2 = 6$ is parallel to number 6, being the first perfect number.
 - (iv) Dhitrastra, first participant has participation frequency value (i)
 - (v) The participation of Dhitrastra is only once and that too in chapter one itself as shlaoka 1 chapter 1.
 - (vi) The artifices triple (1, 3, 2), is parallel to fixation of the middle as a third step; first step to fix first end point, second step to fix second end point and third step to fix the middle
12. Here it would be relevant to note that NVF (Middle) = 47.
13. It also would be relevant to note that atomic value of silver is 47.
14. It would further be relevant to note that atomic value of platinum is 78, the value which is parallel to shlokas range of last, the 18th chapter of Srimad Bhagwad Geeta.
15. This as such brings to focus the sequential string of format and features of the range of white metals range silver to platinum.
16. One may further have a pause here and take note that the opening caption अथ प्रथमोऽध्याय 'Ath Parthmo Adheye ' is a composition of three words.
17. It would further be relevant to note that the Puspika / colophon as end value of chapter 1 is the composition is of 50 letters range.
18. One may have a pause here and take note that artifice value 50 is parallel to the range of 50 letters of Devnagri alphabet.
19. Further it also would be relevant to note that NVF (Void) = 50

20. It also would be relevant to note that artifice 50 permit re-organization as $11 + 12 + 13 + 14$ which is parallel to quadruple numbers $11 + 12 + 13 + 14$ which is further parallel to four fold manifestation layer 11, 12, 13, 14 of hyper cube-13.
21. Still further it also would be relevant to note that the organization format of chapter 1 as such shall be of the range hyper cube-3 to hyper cube-4, as much as that within 4-space 12 edged cube acquires 13th edge within 4-Space.
22. Still further it also would be relevant to take note that artifice 50 permits re-organization as $50 = 5 \times 10$ which is parallel to fixation of creative 4-space boundary of 10 components of transcendental domain (5-space).
23. It would be a blissful exercise to glimpse organization format of chapter 1 of Srimad Bhagwad Geeta being of following features expression:
 24. It would further a very blissful exercise to be through the text of chapter 1 of Srimad Bhagwad Geeta and to comprehend reason and cause of elusion and delusion of Arjun.
 25. One shall sit comfortably and permit the transcending mind to be face to face with the reason and cause of elusion and delusion of Arjuna
 26. It would bring us face to face with the focus of Arjuna upon the Existence Phenomenon having 'body' at the central focus
 27. The logic of Arjuna is confined to Existence Phenomenon accepting body as its central focus and reality
 28. One shall sit comfortably and permit the transcending mind and to visit the sequential chase steps of the logic of Arjuna which is preserved in shlokas 40 to 44.
 29. It would be a blissful exercise to chase this transcendence sting steps and to express oneself about this reason and cause of elusion and delusion of Arjuna.



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III
Format, Values and Features of DEVNAGRI ALPHABET



Devnagri Alphabet

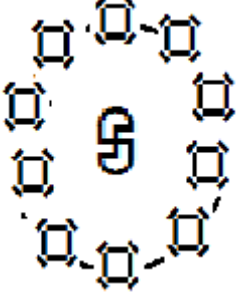
Letter Raif (ॠ)

1. All the letters, vowels as well as consonants (of Devnagri alphabet) are कार्: / Kara accept letter (ॠ) which is raif (रेफ)
2. Letter (ॠ) is pronounced as raif (रेफ)
3. As such, the letter (ॠ) is of sound frequencies raif (रेफ).
4. All other letters are of sound frequencies आकारः, इकार, ओकार, ककार, खकार, मकार, यकार, लकार, वकार, .. हकार]
5. Letter raif is antstha letter
6. It is followed by लकार d
7. The values format क ब्रह्मा- क शिव is of the transition format of hyper cube-4 format to hyper cube-5 format
8. It as such is of the range of 4-Space format to 5-Space format.
9. It is this feature which gets focused as of the range raif to Lakara.
10. One may have a pause here and take note that the sequentially letter 'क' is of tenth placement as the first placement after 9th vowel.
11. This, as such is the placement of first consonant as the first 9 placement are of 9 vowel placement.

12. One may have a pause here and take note that the hyper cube-4 has 9 versions parallel to 9 geometries range of 4-space.
13. Hyper cube- 5 accepts domain boundary ratio as $A^5:10B^4$
14. One may have a pause here and take note that the 5-Space as transcendental domain accepts creative 4-Space boundary of ten components.
15. One may have a pause here and take note that the range कृ ब्रह्मा, कृ शिव is the range of 4-space presided by Lord Brahma to 5-space presided by Lord Shiv.
16. This range permits chase as raif to lakara.
17. It is a chase range of रयि as physical content manifesting solid boundary of creator space (4-space) to creative boundary of transcendental domain.
18. With it the Devnagri alphabet format permits its chase for the coverage of the range of transition from sound frequencies set up to light frequencies set up.
19. It is this feature of Devnagri alphabet which deserve to be comprehended well for its complete appreciation and imbibing to have insight and enlightenment about values and features of Devnagri alphabet.

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IV
SHIV SAHASTRANAM STOTRAM
(One thousand transcendental formulations)

	5 x 5 format <table style="margin: auto;"> <tr><td style="color: red;">1</td><td style="color: blue;">2</td><td style="color: red;">3</td><td style="color: blue;">4</td><td style="color: red;">5</td></tr> <tr><td style="color: blue;">2</td><td style="color: blue;">3</td><td style="color: blue;">4</td><td style="color: blue;">5</td><td style="color: blue;">6</td></tr> <tr><td style="color: red;">3</td><td style="color: blue;">4</td><td style="color: red;">5</td><td style="color: blue;">6</td><td style="color: red;">7</td></tr> <tr><td style="color: green;">4</td><td style="color: green;">5</td><td style="color: green;">6</td><td style="color: green;">7</td><td style="color: green;">8</td></tr> <tr><td style="color: blue;">5</td><td style="color: blue;">6</td><td style="color: blue;">7</td><td style="color: blue;">8</td><td style="color: blue;">9</td></tr> </table>	1	2	3	4	5	2	3	4	5	6	3	4	5	6	7	4	5	6	7	8	5	6	7	8	9
1	2	3	4	5																						
2	3	4	5	6																						
3	4	5	6	7																						
4	5	6	7	8																						
5	6	7	8	9																						

Shaloka 3 and Shaloka 4

1. **Shaloka 3 and Shaloka 4 of Shiv Sahastranam Stotram preserves the transcendental designations / names of Lord Shiv as under:**

चन्द्रापीडश्चन्द्रमौलिकर्विश्वं विश्वम्भरेश्वरः ।
वेदान्तसारसंदोहः कपाली नीललोहितः ॥३॥

ध्यानाधारोऽपरिच्छेद्यो गौरीभर्ता गणेश्वरः ।
अष्टमूर्तिर्विश्वमूर्तिस्त्रिवर्गस्वर्गसाधनः ॥४॥

2. **These transcendental designation / names of Lord Shiv accept transcendental code values as under:**

Names of shaloka 3

चन्द्रापीडः	3+17+ 9+5	34
चन्द्रमौलिः	3+16+ 18+7	44
विश्वम्	9+19	28
विश्वम्भरेश्वरः	9+10+ 18+9+ 10+4	60
वेदान्तसार-संदोहः	13+8+ 13+5+ 4 +13+1	79

	3+10	
कपाली	2+7+9	18
नीललोहितः ।	12+6+ 12+11 +5	46

Names of shaloka 4

ध्यानाधारः	10+10 +9+4	33
अपरिच्छेद्यः	1+6+5 +11+8	31
गौरीभर्ता	11+7+ 9+8	35
गणेश्वरः	4+13+ 10+4	31
अष्टमूर्तिः	1+10+ 15+6	32
विश्वमूर्तिः	9+10+ 15+6	40
विर्गस्वर्ग-साधनः ।	7+9+6 +11+6 + 5+8+9	61

3. **Transcendental code values of shaloka 3 is (34, 44, 28, 60, 79, 18, 46)**

4. Transcendental code values range of shaloka 4 is (33, 31, 35, 31, 32, 40, 61).

Transcendental code values range of shaloka 3

5. This seven steps long range (34, 44, 28, 60, 79, 18, 46), on its chase shall be bringing us face to face with distinct features of transcendental domain.
6. Of these, triple values (34, 18, 46) accept re-organization as (i) 7, 8, 9, 10, (ii) 3, 4, 5, 6 and (10, 11, 12, 13).
7. These quadruple artifices, as such are parallel to manifestation layers of hyper cubes 9, 5, and 12
8. The triple values (44, 28, 60) permits re-organization as (4 x 11, 4 x 7, 4 x 15).
9. These as such are parallel to affine diagonals of values 11, 7 and 15 at each placement of those respective three affine diagonals.
10. The value (79) is of the format and nature of 9-Space values flowing into unity state dimensional order (7-Space).
11. One may have a pause here and take note that the NVF (Nature) = 79
12. Further it also would be relevant to take note that NVF (Creator) = 80 a step ahead of (Nature).
13. On further chase of transcendental code values range of names of Lord Shiv preserved as shaloka 3 (34, 44, 28, 60, 79, 18, 46) shall be bringing us face to face with the internal organization features of the transcendental designations / names of Lord Shiv.
14. Each name of Lord Shiv as transcendental designation deserve to be chased step by step as upper the transcendental code values of individual letters availed by the compositions texts of the individual name of Lord Shiv.
15. This as such is certainly going to be a very deep exercise but this is going to be really very blissful exercise.
16. One may have a pause here and take note that the transcendental code values of individual letters are of the range 1 to 16.
17. Further, here it also would be relevant to note that 1000 names of Lord Shiv preserved as shiv Sahastranam stotram are of transcendental code values from 5 to 91.
18. This way this is values range of 87 steps.
19. Therefore, before entering upon the chase of individual transcendental designations as per their transcendental code value and also as per the inner structures of these designations as per the transcendental code values of individual letters availed for the composition, it would be appropriate that one shall have a fresh look at the artifices values formats of numbers 1 to 16 and from 5 to 91.
20. The artifice 16 permits re-organization as $16 = 5 + 6 + 5$ which brings to focus the role of 6-Space as origin of 5-space and the organization of 5-Space domain as a pair of parts with 6-Space at the center.
21. The artifices range 5 to 91 are as such shall be bringing to focus the placement of five as middle placement for the 9 numerals range of ten place value system.
22. One may have a pause here and take note that the NVF (Mirror) = 91
23. NVF (Truth) = 87
24. One may have a pause here and take note that the number value 5 is of values and feature parallel to 5-Space domain.
25. One may further have a pause here and take note that the $87 = 29 + 29 + 29$.
26. Artifice 29 brings to focus NVF (Black) = 29.
27. Chapter 5 of Srimad Bhagwad Geeta is of 29 shalokas range.
28. Srimad Durga saptasatai as its last 13 chapter of 29 shalokas (ardh shalokas,

- uvachas also being are 29 is the text of 29 components.
29. There are 29 Ganita Sutras and Upsutras
 30. Samved Samhita is the scripture of 29 archiks
 31. The split of dimensional domain at fifth step is of value 29; the sequential values being (1, 2, 5, 12, 29).
 32. It would be a blissful exercise to chase numbers 5 to 91 in reference to number 5.
 33. One way to reach at such organization would be as follows
 - (i) $5 + 15 + 20 + 25 + 30 + 35 + 40 + 45 + 50 + 55 + 60 + 65 + 70 + 75 + 80$
 34. This 18 steps long coverage shall be bringing us face to face with parallel features of 5-Space domain, creative boundary of ten components, dimensional value $1 \times 3 \times 5$, 20 coordinates fixation for the creative boundary and so on.
 35. IT also would be bringing to focus $18 = 3 + 4 + 5 + 6$ which is parallel to four fold manifestation layer of hyper cube-5.
 36. That way, the remaining artifices to be covered from the range 5 to 91 would be of $87 - 18 = 69$ artifices
 37. Of the range, the artifices 6, 14, 18, 22, 26, 34, 38, 42, 46, 54, 58, 62, 66, 74, 78, 82 and 86 is the range of 17 artifices is seventeen steps long range of artifices which permits re-organization as consecutive quadruple artifices parallel to respective four fold manifestation layers of respective hyper cube-
 38. Illustratively $6 = 0 + 1 + 2 + 3$, $14 = 2 + 3 + 4 + 5$ and so on.
 39. Accordingly there remain balance $69 - 17 = 52$ artifices namely 7, 8, 9, 11, 12, 13, 16, 17, 19, 21, 23, 24, 27, 28, 29, 31, 32, 33, 36, 37, 39, 41, 43, 44, 47, 48, 49, 51, 52, 53, 56, 57, 59, 61, 63, 64, 67, 68, 69, 71, 72, 73, 76, 77, 79, 81, 83, 84, 87, 88, 89, 91
 40. Of these,, the following are the multiples of 4, viz.: 8, 12, 16, 24, 28, 32, 36, 44, 48, 52, 56, 64, 68, 72, 76, 84, 88.
 41. These 17 artifices being multiples of 4 shall be accepting placements along affine diagonals.
 42. The remaining 35 artifices are
 43. These 35 odd numbers accept re-organization of the format $2n + 1$ which would be parallel to the versions of hyper cube- n which further would be parallel to the geometries range of n -space
 44. Let us have a fresh look at these organization formats in respect of these 35 artifices

Sn.	A	V	HC	S
1	7	$2 \times 3 + 1$	HC-3	S-3
2	9	3×3	HC-2	S-2
3	11	$2 \times 5 + 1$	HC-3	S-3
4	13	$2 \times 5 + 3$	HC-3	S-3
5	17	$2 \times 7 + 3$	HC-3	S-3
6	19	$2 \times 9 + 1$	HC-3	S-3
7	21	$2 \times 10 + 1$	HC-3	S-3
8	23	$2 \times 9 + 5$	HC-3	S-3
9	27	$2 \times 3 \times 4 + 3$	HC-4	S-4
10	29	$2 \times 3 \times 4 + 5$	HC-3	S-3
11	31	$2 \times 3 \times 5 + 1$	HC-3	S-3
12	33,	$2 \times 3 \times 5 + 3$	HC-3	S-3
13	37,	$2 \times 3 \times 5 + 7$	HC-3	S-3
14	39,	$2 \times 3 \times 5 + 9$	HC-3	S-3
15	41,	$2 \times 3 \times 6 + 7$	HC-3	S-3
16	43,	$2 \times 3 \times 7 + 1$	HC-3	S-3
17	47,	$2 \times 3 \times 7 + 5$	HC-3	S-3
18	49,	7×7	HC-2	S-2
19	51,	$7 \times 7 + 2$	HC-3	S-3
20	53,	$7 \times 7 + 4$	HC-3	S-3

21	57,	$7 \times 4 \times 2+1$	HC-4	S-4
22	59,	$7 \times 4 \times 2+3$	HC-4	S-4
23	61,	$7 \times 4 \times 2+5$	HC-4	S-4
24	63,	$7 \times 4 \times 2+7$	HC-4	S-4
25	67,	$7 \times 4 \times 2+11$	HC-4	S-4
26	69,	$7 \times 4 \times 2+13$	HC-4	S-4
27	71,	$7 \times 10 + 1$	HC-3	S-3
28	73,	$7 \times 10 + 3$	HC-3	S-3
29	77,	$7 \times 10 + 7$	HC-3	S-3
30	79,	$7 \times 10 + 9$	HC-3	S-3
31	81,	9×9	HC-2	S-2
32	83,	$9 \times 9 + 2$	HC-3	S-3
33	87,	$9 \times 9 \times 6$	HC-3	S-3
34	89,	$9 \times 9 + 8$	HC-3	S-3
35	91	$9 \times 9 + 10$	HC-3	S-3

Abbreviation A= Artifice, S = space, HC = hyper cube, V = Versions of HC



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