

List of VM Consolidated documents of Dr. S. K. Kapoor

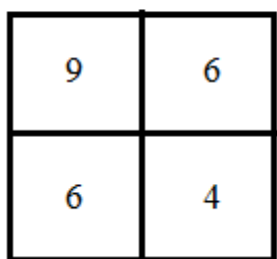
List 1 Different aspects of Vedic Mathematics

Aspect 26

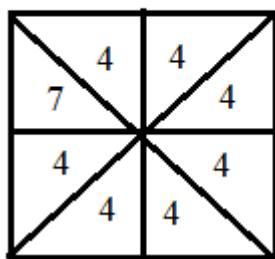
**Vedic Chase Universe
16 prisms frames**

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16 prisms frames**

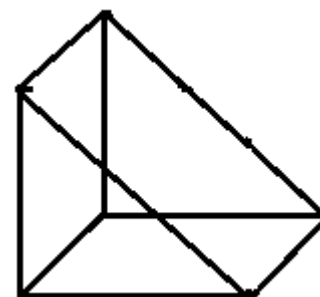
Synthetic set up of square as quadruple quarter squares Eight directional split up frame of square



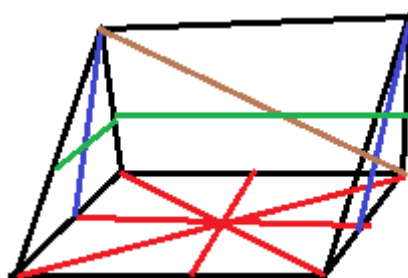
4



8



16



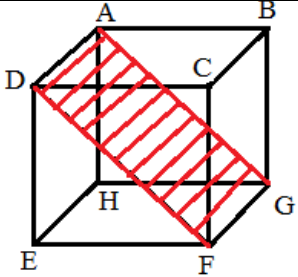
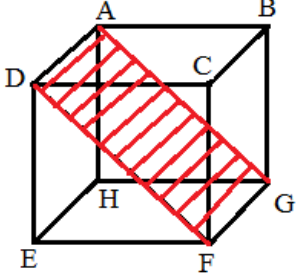
$$16 \times 8 = 128$$

Consolidated Table of structural components of 16 prism

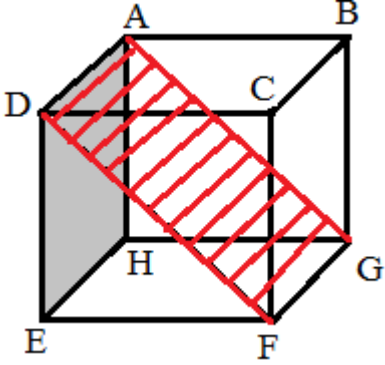
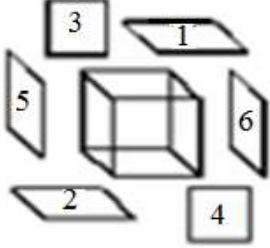
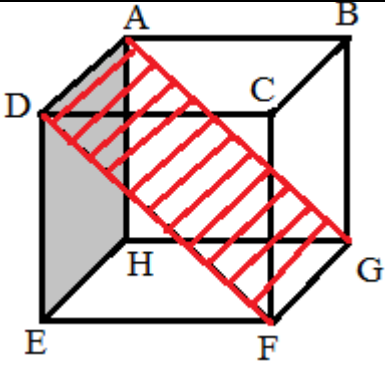
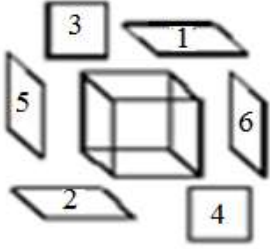
SN	Sub cube	First Prism	Second prism	Total	Grand total
1	First	21	12	33	33
2	Second	12	12	24	57
3	Third	18	06	24	81
4	Fourth	13	05	18	99

5	Fifth	18	06	24	123
6	Sixth	12	06	18	141
7	Seventh	12	09	21	162
8	Eighth	08	05	13	175

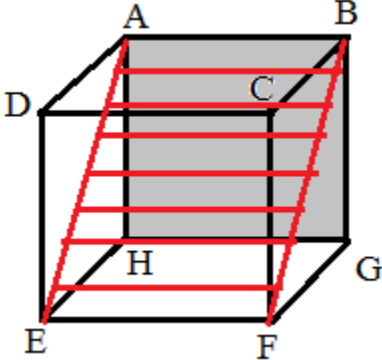
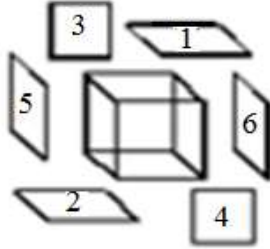
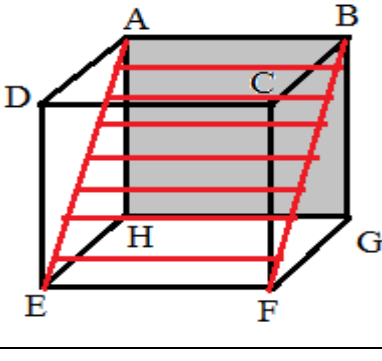
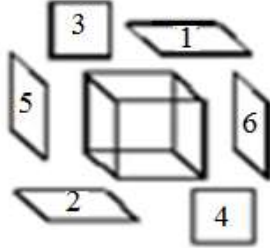
Structural table - 1

First Sub cube	No of sides	Missing side	Internal diagonal plane
	6	0	AB EF
Structural details			
Lower prism			
Vertical plane	ADEH	9	9
Horizontal plane		6	15
Diagonal plane	HEFG	3	18
Side plane 1	DEF	1	19
Side plane 2	AHG	1	20
Volume	ABEFHG	1	21
First Sub cube	No of sides	Missing side	Internal diagonal plane
Upper prism			
	6	0	AB EF
Vertical plane	BCFG	6	6
Horizontal plane	ABCD	3	9
Diagonal plane	-	0	9
Side plane 1	ABG	1	10
Side plane 2	CDF	1	11
Volume	ABCDFG	1	12

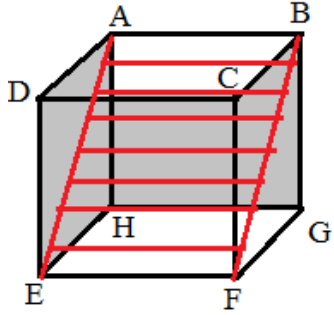
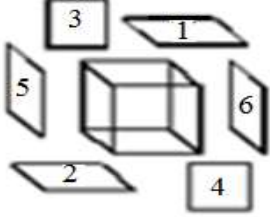
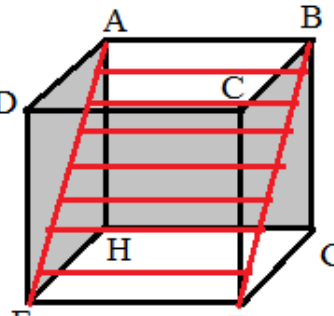
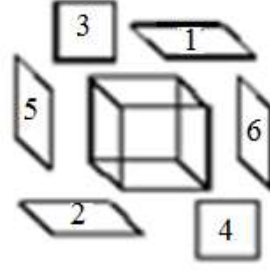
Structural table - 2

Second Sub cube	No of sides	Missing side	Internal diagonal plane
	5	1 (surface plate 5) 	AB FG
Structural details			
Lower prism			
Vertical plane	ADEH	0	0
Horizontal plane	EHGF	6	6
Diagonal plane	ADFG	3	9
Side plane 1	DEF	1	10
Side plane 2	AHG	1	11
Volume	ABEFHG	1	12
Upper prism			
	5	1 (surface plate 5) 	AB FG
Second Sub cube	No of sides	Missing side	Internal diagonal plane
Vertical plane	BGFC	6	6
Horizontal plane	ABCD	3	9
Diagonal plane	-	0	9
Side plane 1	DCF	1	10
Side plane 2	ABG	1	11
Volume	ABGFDA	1	12

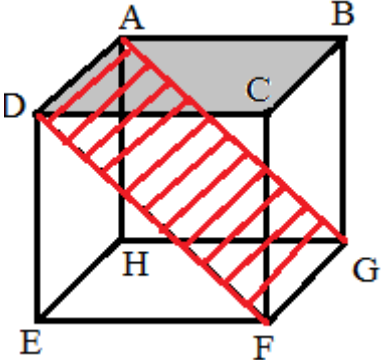
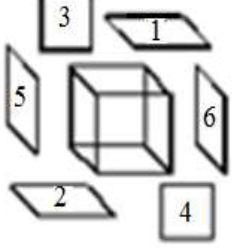
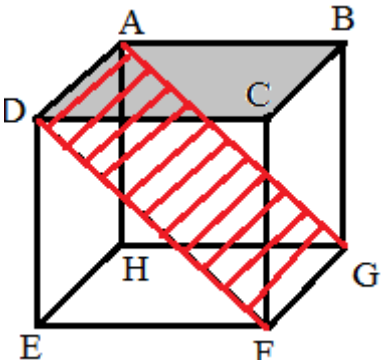
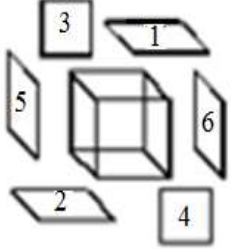
Structural table - 3

Third Sub cube	No of sides	Missing side	Internal diagonal plane
	3	1 (surface plate 3) 	AB EF
Structural details			
Lower prism (front)			
Vertical plane	CDEF	9	9
Horizontal plane	ABCD	3	12
Diagonal plane	ABEF	3	15
Side plane 1	ADE	1	16
Side plane 2	BCF	1	17
Volume	ABCFED	1	18
Upper prism (back)			
	3	1 (surface plate 3) 	AB EF
Third Sub cube	No of sides	Missing side	Internal diagonal plane
Vertical plane	ABGH	0	0
Horizontal plane	EGFE	3	3
Diagonal plane	-	0	3
Side plane 1	AHE	1	4
Side plane 2	BFG	1	5
Volume	ABGFEH	1	6

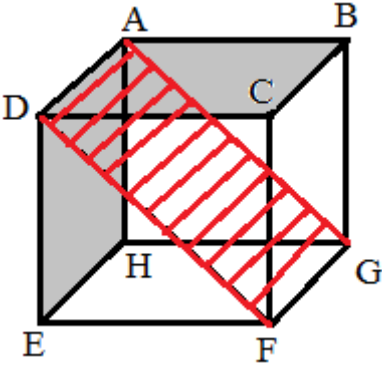
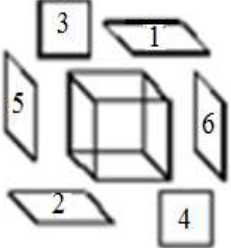
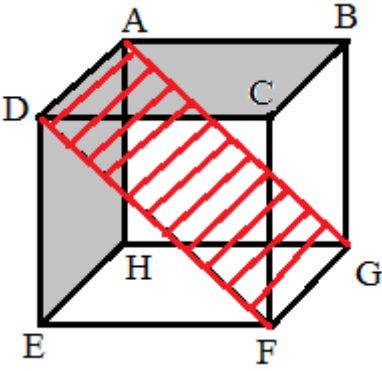
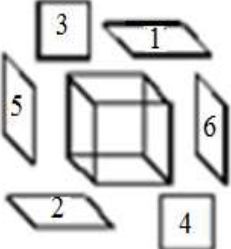
Structural table - 4

Fourth Sub cube	No of sides	Missing side	Internal diagonal plane
	4	2 (surface plate 3 and 5) 	AB EF
Structural details			
Lower prism (front)			
Vertical plane	CDEF	6	6
Horizontal plane	ABCD	2	8
Diagonal plane	ABEF	3	11
Side plane 1	ADE	0	11
Side plane 2	BCF	1	12
Volume	ABCFED	1	13
Upper prism (back)			
	4	2 (surface plate 3 and 5) 	AB EF
Fourth Sub cube	No of sides	Missing side	Internal diagonal plane
Vertical plane	ABGH	0	0
Horizontal plane	ABCD	3	3
Diagonal plane	-	0	3
Side plane 1	AHE	0	3
Side plane 2	BFG	1	4
Volume	ABGFEA	1	5

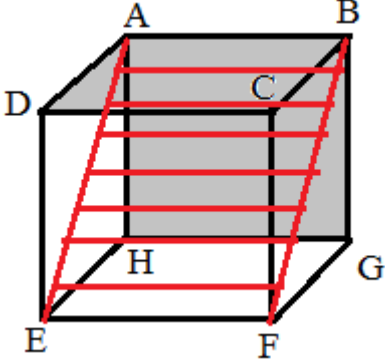
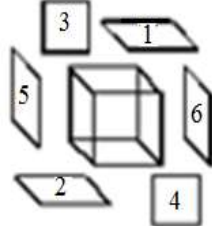
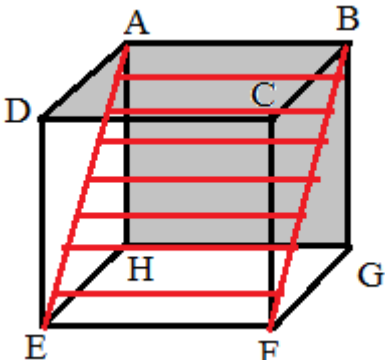
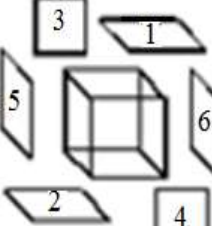
Structural table - 5

Fifth Sub cube	No of sides	Missing side	Internal diagonal plane
	5	1 (surface plate 1) 	AD FG
Structural details			
Lower prism (front)			
Vertical plane	ADEH	6	6
Horizontal plane	HEFG	6	12
Diagonal plane	ADFG	3	15
Side plane 1	DEF	1	16
Side plane 2	AHG	1	17
Volume	ADEFGH	1	18
Upper prism (back)			
	5	1 (surface plate 1) 	AB EF
Fourth Sub cube	No of sides	Missing side	Internal diagonal plane
Vertical plane	BGFC	3	3
Horizontal plane	ABCD	0	3
Diagonal plane	-	0	3
Side plane 1	DCF	1	4
Side plane 2	ABG	1	5
Volume	ABGFDA	1	6

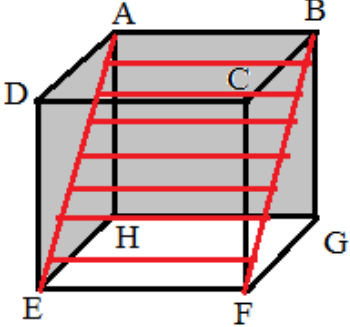
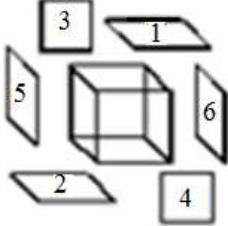
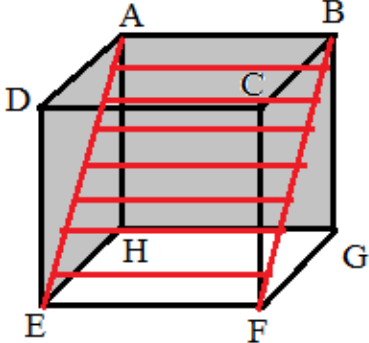
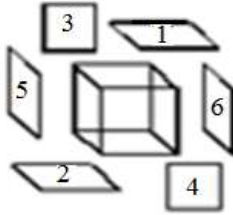
Structural table - 6

sixth Sub cube	No of sides	Missing side	Internal diagonal plane
	4	1 (surface plate 1 and 5) 	AD FG
Structural details			
Lower prism (front)			
Vertical plane	ADEH	0	0
Horizontal plane	HEFG	6	6
Diagonal plane	ADFG	3	9
Side plane 1	DEF	1	10
Side plane 2	AHG	1	11
Volume	ADEFGH	1	12
Upper prism (back)			
	4	1 (surface plate 1 and 5) 	AD FG
Sixth Sub cube	No of sides	Missing side	Internal diagonal plane
Vertical plane	BCFG	3	3
Horizontal plane	ABCD	0	3
Diagonal plane	-	0	3
Side plane 1	DCE	1	4
Side plane 2	ABG	1	5
Volume	ABGFDA	1	6

Structural table - 7

Seventh Sub cube	No of sides	Missing side	Internal diagonal plane
	4	1 (surface plate 1 and 3) 	ABFE
Structural details			
Lower prism (front)			
Vertical plane	DCFE	6	6
Horizontal plane	ABCD	0	6
Diagonal plane	ABEF	3	9
Side plane 1	ADE	1	10
Side plane 2	BCF	1	11
Volume	ADEFBA	1	12
Upper prism (back)			
	4	1 (surface plate 1 and 3) 	ABFE
Seventh Sub cube	No of sides	Missing side	Internal diagonal plane
Vertical plane	ABGH	0	0
Horizontal plane	HGFE	6	6
Diagonal plane	-	0	6
Side plane 1	AHE	1	7
Side plane 2	BFG	1	8
Volume	ABGFEA	1	9

Structural table - 8

Eighth Sub cube	No of sides	Missing side	Internal diagonal plane
	3	1 (surface plate 1, 3 and 5) 	ABFE
Structural details			
Lower prism (front)			
Vertical plane	DCFE	4	4
Horizontal plane	ABCD	0	0
Diagonal plane	ABEF	2	6
Side plane 1	ADE	0	6
Side plane 2	BCF	1	7
Volume	ADCFEDA	1	8
Upper prism (back)			
	3	1 (surface plate 1, 3 and 5) 	ABFE
Seventh Sub cube	No of sides	Missing side	Internal diagonal plane
Vertical plane	ABGH	0	0
Horizontal plane	HGFE	3	3
Diagonal plane	-	0	3
Side plane 1	BHE	0	3
Side plane 2	BGF	1	4
Volume	ABGFEA	1	5