

VEDIC SUTRAS

- 1 एकाधिकेन पूर्वेन
By One More than the One Before
- 2 निखिलं नवतश्चरमं दशतः
All from 9 and the Last from 10
- 3 ऊर्ध्वतिर्यग्भ्याम्
Vertically and Crosswise
- 4 परावर्त्य योजयेत्
Transpose and Apply
- 5 शून्यं साम्यसमुच्चये
If the Samuccaya is the Same it is Zero
- 6 आनुरूप्ये शून्यं अन्यत्
If One is in Ratio the Other is Zero
- 7 संकलन व्यवकलनाभ्यां
By Addition and by Subtraction
- 8 पूरणापूरणाभ्यां
By the Completion or Non-Completion
- 9 चलनकलनाभ्याम्
Differential Calculus
- 10 यावदूनं
By the Deficiency
- 11 व्यष्टिसप्तष्टिः
Specific and General
- 12 शेषाण्यङ्केन चरमेण
The Remainders by the Last Digit
- 13 सोपान्त्यद्वयमन्त्यं
The Ultimate and Twice the Penultimate
- 14 एकन्यूनेन पूर्वेन
By One Less than the One Before
- 15 गुणितसमुच्चयः
The Product of the Sum
- 16 गुणाकसमुच्चयः
All the Multipliers

SUB-SUTRAS

- आनुरूप्येण
Proportionately
- शिष्यते शेषसंज्ञः
The Remainder Remains Constant
- आधमाधेनान्त्यमन्त्येन
The First by the First and the Last by the Last
- केवलैः सप्तकं गुण्यात्
For 7 the Multiplicand is 143
- वेष्टनम्
By Osculation
- यावदूनं तावदूनं
Lessen by the Deficiency
- यावदूनं तावदूनीकृत्य वर्गं च योजयेत्
*Whatever the Deficiency lessen by that amount
and set up the Square of the Deficiency*
- अन्त्ययोर्दशकेऽपि
Last Totalling 10
- अन्त्ययोरेव
Only the Last Terms
- समुच्चयगुणितः
The Sum of the Products
- लोपनस्थापनाभ्यां
By Alternate Elimination and Retention
- विलोकनं
By Mere Observation
- गुणितसमच्चुयः समुच्चयगुणितः
The Product of the Sum is the Sum of the Products
- ध्वजाङ्कः
On the Flag