

Sri – Om
VEDIC MATHEMATICS AWARENESS YEAR

E-Newsletter Issue no 30 dated 10-11-2014

'Credit goes to Swami Bharti Krshna Tirtha Ji Maharaj to focus the attention of present generation about the values of Ganita Sutras (mental Mathematics Sutras)'

All are invited to join Awareness program

All are warmly invited to join the awareness program of Vedic Mathematics. All teachers, parents and students are invited to Learn and Teach Vedic Mathematics for proper intelligence growth at School.

Dr. S. K. Kapoor
Sh. Rakesh Bhatia
Sh. Bhim Sein Khanna
Sh. Deepak Girdhar
- Organizers

ISSUE NO 30

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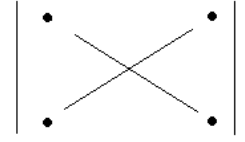
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LEARNING WITH SELF LEARNING

(Chapter from Book 'Vedic Mathematics (organization format of Ganita Sutras) of Dr. S. K. Kapoor)

LESSON - 08

MULTIPLICATION OF TWO DIGITS NUMBERS

	Text	Devnagri Script	Roman Script							
	Ganita Sutra-1	ऊर्ध्वतिर्यग्भ्याम्	<i>Urdhva tiryagbhyam</i>							
1.	Working rule	Vertically and crosswise <div style="text-align: center;"> <table style="margin: 0 auto; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px 10px;">A</td> <td style="border: 1px solid black; padding: 2px 10px;">B</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px 10px;">C</td> <td style="border: 1px solid black; padding: 2px 10px;">D</td> </tr> </table> <table style="margin: 0 auto; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px 10px;">A x C</td> <td style="border: 1px solid black; padding: 2px 10px;">A x C + B x D</td> <td style="border: 1px solid black; padding: 2px 10px;">B x D</td> </tr> </table> </div>		A	B	C	D	A x C	A x C + B x D	B x D
A	B									
C	D									
A x C	A x C + B x D	B x D								
2.	Format									

1. To multiply 53 x 62
 Step 1 Put 5 =A, 3=B, 6=C and 2=D
 Step 2 A x C=30, A x C+B x D=36 and B x D=6

Step 3

30	36	6
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Step 4

33	6	6
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Step 5

53 x 62=3366

2. To multiply 79 x 97

Step 1 Put 7 =A, 9=B, 9=C and 7=D

Step 2 $A \times C=63$, $A \times C+B \times D=126$ and $B \times D=63$

Step 3

63	126	63
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Step 4

76	2	3
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Step 5

79X 97=7623

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10-11-2014

Dr. S. K. Kapoor, *(Ved Ratan)*

News and Views

Invitation for participation in Vedic Mathematics textbooks project

INVITATION

1. We are undertaking the project of settling Vedic Mathematics text books for schools.
2. This project is for settlement of text books of Vedic Mathematics for classes eight to twelfth.
3. Text book for each class would be of three parts
Part – 1 ‘Vedic Mathematics for class VIII
(likewise for class 9, class 10, class 11 and class 12)
Part – 2 ‘Vedic Mathematics exercises for class VIII’
(likewise for class 9, class 10, class 11 and class 12)
Part – 3 ‘Teaching and evaluation manual of Vedic Mathematics for class VIII’
(likewise for class 9, class 10, class 11 and class 12)
4. Each sutra and Upsutra would be taken up in separate section exclusively devoted to particular Sutra / Upsutra.
5. This way in all, there would be 29 sections for coverage of all the sixteen Sutras and 13 Upsutras.
6. Participants may contribute for all the 29 sections but each Sutra and Upsutra shall be taken up as independent aspect of values of mathematics as every Sutra values are to be covered in distinct section.
7. The intellectual contribution of participants shall be duly recognized and same shall be properly respected.
8. In the light of this theme, we shall be making separate requests for each sutra and upsutra.

Request of participation about the values of Ganita Sutra 9

चलनकलनाभ्याम् ।

Differentiation Calculus

1. We feel privileged to request all to participate in our project of Vedic Mathematics text books for classes eight to twelfth.

2. We request you all to participate and contribute your intellectual inputs about the values of Ganita Sutra 9.
3. Also contribute about the values of Ganita Sutra 9 as being complemented and supplemented by the values of other Sutras and Upsutras.
4. We shall be highly thankful for this participation and contribution.
5. We shall be duly recognizing this participation and contribution of intellectual inputs about the values of Ganita Sutra 9.
6. We shall be highly being our respects and thanks in recognition of the intellectual inputs of participants.
7. It is a noble cause.
8. Please participate.

10-11-2014

Sh. Rakesh Bhatia
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Sh. Deepak Girdhar
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