BALAGOKULAM IN THE PRESS

What India Abroad– a premier newspaper for Indian Americans, had to say about us...

What do you get when you multiply 21 and 23? We know the conventional method. The answer, after a series of multiplications and summation, is 483. But Vedic mathematics offers a simpler way. Multiply vertically on the right (1X3) and write the result right under it. Repeat for the left (2X2). Then multiply diagonally and add the results for the middle position (3X2 + 2X1=8). This is the method explained in *Balagokulam*, introduced by publisher Hindu Swayamsevak Sangh as "a Unique Hindu magazine for children." The article goes on to illustrate more elaborative multiplications involving carryovers.

When Smrithi Nambiar, 12, an avid reader of *Highlights*, a children's magazine laden with quizzes, jokes, science, poetry and art, came across a copy of *Balagokulam*, she took to it instantly. "I like to solve puzzles and read stories written by kids," she says. On a recent weekend, between her packed schedule of swimming classes and homework assignments, she flipped through the pages. While she found the crossword a tad difficult – some clues required a good knowledge of Indian mythology – Smrithi had fun doing cross sums and spotting differences in pictures.

An article on the freedom fighter Lokmanya Bal Gangadhar Tilak gave her an insight into India's Independence struggle. "It was the first time I learned about him," she says. "I don't think kids growing up here will [otherwise] know about India's freedom struggle," feels Lakshmi Raman, a young parent who migrated to the United States about a year ago, alluding to the article on Tilak.

The magazine cover highlights the recent festive season in India and bears multiple drawings by children. There is Goddess Lakshmi with Kandeel (lanterns) in the background, dandiya enthusiasts strike a pose, and an effigy of Ravan is ready for immolation.

Balagokulam was visualized as a magazine by children for the children with a fair sprinkling of articles by adults, Editor-in-chief Jyoti Yelgalawadi said over the phone from San Jose, California. "Sixty percent of the writers are children," she said.

Quarterly

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Balagokulam

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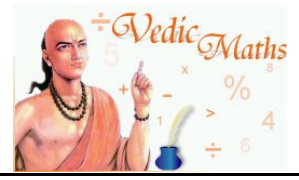
SUMMERTIME MANGOES

Once upon a time there was a young man named Kashi who lived in a small town. The town was in the tropics and fruits like guavas, papayas, and mangos grew aplenty. He loved mangoes, and every year eagerly waited for the mango season. The mango season brought with it unbearable heat, and many flies, and these he did not like! He was able to get rid of most of the flies by baiting them with poison and keeping all the vessels closed. He would throw away the skins and the seeds of the mango carefully, this way no sticky fruit was there to attract the flies. But he could not do away with the heat! Fans and cooling aids provided little help as he couldn't stay indoors all day!

To get away from the heat and the rain, he came up with a plan. The next summer, he went to a town in the northern part of the country, where it was cool and pleasant. He settled into a nice little house and unpacked all that he would need for his four-month long stay.

So what do you think happened next, did Kashi get mangoes and enjoy the summer? Want to know how the story ended…. Come get the magazine and know how it ended.

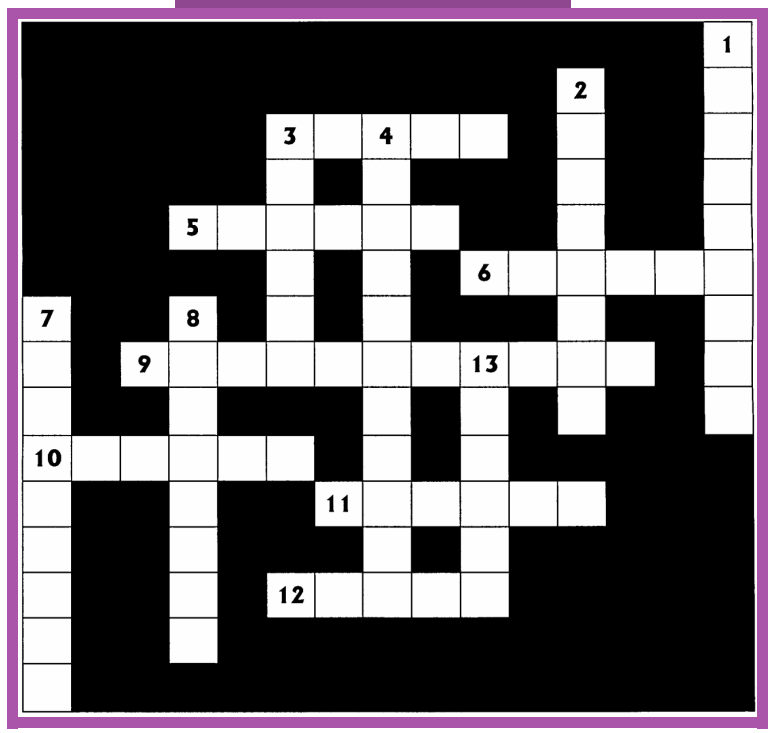


Technique To Compute a Fraction

Ekadhikena Purvena

Let us say we want to compute the fraction 1/19 using the above sutra (or principle).	4 by 2
There are two ways to do this.	421 => 8421
By Multiplications , By divisions.	Now, multiplying 8 by 2, sixteen
In this edition, we will learn the first method.	68421
Method 1: Using Multiplications	1 <= carry
1/19, since 19 is not divisible by 2 or 5, the fractional result is a purely circulating or recurring decimal. A recurring decimal is one with a sequence of digits that repeats itself indefinitely. (If the denominator contains only factors 2 and 5 is a purely non-circulating decimal.)	multiplying 6 by 2 is 12 plus 1 carry gives 13
	368421
	1 <= carry
	Continuing
	7368421 => 47368421 => 947368421
	1 <= carry
So, we start with the last digit 1	Now we have 9 digits of the answer.
Multiply this by "one more", that is, 2 (this is the "key" digit from Ekadhikena)	There are a total of 18 digits (=denominator-numerator) in the recurring sequence computed by complementing the lower half:
21	052631578
	947368421
Multiplying 2 by 2, followed by multiplying	Thus the result .**052631578, 947368421**

Crossword



Clues

DOWN

1) Founder of Arya Samaj, a great social reformer
2) A disciple of Swami Vivekanand, originally from Ireland
3) The progenitor of Buddhism, was also known as Siddhartha
4) Son of Jamadagni & Renuka, considered as the incarnation of Lord Vishnu
7) Collections (of three parts) of the original teachings of Buddha
8) The great chaste and faithful godly women - took Satyavan as her husband knowing fully well that he would not live long
13) A modern day sage born in southern India - He stayed at Arunachalam mountains after renouncing his home.

ACROSS

3) Devoted his entire life to the service of denizens of the jungles by establishing Bhila Seva-Mandala - Real name is Amrit Lal Thakkar
5) The only daughter of the 6th king of the Kakatiya Dynasty of Andhra Pradesh – married to the Chalukya king Virabhadra
6) A famous philosopher who propounded the Dvaita (Dualistic) school of Vedanta - born in 13th century
9) The grand epic composed by Krsna Dvaipayana Vyasa - conveys the eternal message of Dharma
10) A great grammarian and linguist of Sanskrit - Author of the book named Astadhyayi
11) Propounder of Pancaratra, the basis of the Bhagavata Dharma and of devotion (Bhakti)
12) This is one of the Sacred books of Jains

Color Me

Annapurna (A form of Devi)

Rivers Of India

Figure out the names of four Indian rivers and use the letters in the colored boxes to form another great river.