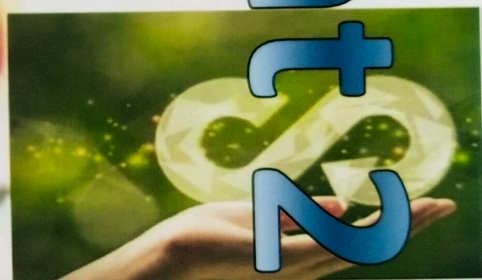
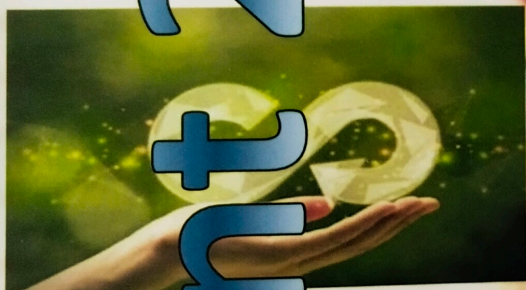


Sri Sathya Sai College for
Women



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Department of Mathematics

Life Through the Eyes of a Mathematician



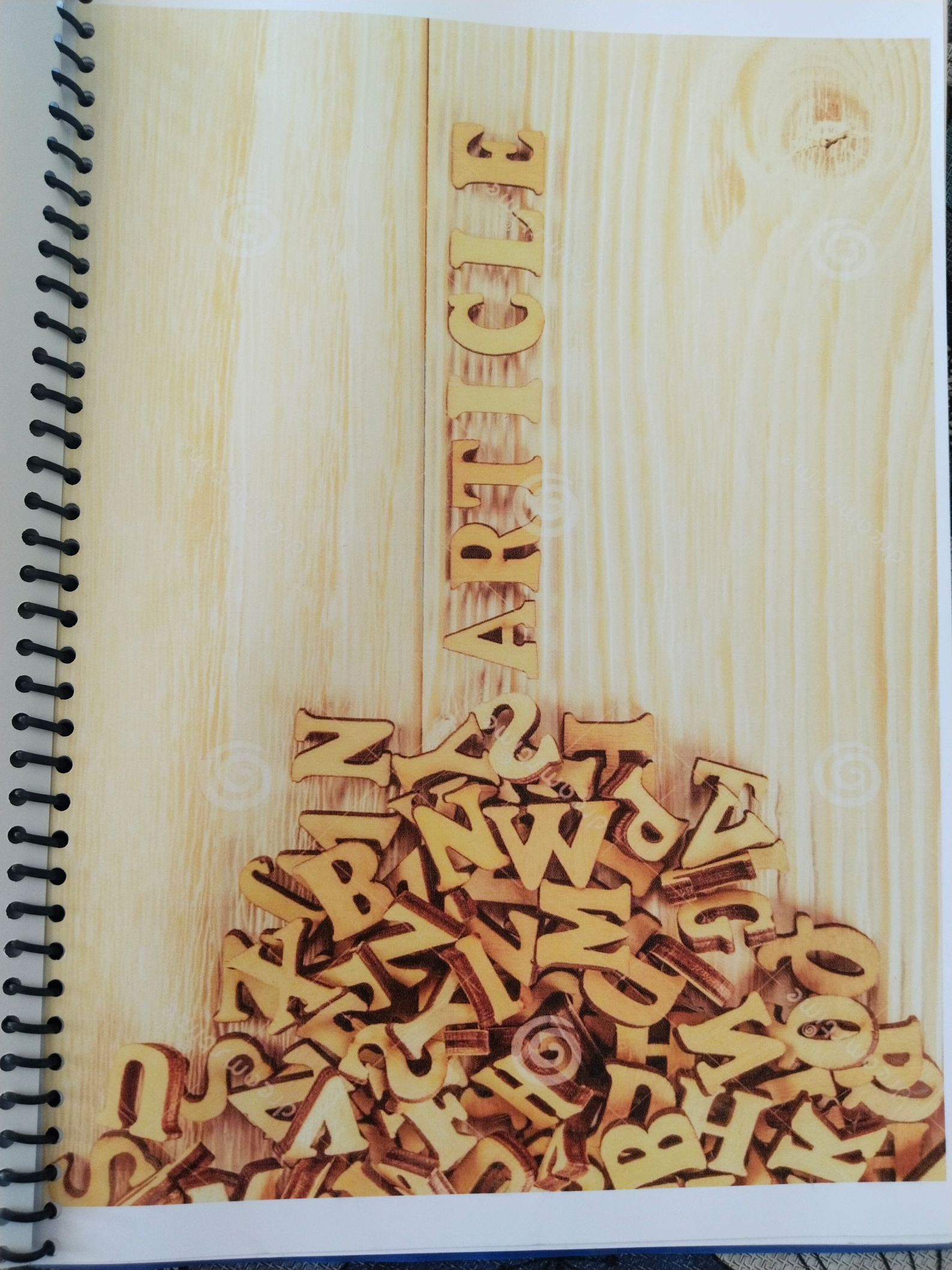
Mathematics is in every aspect of our lives; from a mother-child relationship to a person's every need. The emotional distance between a mother-child can be minimized, i.e. there exists a $\Delta > 0$ for which we have $\text{Epsilon} > 0$. A mother always tends to a child, who is a **limit** to her.

Every person has ∞ desires to fulfill despite knowing the fact that ∞ is not a real number. Human beings generally behave like a **modulus function** as they react positively or negatively according to the circumstances or people around them; whenever a person is looking forward to a positive outcome from a situation he takes the positive values otherwise he chooses to remain indifferent by taking the negative values.

Friends are like **limitless functions** separately but together they become a **constant function**. College students resemble 'unlike terms' of algebra, that is, until the lunch break. The Cafeteria then becomes their **limit point** of enjoyment as there exist a lot of points in that interval of time. A group of friends is like an **integral domain** because of the absence of zero divisors which implies there exists two friends such that $(1\text{st friend} \times 2\text{nd friend}) = 0$ as their love for each other makes them an **identity** together.

Teachers are synonymous with **integration** as they increase the capabilities of a constant student with their knowledge and magnify a student's capabilities.

The most important lesson Mathematics teaches us is the will to never give up as every problem has a solution.



MAIN ARTICLES



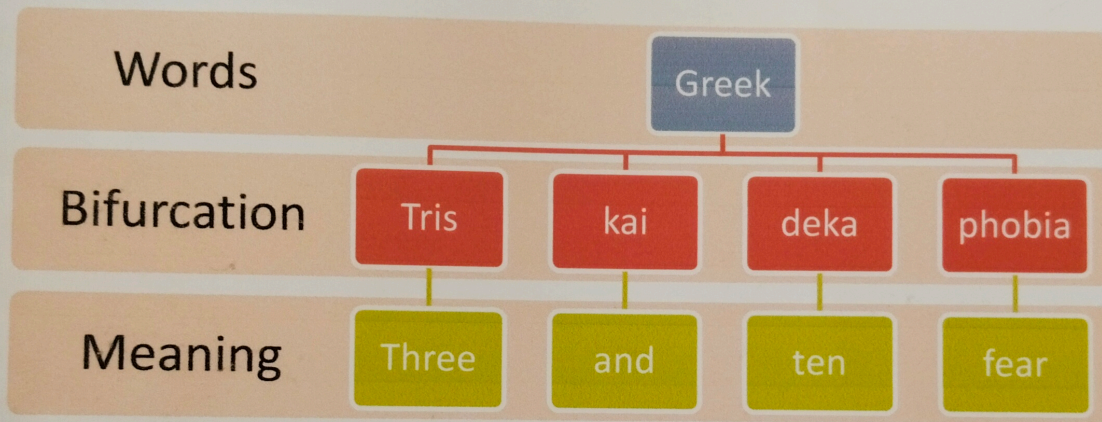
INAUSPICIOUS NUMBER 13

There is a popular maxim which states that the best way to predict the future is to look into the past. History has time and again proven the number 13 to be a diabolical entity, sneaking in corners, ready to cause bad omens and accidents, so much so that the fear of this number over the centuries has compounded manifold to the point of causing looks of horrors at the prospect of residing at the "13th floor" of a building.

The fear of this number has its own personalized jargon known as -

"Triskaidekaphobia"

It is a combination of:



But why is the number considered unlucky? Well, here are the reasons:

➤ Biblical references

It is believed that 16th century numerologist Petrus Bungus pushed 13 to be unlucky.

Bungus "records that the Jews murmured 13 times against God in the exodus from Egypt, that the thirteenth psalm concerns wickedness and corruption, that the circumcision of Israel occurred in the thirteenth year."

➤ The execution of the Knights Templar began on 13th

The Knights Templar, who were known as the protector of the Holy Grail and holy objects, also behaved as a bank of sorts to European kings. It was when French King Philip IV lost against England and was heavily indebted to the Knights, all the members of the Knights Templar were arrested as the king conspired with Pope Clement V against them.

What is mathematics? It is only a systematic effort of solving puzzles posed by nature

➤ **13 members in a witches' coven**

It was believed that a coven consisted of exactly 13 members.

➤ **A name with 13 letters is unlucky**

If you have 13 letters in your name, you're believed to be cursed.

➤ **Numerology**

As per the numerology, the number 12 is the depiction of what perfectionism is. Thus, trying to add upon perfection does not reflect in a great sense.



➤ **Sports Jersey with number 13 is bad luck**

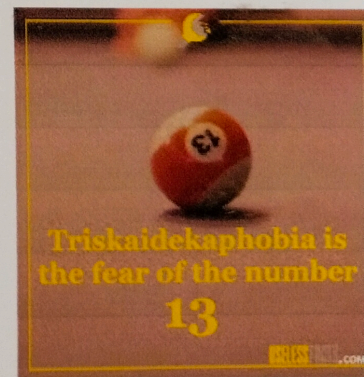
There exist various sportsmen who despite being a constant fixture at could not grab the biggest prize or championship as their failure comes down to their jersey number 13.

➤ **Superstition**

13th is unlucky date for businesses. It has been claimed that people lose around a billion dollars on the day as they choose not to do any business.

- Apollo 13 was launched on 11 April and it underwent explosion on 13th of April (2 thirteens).
- Zoroastrian tradition predicts chaos in the 13th millennium.
- Another example is the Columbia Space Shuttle.

This one went into space on 1/16/2003. Add all the numbers and you will get the number 13. During its re-entry into Earth, it exploded. All the crew members died.



Mathematics is not about numbers, equations, computations, or algorithms: it is about understanding

Nature is written in mathematical language

➤ Many hotels in China and America don't have a 13th floor. After 12th, either they have 12 and a half or 14th. Same goes for the number of houses too.

➤ Even Microsoft considers the number 13 very unlucky and that is the reason why there is no version 13 of Microsoft office. The version 12 is Microsoft Office 2007 and the next version Microsoft Office 2010 is actually version 14. Thus, the company skipped number 13 altogether.



Wherever there is number, there is beauty

Fortunate Number

But just because some superstition is blindly acknowledged, does it make it true? Does this number really deserve this notoriety?



✓ Triyodashi

The number 13 is actually a very lucky number. In fact, in India, the 13th day of the lunar fortnight is known to be highly auspicious and is called Triyodashi. It belongs to Lord Shiva and is said to bestow long life, peace and good fortune. A person who fasts on the 13th day becomes liberated from all their past and present sins.

✓ Karma

Number 13 in numerology portrays focus, independence, creativity and a secure foundation. It is misjudged to be unlucky as it also depicts karma and tests of life. So if you are not a believer of karma, number 13 might seem to be unlucky for you as it will make your bad karma come back to you in full circle.

✓ Birthday on 13th

If you do anything new on the 13th day it will give you positive results. Adding up to number 4. A person born on the 13th is lucky to possess the qualities of a person born under the destiny numbers 1st, 3rd and 4th. Such people are highly intelligent and street smart.

✓ 13 surrounds our lives

Number 13 is an extremely important number and surrounds all our lives. It's the beginning and the end. It always completes the full cycle of life. There are 13 cycles of the moon, 13 weeks each of the four seasons we have, the teenage years start at 13.

✓ **Cycle of life**

The number 13 is related to death and the last cycle of our life which freaks out people and scares them, but what it means in reality is that if you have lived a life full of good karmas, you will have a peaceful death. If not, then you will have to pay for what you did before you die. Right here, right now. As long as you have good karmas by your side, number 13 is not unlucky for you. It's just the number of justice. Be good, do good, no harm shall come to you.

✓ **Business**

It's an excellent number for business as well. It assures growth and win. It's a mystical number which holds great sacred power. It's a spiritual shield filled with the divine feminine power that will protect you and stand by you just like a mother. If you see a lot of number 13 around you, it simply means that your fears and doubts are getting healed and you are moving towards growth.

No need to be scared by any number, especially 13. There's no bad luck as such as long as you are backed up by your good deeds.

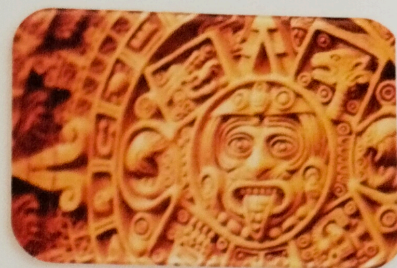
- ✓ In ancient Greece, Zeus is considered as the thirteenth and the most powerful God. This thirteenth God seems to be associated with totality, completion, and attainment.
- ✓ The ladder to eternity has thirteen steps, on reaching the 13th step, it is assumed that your soul attains spiritual completion.
- ✓ 13 is a prime number, which means it cannot be divided by any number other than itself. Hence, symbolizes qualities of incorruptible nature and purity.



- ✓ As we all know, 13 is the age of change or transition for every girl or boy. It is the age when children officially become teenagers.

Mathematics is a language

- ✓ In one of the most powerful civilizations of history, the Aztecs decided to have 13 days in a week as they considered 13 to be an extremely lucky number. Each day was ruled by one God. And the God who ruled the thirteenth day was associated with mystery, psyche, and magic.



- ✓ The US flag has 13 strips, that represent the union of 13 colonies to fight the British rule, later these 13 colonies became the first thirteen states of United States of America.

- ✓ The Thai New Year (Songkran Day) is celebrated on the 13th April. It is considered to be a day of washing away all the bad omens, by splashing water on people, friends, and relatives.
- ✓ In Hindu mythology, **Maha Shivratri** is celebrated either on the **thirteenth night** or fourteenth night of the Magha month, which is very sacred and a holy night for all the Shiva devotees.
- ✓ In the sacred book of the Sikhs, the “Guru Granth Sahib”, “Waheguru” which means eternal guru appears 13 times.



The list goes on.

Being a student of Mathematics, the first thing I learnt was that for a phenomenon to be true, there must be no exceptions. The phenomenon must be proved for every single condition. The fact that we are able to find numerous exceptions to this phenomenon is proof enough for it to be baseless superstition.



Maths is a journey not a destination

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Edited & Compiled By: **Needhi Dubey**

M.Sc. II Sem (Mathematics)