

MATH 115 001 WN 2021

Calculus 1

I

Id

O

• Identity

Hi! My name is Som S. Phene.

SOM means Moon.

Moon dances around and reflects the light of the Sun to the Earth.

My name has a variety of translations which I explore through my life.

I am from India.

One thing I would like to know about myself is if I will have the courage to realize my dream of becoming a farmer.



What is your name and what does it mean?

Introductions: Name, location, one thing



Act I

Student Instructor

Life is a lesson in communication.

Communication is introducing identity.

One thing about communication is that it is two ways.

In this class, we meet and communicate.

I am a student first and then an instructor.

I would like to learn from you how to communicate.

As a class, we will communicate with Mathematics.

Let me introduce Mathematics



Mathematics as a Child.

I am not sure about how to interact, communicate with a child: it is so delicate that it makes me afraid. To be safe, we follow a set of rules to communicate with the child. Once the child gets to know you, the child is very talkative.



Mathematics

Child

Silent

Silent

Point

Mumble

Set

Collection

Function: Set-Rule-Set

Set of rules

function
work

Algebra, Geometry, Analysis
Logic,

Talk

Bridges

Connections

One Thing

One Thing



Identify our introductions

Name - location - One Thing

It is this one thing that communication sets out to explore. It is this one thing which gives meaning to the name that defines our identity



Calculus

Let me introduce Calculus.

Hi!

Calculus was introduced by name by Newton and Leibnitz independently. I would like to give it a back story.

Calculus is all about communication. Balance is essential to communication as it brings two ways in one. In Calculus, the two ways are: Differentiation and Integration.

Learning to walk is balance. Remember learning to walk? Both sides communicate until one identity is reached. Both sides "same" symmetry.

Remember how to swim?

Remember how to cycle?

Examples that you would like to communicate:

