Essential Functions

- Addition : a + b
- Subtraction : a - b
- Multiplication : a * b
- Division : a / b ->
denominator as 0 :
Division by Zero Error.

Formulae	Functions

- User Defined
- Total Sum
  ——————
  Total Count
 	
- a + b + c
- a * b * c
(a+b)^2 =
a^2 + b^2 + 2ab
Force = M * a;
speed = Distance / Time
	- Pre defined : Google sheet Syntax.
	- SUM()
	- AVERAGE()
	- IF()
	- IFS()
	- SUMIF()
	- SUMIFS()
	- COUNTIF()
	- COUNTIFS()

IF - Single
       Condition

IFS - Multiple
       Conditions

Input $\rightarrow$ F(x) **Output**

Potato   Gold

$\longrightarrow$ Logical Operator :

$$\frac{2}{} \quad \frac{2}{} = 4$$

AND Logic

St.1	St.2	Output
T	T	T
T	F	F
F	T	F
F	F	F

If one of the statement
is False, Then output
will be False

OR Logic

St.1	St.2	Output
T	T	T
T	F	T
F	T	T
F	F	F

If One of the statement
is True my Output will be
True.

NOT

T	F
F	T

If the Statement is True/False
then "Not" Logical Operator will
negate it to False/True respectively.

We Want
the
Dynamic
Nature

$\rightarrow$ Concatenate - To join

Eg : |Krishna|Madan

Relative Reference

B	C	D
First Name	**Last Name**	**Full name**
John	Doe	=B14&C14
Jane	Smith	=B15&C15
Mark	Johnson	=B16&C16

filled

John	Doe	=B14&C14	filled
Jane	Smith	=B15&C15	
Mark	Johnson	=B16&C16	autofill
Sara	Williams	=B17&C17	
Chris	Brown	=B18&C18	

A. Equal to (=)
- Example: =A1 = B1

/=

B. Not equal to (<>)
- Who didn't score exactly 92 in Science

fx =G12<>92

=G23=92

Comparison operators

Science	Who scored greater than 85 in english	Who score exactly 92 in science
95	FALSE	FALSE
88	FALSE	FALSE
92	TRUE	TRUE
78	FALSE	FALSE
85	FALSE	FALSE

Who doesn't score exactly 92 in science
TRUE
TRUE
FALSE
TRUE
TRUE

=G23<>92

Logical operators

FALSE ×

...red above 80 in both ma...

=AND(D32>80,F32>80

AND(**logical_expression1**,
[logical_expression2, …])

Science
95
88
92
78
85

=SUM(

SUM(**value1**, [value2, …])

250 ×

=SUM(E13:G13

If few cells are empty in a range selection, So you provide the value as cell name.
Eg : E1 , E4 , E7 , E9, etc.

Otherwise If you are selecting in a consecutive way , you can range selection.