

# [05] Formula: Understanding how to trigger a formula, create an array, and display features of arguments is important

## Formula

- Equal sign (=) as first character triggers a formula
- +/- as first character triggers a formula and adds the equal sign (=) as the first character

= (1<sup>st</sup> character)

	A	B
1	=B1	

+ (1<sup>st</sup> character)

	A	B
1	+B1	

- (1<sup>st</sup> character)

	A	B
1	-B1	

## Array

- { ... } array
- { , } array across columns
- { ; } array down rows
- {1; {1, 2}} nested (or "jagged") arrays not yet allowed<sup>(1)</sup>

Across Columns

	A	B	C	D	E
1	1	2	3	4	10

Down Rows

	A	B	C	D
1	1			
2	2			
3	3			
4	4			
5	10			

## Display features

- Tooltip: Select, view tooltip (Ctrl+Alt+P)
- Transform: Select, press F9
  - F2 and then F9 converts to value
- Data Types: Text, Number, Logical, Error

Tooltip

	A
1	1
2	2
3	3
4	4
5	=SUM(A1:A4)
6	SUM(number1, [

F9

	A
1	1
2	2
3	3
4	4
5	=SUM({1;2;3;4})
6	SUM(number1, [

Data Types within an Array

	A	B	C	D	E	F
1	Text	3.14	TRUE	#N/A		

(1) May also be called an array of arrays.