09 – Formulas explained (Part 1)

Formulas explained (Part 1)

Formula anatomy

$= \boxed{\text{MATCH}} \boxed{(} \boxed{-12} , \boxed{\text{E6:E10}} , \boxed{0})$
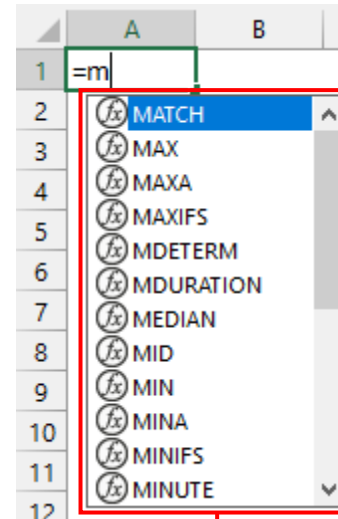
= ➡ formula

MATCH ➡ function name

( ) ➡ required for function

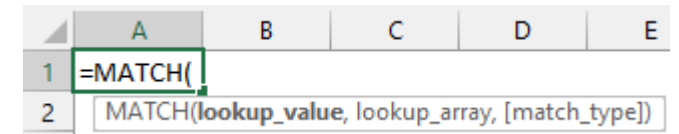function arguments

comma ➡ argument separator

Formula tips
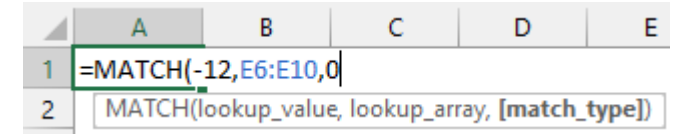
IntelliSense

Keep typing to filter the list

| Tab | Autocomplete function name and add "(" |

=MATCH(

MATCH(**lookup_value**, lookup_array, [match_type])

| Input | Input function arguments |

=MATCH(-12,E6:E10,0

MATCH(lookup_value, lookup_array, [**match_type**])

| Enter | Commit changes and add ")" |

f_x =MATCH(-12,E6:E10,0)

3

| F2 | Edit Mode[1] |

=MATCH(-12,E6:E10,0 |
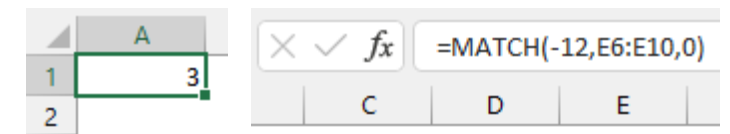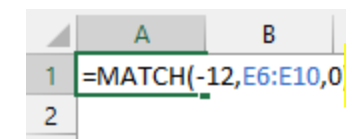
(1) Esc (ignore) or Enter (commit) changes and exit Edit Mode

Formulas explained (Part 1)

Insert Function dialog box

Shift+F3

Insert   Page Layout   Formulas

fx Insert Function   Σ AutoSum   ☆ Recently Used   🗄 Financial   ❓ Logical   Ⓐ Text

Function Library

Insert Function   ?   ✕

Search for a function:

Type a brief description of what yo... click Go

Or select a category: Most Recently...

Select a function:

MATCH
ABS
SUM
AVERAGE
IF
HYPERLINK
COUNT

MATCH(lookup_value,lookup_array...
Returns the relative position of an it...
value in a specified order.

function description

Help on this function

Don't ignore Help!

Function Arguments   ?   ✕

MATCH

Lookup_value   ⬆   = any
Lookup_array   ⬆   = number
Match_type   ⬆   = number

bold **required**
nonbold **optional**

=

Returns the relative position of an item in an array that matches a specified value in a specified order.

Lookup_value   is the value you use to find the value you want in the array, a number, text, or logical value, or a reference to one of these.

argument description

Formula result =

Help on this function   OK   Cancel

OK   Cancel

Excel worksheet

IntelliSense provides function name help and function description

	A	B	C	D	E	F	G	H	I	J
1	=ma									
2	*fx* MATCH		Returns the relative position of an item in an array that matches a specified value in a specified order						
3	*fx* MAX									
4	*fx* MAXA									
5	*fx* MAXIFS									

Required vs. [optional] arguments

	A	B	C	D	E
1	=MATCH(				
2	MATCH **lookup_value**, lookup_array, **[match_type])**				

IntelliSense provides extra help for enumeration values

	A	B	C	D	E	F	G	H	I	J	K	L
1	=MATCH(-12,E6:E10,											
2	MATCH(lookup_value, lookup_array, [match_type])											
3		(...)1 - Less than										
4		(...)0 - Exact match		Finds the first value that is exactly equal to lookup_value. Lookup_array can be in any order								
5		(...)-1 - Greater than										