Excel Formula Cheat-sheet

Syntax : Top Excel Formulas

IF (some condition, value if true, value if false)

SUM (value 1, value 2 …)

CONCATENATE (text1, text2…)
= text1&text2 works too

COUNT (range of cells)

COUNTIF (range of cells, meeting this criteria)

SUMIF (range of cells, meeting this criteria, [optional cells to sum-up])

AVERAGE (range of cells)

VLOOKUP (lookup this, in this table, and get the value in this column, [is the list sorted?])

MAX (range of cells)

TODAY ()

The $s in Formulas

Reference	When dragged	
	Down	Sideways
A1	A2	B1
A$1	A$1	B$1
$A1	$A2	$A1
A1	A1	A1

Excel Formula For …

Percentage

=23/49 (and format the cell as %)

Subtraction

=49-23

Division

=230/23

Multiplication

=23*10

Average

=AVERAGE(23,49)

Today's Date

=TODAY()

Time Now

=NOW()

Compound Interest

=100*(1+10%)^5

Mortgage Payment

=PMT(4.5%/12,240,-100000)

IF then ELSE

=IF(23>49,"23 is big, but how?","49 is big")

$#@$!! Errors, What to do

#NAME?	Correct spellings of formulas & names. Add : to ranges
#N/A	Make sure the data you are looking for is there. Add ISERROR() if needed.
#NUM!	Is the number too big, like 37^5759435 big?
#REF!	Did you just remove a name or cell used by the formula?
#VALUE!	Pass the correct parameters to formulas
#DIV/0!	Is the denominator zero?
#######	Adjust column width