Introduction to Spreadsheet

Spreadsheet Formulas

Take a moment and review these Google Sheets (Spreadsheet) formulas.

Counting and Rounding Formulas

=SUM()	Calculates the sum of a group of values
=AVERAGE()	Calculates the mean of a group of values
=COUNT()	Counts the number of cells in a range that contains numbers
=INT()	Removes the decimal portion of a number
=ROUND()	Rounds a number to a specified number of decimal places
=IF()	Tests for a true or false condition
=SUMIF()	Calculates a sum from a group of values in which a condition has been met
=COUNTIF()	Counts the number of cells in a range that match a criteria.
=COUNTA(A1:A5)	Count the number of non-blank cells in a range
=ROUND(1.45, 1)	Rounds 1.45 to one decimal place
=ROUND(-1.457, 2)	Rounds -1.457 to two decimal places
=TRUE()	Returns the logical value TRUE
=FALSE()	Returns the logical value FALSE
=AND()	Returns TRUE if all of its arguments are TRUE
=OR()	Returns TRUE if any argument is TRUE
=SUBTOTAL()	Used to include or exclude values in hidden rows

Date and Time Formulas

=NOW()	Show the date and time
=TODAY()	Show the current date without the time
=DAY(TODAY())	Show today's date in a cell
=MONTH(TODAY())	Show current month in a cell
=TODAY()+5	Add 5 days to current date

Text Formulas

=LEFT()	Extracts one or more characters from the left side of a text string
=RIGHT()	Extracts one or more characters from the right side of a text string
=MID()	Extracts characters from the middle of a text string
=CONCATENATE()	Merges two or more text strings
=REPLACE()	Replaces part of a text string
=LOWER()	Converts a text string to all lowercase
=UPPER()	Converts a text string to all uppercase
=PROPER()	Converts a text string to proper case
=LEN()	Returns a text string's length in characters
=REPT()	Repeats text a given number of times
=TEXT()	Formats a number and converts it to text
=VALUE()	Converts a text cell to a number
=EXACT()	Checks to see if two text values are identical
=DOLLAR()	Converts a number to text, using the USD currency format
=CLEAN()	Removes all non-printable characters from text

Mathematics

=B2-C9	Subtracts values in the two cells
=D8*A3	Multiplies the numbers in the two cells
=PRODUCT(A1:A19)	Multiplies the cells in the range
=PRODUCT(F6:A1,2)	Multiplies the cells in the range, and multiplies the result by 2
=A1/A3	Divides value in A1 by the value in A3
=MOD()	Returns the remainder from division
=MIN(A1:A8)	Calculates the smallest number in a range
=MAX(C27:C34)	Calculates the largest number in a range
=SMALL(B1:B7, 2)	Calculates the second smallest number in a range
=LARGE(G13:D7,3)	Calculates the third largest number in a range
=POWER(9,2)	Calculates nine squared
=9^3	Calculates nine cubed
=FACT(A1)	Factorial of value in A1
=EVEN()	Rounds a number up to the nearest even integer
=ODD()	Rounds a number up to the nearest odd integer
=AVERAGE()	Calculates the average
=MEDIAN()	Calculates the median
=SQRT()	Calculates the square root of a number
=PI()	Shows the value of pi
=POWER()	Calculates the result of a number raised to a power
=RAND()	Returns a random number between 0 and 1
=RANDBETWEEN()	Returns a random number between the numbers you specify
=COS()	Calculates the cosine of a number
=SIN ()	Calculates the sine of the given angle
=TAN()	Calculates the tangent of a number

=CORREL()	Calculates the correlation coefficient between two data sets
=STDEVA()	Estimates standard deviation based on a sample
=PROB()	Returns the probability that values in a range are between two limits

Unit Conversion Formulas

=CONVERT(A1,"day","hr")	Converts value of A1 from days to hours
=CONVERT(A1,"hr","mn")	Converts value of A1 from hours to minutes
=CONVERT(A1,"yr", "day")	Converts value of A1 from years to days
=CONVERT(A1,"C","F")	Converts value of A1 from Celsius to Fahrenheit
=CONVERT(A1,"tsp","tbs")	Converts value of A1 from teaspoons to tablespoons
=CONVERT(A1,"gal","l")	Converts value of A1 from gallons to liters
=CONVERT(A1,"mi","km")	Converts value of A1 from miles to kilometers
=CONVERT(A1,"km","mi")	Converts value of A1 from kilometers to miles
=CONVERT(A1,"in","ft")	Converts value of A1 from inches to feet
=CONVERT(A1,"cm","in")	Converts value of A1 from centimeters to inches
=BIN2DEC(1100100)	Converts binary 1100100 to decimal (100)
=ROMAN()	Converts a number into a Roman numeral

Explore More

- https://support.google.com/a/users/answer/9300022?hl=en