

ABS(number)  
 AND(logical1,logical2,...)  
 AREAS(reference)  
 AVERAGE(number1,number2,...)  
 CELL(type\_of\_info,reference)  
 CHOOSE(index\_number,value1,value2,...)  
 COLUMN(reference)  
 COLUMNS(array)  
 COUNT(value1,value2,...)  
 DATE(year,month,day)  
 DATEVALUE(date\_text)  
 DAVERAGE(database,field,criteria)  
 DAY(serial\_number)  
 DCOUNT(database,field,criteria)  
 DCOUNTA(database,field,criteria)  
 DDB(cost,salvage,life,period,factor)  
 DMAX(database,field,criteria)  
 DMIN(database,field,criteria)  
 DPRODUCT(database,field,criteria)  
 DSTDEV(database,field,criteria)  
 DSTDEVP(database,field,criteria)  
 DSUM(database,field,criteria)  
 DVAR(database,field,criteria)  
 DVARP(database,field,criteria)  
 EXP(number)  
 FACT(number)  
 FALSE()  
 FV(rate,nper,pmt,pv,type)  
 GROWTH(known\_y's,known\_x's,new\_x's)  
 HLOOKUP(lookup\_value,table\_array,row\_index\_num)  
 HOUR(serial\_number)  
 IF(logical\_test,value\_if\_true,value\_if\_false)  
 INDEX(array,row\_num,column\_num)  
 INDEX(ref,row\_num,column\_num,area\_num)  
 INDIRECT(ref\_text,type\_of\_ref)  
 INT(number)  
 IPMT(rate,per,nper,pv,fv,type)  
 IRR(values,guess)  
 ISBLANK(value)  
 ISERR(value)  
 ISERROR(value)  
 ISLOGICAL(value)

Absolute value of number  
 TRUE if every argument is TRUE, otherwise, FALSE  
 Number of areas in reference  
 Average of numbers in numbers  
 Information about formatting, location, or contents of upper-left cell in reference  
 Use index\_number to select a value from values  
 Column numbers in reference  
 Number of columns in array  
 Count of numbers in values  
 Serial number of specified date  
 Serial number of date\_text  
 Average of numbers in specified field of records in database matching criteria  
 Converts serial\_number to a day of the month  
 Count of numbers in specified field of records in database matching criteria  
 Count of non-empty cells in specified field of records in database matching criteria  
 Depreciation of an asset using the double-declining balance method  
 Maximum of numbers in specified field of records in database matching criteria  
 Minimum of numbers in specified field of records in database matching criteria  
 Product of numbers in specified field of records in database matching criteria  
 Standard Deviation of numbers in specified field of records in database matching criteria  
 Standard Deviation of a population, based on the entire population, using numbers in specified field of records in database matching criteria  
 Sum of numbers in specified field of records in database matching criteria  
 Estimate of variance of a population, based on a sample, using numbers in specified field of records in database matching criteria  
 Variance of a population, based on the entire population, using numbers in specified field of records in database matching criteria  
 $e(2.718...)$  to the power number  
 Factorial of number  
 Logical value FALSE  
 Future value of investment  
 Values on exponential trend  $y=b*m^x$   
 Value in a table selected by lookup\_value  
 Converts serial\_number to an hour of the day  
 Value\_if\_true if logical\_test is TRUE; value\_if\_false if logical\_test is FALSE  
 Reference in ref or value in array selected by index values  
 Contents of the cell from its ref  
 Number rounded down to the nearest integer  
 Interest payment for an investment over a given period  
 Internal rate of return of values  
 TRUE if value is blank  
 TRUE if value is any error value except #N/A  
 TRUE if value is any error value  
 TRUE if value is a logical value

ISNA(value)	TRUE if value is the error value #N/A
ISNONTEXT(value)	TRUE if value is not text
ISNUMBER(value)	TRUE if value is a number
ISREF(value)	TRUE if value is reference
ISTEXT(value)	TRUE if value is text
LINEST(known_y's,known_x's)	Parameters of linear trend $y=m*x+b$
LN(number)	Natural logarithm of number
LOG(number,base)	Logarithm of number in base
LOG10(number)	Base 10 logarithm of number
LOGEST(known_y's,known_x's)	Parameters of exponential trend $y=b*m^x$
LOOKUP(lookup_value,array)	Value in a table selected by lookup_value
LOOKUP(lookup_value,lookup_vector,result_vector)	Index of a value selected by lookup_value
MATCH(lookup_value,lookup_array,type_of_match)	Maximum number in numbers
MAX(number1,number2,...)	Determinant of array
MDTERM(array)	Minimum number in numbers
MIN(number1,number2,...)	Converts serial_number to an hour of the day
MINUTE(serial_number)	Inverse of matrix or array
MINVERSE(array)	Modified internal rate of return of values
MIRR(values,finance_rate,reinvest_rate)	Matrix product of array1 and array2
MMULT(array1,array2)	Remainder of number divided by divisor_number
MOD(number,divisor_number)	Converts serial_number to a month of the year
MONTH(serial_number)	Value translated into a number
N(value)	Error value #N/A
NA( )	TRUE if logical is FALSE; FALSE if logical is TRUE
NOT(logical)	Serial_number of current date and time
NOW()	Number of payments of investment
NPER(rate,pmt,pv,fv,type)	Net present value of values
NPV(rate,value1,value2,...)	TRUE if any argument is TRUE; otherwise, FALSE
OR(logical1,logical2,...)	Value of $\pi$
PI()	Periodic payment of investment
PMT(rate,nper,pv,fv,type)	Payment on the principal for an investment over a given period
PPMT(rate,per,nper,pv,fv,type)	Product of numbers in numbers
PRODUCT(number1,number2,...)	Present value of investment
PV(rate,nper,pmt,fv,type)	Random number between 0 and 1
RAND()	Rate returned on investment
RATE(nper,pmt,pv,fv,type,guess)	Rounds number to number_of_digits
ROUND(number,number_of_digits)	Row numbers in reference
ROW(reference)	Number of rows in array
ROWS(array)	Converts serial_number to a second
SECOND(serial_number)	Sign of number
SIGN(number)	Straight-line depreciation for an asset
SLN(cost,salvage,life)	

SQRT(number)	Square root of number
STDEV(number1,number2,...)	Estimate of standard deviation of a population based on a sample
STDEVP(number1,number2,...)	Standard deviation of a population based on the entire population
SUM(number1,number2,...)	Sum of numbers in numbers
SYD(cost,salvage,life,per)	Sum-of-years' digits depreciation for an asset
T(value)	Value translated into text
TIME(hour,minute,second)	Serial number of a specified time
TIMEVALUE(time_text)	Serial number of a time_text
TRANSPOSE(array)	Transpose of array
TREND(known_y's,known_x's,new_x's)	Values on linear trend
TRUE()	Logical value TRUE
TRUN(number)	Integer part of number
TYPE(value)	Type of value
VAR(number1,number2,...)	Estimate of variance of a population based on a sample
VARP(number1,number2,...)	Variance of a population based on the entire population
VLOOKUP(lookup_value,table_array,col_index)	Value in a table selected by lookup_value
WEEKDAY(serial_number)	Converts serial_number to a day of the week
YEAR(serial_number)	Converts serial-number to a year
CHAR(number)	ANSI character corresponding to number
CLEAN(text)	Removes non-printable characters from text
CODE(text)	ASCII code of the first character in text
DOLLAR(number,decimals)	Rounds number and gives as text in currency format
EXACT(text1,text2)	Tests to see if text1 and text2 are exactly the same
FIND(find_text,within_text,start_at_num)	Finds find_text within within_text
FIXED(number,decimals)	Rounds number and gives as text
LEFT(text,number_of_characters)	Extracts first number_of_characters from text
LEN(text)	Length of text
LOWER(text)	Converts text to lowercase
MID(text,start_number,number_of_characters)	Extracts number_of_characters from text
PROPER(text)	Converts text to initial capitals
REPLACE(old_text,start_num,num_chars,new_text)	Replaces num_chars characters in old_text with new_text
REPT(text,number_times)	Repeats text number_times times
RIGHT(text,number_of_chars)	Last number_of_chars characters in text
SEARCH(find_text,within_text,start_at_num)	Searches for find_text within within_text
SUBSTITUTE(text,old_text,new_text,instance_number)	Substitutes new_text for old_text in text
TEXT(value,format_text)	Converts value to text using format format_text
TRIM(text)	Removes spaces from text
UPPER(text)	Converts text to uppercase
VALUE(text)	Converts text to a number
ACOS(number)	Arccosine of number
ASIN(number)	Arcsine of number
ATAN(number)	Arctangent of number

ATAN2(x\_number,y\_number)  
COS(radians)  
SIN(radians)  
TAN(radians)

Arctangent of point (x\_number,y\_number)  
Cosine of radians  
Sine of radians  
Tangent of radians