## Math and Trigonometry Functions

| Function | Description |
| :---: | :---: |
| ABS | Returns the absolute value of a number |
| ACOS | Returns the arccosine of a number |
| ACOSH | Returns the inverse hyperbolic cosine of a number |
| AGGREGATE | Returns the aggregate in a list or database |
| ASIN | Returns the arcsine of a number |
| ASINH | Returns the inverse hyperbolic sine of a number |
| ATAN | Returns the arctangent of a number |
| ATAN2 | Returns the arctangent from $x$ - and $y$-coordinates |
| ATANH | Returns the inverse hyperbolic tangent of a number |
| CEILING | Rounds a number to the nearest integer or to the nearest multiple of significance |
| CEILING.PRECISE | Rounds a number the nearest integer or to the nearest multiple of significance. The number is rounded up regardless of the sign of the number. |
| COMBIN | Returns the number of combinations for a given number of objects |
| COS | Returns the cosine of a number |
| COSH | Returns the hyperbolic cosine of a number |
| DEGREES | Converts radians to degrees |
| EVEN | Rounds a number up to the nearest even integer |
| EXP | Returns e raised to the power of a given number |
| FACT | Returns the factorial of a number |
| FACTDOUBLE | Returns the double factorial of a number |
| FLOOR | Rounds a number down, toward zero |
| FLOOR.PRECISE | Rounds a number down to the nearest integer or to the nearest multiple of significance. The number is rounded up regardless of the sign of the number. |
| GCD | Returns the greatest common divisor |
| INT | Rounds a number down to the nearest integer |
| LCM | Returns the least common multiple |
| LN | Returns the natural logarithm of a number |
| LOG | Returns the logarithm of a number to a specified base |
| LOG10 | Returns the base-10 logarithm of a number |
| MDETERM | Returns the matrix determinant of an array |
| MINVERSE | Returns the matrix inverse of an array |
| MMULT | Returns the matrix product of two arrays |
| MOD | Returns the remainder from division |
| MROUND | Returns a number rounded to the desired multiple |
| MULTINOMIAL | Returns the multinomial of a set of numbers |
| ODD | Rounds a number up to the nearest odd integer |
| PI | Returns the value of pi |
| POWER | Returns the result of a number raised to a power |


| PRODUCT | Multiplies its arguments |
| :--- | :--- |
| QUOTIENT | Returns the integer portion of a division |
| RADIANS | Converts degrees to radians |
| RAND | Returns a random number between 0 and 1 |
| RANDBETWEEN | Returns a random number between the numbers you specify |
| ROMAN | Converts an Arabic numeral to Roman, as text |
| ROUND | Rounds a number to a specified number of digits |
| ROUNDDOWN | Rounds a number down, toward zero |
| ROUNDUP | Rounds a number up, away from zero |
| SERIESSUM | Returns the sum of a power series based on the formula |
| SIGN | Returns the sign of a number |
| SIN | Returns the sine of the given angle |
| SINH | Returns the hyperbolic sine of a number |
| SQRT | Returns a positive square root |
| SQRTPI | Returns the square root of (number * pi) |
| SUBTOTAL | Returns a subtotal in a list or database |
| SUM | Adds the cells specified by a given criteria |
| SUMIF | Adds the cells in a range that meet multiple criteria |
| SUMIFS | Returns the sum of the products of corresponding array components |
| SUMPRODUCT | Returns the sum of the squares of the arguments |
| SUMSQ | Returns the sum of the difference of squares of corresponding values in two arrays |
| SUMX2MY2 | Returns the sum of the sum of squares of corresponding values in two arrays |
| SUMX2PY2 | Returns the sum of squares of differences of corresponding values in two arrays |
| SUMXMY2 | Returns the hyperbolic tangent of a number |
| TAN | Reates a number to an integer |
| TANH | RRUNC |

