



Power Automate
Expressions & Formula
Cheat Sheet

Expression	Syntax	Example	Output
add	add(number1, number2)	add(5, 3)	8
addToTime	addToTime(baseDateTime, hours, minutes, seconds)	addToTime(utcNow(), 1, 0, 0)	<i>Current time + 1 hour</i>
and	and(condition1, condition2, ...)	and(true, false)	false
base64ToString	base64ToString(base64String)	base64ToString('SGVsbG8gV29ybGQ=')	"Hello World"
bool	bool(value)	bool(1)	true
coalesce	coalesce(value1, value2, ...)	coalesce(null, 'Fallback', 'Second')	'Fallback'
contains	contains(string, substring)	contains('Hello World', 'World')	true
convertTimeZone	convertTimeZone(dateTime, sourceTimeZone, destinationTimeZone)	convertTimeZone(utcNow(), 'UTC', 'Eastern Standard Time')	<i>Current time in EST</i>
convertToUtc	convertToUtc(dateTime)	convertToUtc('2024-03-11T12:00:00Z')	'2024-03-11T12:00:00Z'
concat	concat(string1, string2, ...)	concat('Hello', ' ', 'World')	'Hello World'
contains	contains(string, substring)	contains('Hello World', 'World')	true
div	div(dividend, divisor)	div(10, 2)	5
empty	empty(value)	empty('')	true
endsWith	endsWith(string, substring)	endsWith('Hello World', 'World')	true
equals	equals(value1, value2)	equals(5, 5)	true
first	first(array)	first([1, 2, 3])	1
float	float(value)	float('5.5')	5.5
formatDateTime	formatDateTime(dateTime, format)	formatDateTime(utcNow(), 'yyyy-MM-dd')	'2024-03-11'
formatNumber	formatNumber(number, format, locale)	formatNumber(1234567.89, 'Currency', 'en-US')	'\$1,234,567.89'
formatString	formatString(format, value1, value2, ...)	formatString('Hello {0}!', 'World')	'Hello World!'

gmtNow	gmtNow()	gmtNow()	<i>Current GMT time</i>
guid	guid()	guid()	<i>Random GUID</i>
indexOf	indexOf(string, substring)	indexOf('Hello World', 'World')	6
int	int(value)	int('5')	5
isBase64	isBase64(string)	isBase64('SGVsbG8gV29ybGQ=')	true
join	join(separator, array)	join(', ', ['apple', 'banana', 'orange'])	'apple, banana, orange'
json	json(string)	json('{"name": "John"}')	{"name": "John"}
last	last(array)	last([1, 2, 3])	3
length	length(string)	length('Hello World')	11
less	less(value1, value2)	less(5, 10)	true
mod	mod(dividend, divisor)	mod(10, 3)	1
mul	mul(number1, number2)	mul(5, 3)	15
not	not(condition)	not(true)	false
or	or(condition1, condition2, ...)	or(true, false)	true
rand	rand()	rand()	<i>Random number between 0 and 1</i>
replace	replace(string, find, replace)	replace('Hello World', 'World', 'Universe')	'Hello Universe'
reverse	reverse(array)	reverse([1, 2, 3])	[3, 2, 1]
round	round(number)	round(5.49)	5
setProperty	setProperty(object, propertyName, value)	setProperty({}, 'name', 'John')	{"name": "John"}
skip	skip(array, count)	skip([1, 2, 3], 2)	[3]
split	split(string, delimiter)	split('apple,banana,orange', ',')	['apple', 'banana', 'orange']

startsWith	<code>startsWith(string, substring)</code>	<code>startsWith('Hello World', 'Hello')</code>	<code>true</code>
string	<code>string(value)</code>	<code>string(5)</code>	<code>'5'</code>
sub	<code>sub(number1, number2)</code>	<code>sub(5, 3)</code>	<code>2</code>
substring	<code>substring(string, startIndex, length)</code>	<code>substring('Hello World', 6, 5)</code>	<code>'World'</code>
substringof	<code>substringof(substring, string)</code>	<code>substringof('World', 'Hello World')</code>	<code>true</code>
toLowerCase	<code>toLowerCase(string)</code>	<code>toLowerCase('Hello World')</code>	