

No	Type	Name	Syntax	Returns
1	Conditional	IF	IF(logical-expression,value-if-true,value-if-false)	Either/or conditional evaluation.
2	Conditional	IFS	IFS(condition1,value1, [condition2,value2 ...])	First-match conditional evaluation.
3	Conditional	SWITCH	SWITCH(expression,case1,value1, [case2,value2...],default)	Choose-one conditional evaluation.
4	Date and time	DATE	DATE(when)	DatefromDate,DateTime, orTime.
5	Date and time	DATETIME	DATETIME(when)	DateTimefromDate,DateTime, orTime.
6	Date and time	DAY	DAY(when)	Day of month fromDate,DateTime, orTime.
7	Date and time	EOMONTH	EOMONTH(when,offset-months)	Date of last day of a month fromDateorDateTime.
8	Date and time	EOWEEK	EOWEEK(when)	Date of last day of a week fromDateorDateTime.
9	Date and time	EWOMONTH	EWOMONTH(when,offset-months)	Date of last weekday of a monthDateorDateTime.
10	Date and time	EXTRACTDATES	EXTRACTDATES(text-to-extract-from)	Extract list of dates within a textual value.
11	Date and time	EXTRACTDATETIMES	EXTRACTDATETIMES(text-to-extract-from)	Extract list ofDateTimevalues within a textual value.
12	Date and time	EXTRACTDURATIONS	EXTRACTDURATIONS(text-to-extract-from)	Extract list ofDurationvalues within a textual value.
13	Date and time	EXTRACTTIMES	EXTRACTTIMES(text-to-extract-from)	Extract list ofTimevalues within a textual value.
14	Date and time	HOUR	HOUR(duration)	Count of hours (Number) inDuration.
15	Date and time	ISOWEEKNUM	ISOWEEKNUM(date)	Number of the ISO week of the year for the specified date.
16	Date and time	MINUTE	MINUTE(duration)	Minute of hour fromDuration.
17	Date and time	NOW	NOW()	Current date and time.
18	Date and time	MONTH	MONTH(when)	Month of year from Date, DateTime, or Time.
19	Date and time	SECOND	SECOND(duration)	Second of minute fromDuration.
20	Date and time	TIME	TIME(when)	Time fromDate,DateTime, orTime.
21	Date and time	TIMENOW	TIMENOW()	Current time.
22	Date and time	TODAY	TODAY()	Current date.
23	Date and time	TOTALHOURS	TOTALHOURS(duration)	Count of hours (Decimal) inDuration.
24	Date and time	TOTALMINUTES	TOTALMINUTES(duration)	Count of minutes inDuration.
25	Date and time	TOTALSECONDS	TOTALSECONDS(duration)	Count of seconds inDuration.
26	Date and time	USERTZOFFSET	USERTZOFFSET()	User's local time offset from UTC.
27	Date and time	UTCNOW	UTCNOW()	Current time and date in UTC.
28	Date and time	WEEKDAY	WEEKDAY(when)	Day of week fromDateorDateTime.
29	Date and time	WEEKNUM	WEEKNUM(when)	Week of year fromDateorDateTime.
30	Date and time	WORKDAY	WORKDAY(when,days, [holidays])	Computed date excluding non-work days.
31	Date and time	YEAR	YEAR(when)	Year fromDate,DateTime, orTime.
32	Image	SNAPSHOT	SNAPSHOT(deep-link)	Take a snapshot of a view.
33	Image	TEXT_ICON	TEXT_ICON(text)	Icon from text.
34	Informational	CONTEXT	CONTEXT(option)	Information about the running app.
35	Informational	INPUT	INPUT(input-name,default)	Dynamic input assigned by the user or an action.
36	Informational	USEREMAIL	USEREMAIL()	User's email address.
37	Informational	USERLOCALE	USERLOCALE()	User's locale.
38	Informational	USERNAME	USERNAME()	User's name.
39	Informational	USERROLE	USERROLE()	User's role.
40	Informational	USERSETTINGS	USERSETTINGS("user-setting")	Specified user setting value.
41	Link	ENCODEURL	ENCODEURL(text)	Encode text for use in URL.
42	Link	HYPERLINK	HYPERLINK(url,text)	New hyperlink.
43	Link	LINKTEXT	LINKTEXT(hyperlink)	Text component of hyperlink.
44	Link	LINKTOAPP	LINKTOAPP(app-name)	Constructed deep link to an app.
45	Link	LINKTOFILTEREDVIEW	LINKTOFILTEREDVIEW(view,filter)	Constructed deep link to a filtered view.
46	Link	LINKTOFORM	LINKTOFORM(view,column,value,[column,value...], [app-name])	Constructed deep link to a form.
47	Link	LINKTOPARENTVIEW	LINKTOPARENTVIEW()	Constructed deep link to the parent view.
48	Link	LINKTOROW	LINKTOROW(key,view,[app-name])	Constructed deep link to a row.
49	Link	LINKTOVIEW	LINKTOVIEW(view,[app-name])	Constructed deep link to a view.
50	Link	LINKURL	LINKURL(hyperlink)	URL component of hyperlink.
51	List	ANY	ANY(list)	One arbitrary list item.
52	List	COUNT	COUNT(list)	Number of list items.
53	List	IN	IN(item-to-search-for,list-to-search)	Is item in list?
54	List	INDEX	INDEX(list,which-one)	One specific line item.
55	List	INTERSECT	INTERSECT(list1,list2)	Items common to two lists.
56	List	LIST	LIST([value...])	New list.
57	List	MAX	MAX(list)	Highest item in a list.
58	List	MIN	MIN(list)	Lowest item in a list.
59	List	SORT	SORT(list, [descending])	Sorted list of items.
60	List	SPLIT	SPLIT(text,delimiter)	List from text.
61	List	TOP	TOP(list,how-many)	Initial list of items.
62	List	UNIQUE	UNIQUE(list)	Unique items in list.
63	Location	DISTANCE	DISTANCE(location1,location2)	Distance between locations.
64	Location	HERE	HERE()	Current location.
65	Location	LAT	LAT(when)	Latitude component of location.
66	Location	LATLONG	LATLONG(latitude,longitude)	LatLongfrom components.
67	Location	LONG	LONG(when)	Longitude component of location.
68	Location	XY	XY(x,y)	XY value based on the coordinates.
69	Logical	AND	AND(condition1,condition2,[condition3...])	Answer: Are all true?
70	Logical	NOT	NOT(condition)	Is it false?
71	Logical	OR	OR(condition1,condition2, [condition3...])	Are any true?
72	Math	ABS	ABS(x)	Arithmetic absolute value.
73	Math	AVERAGE	AVERAGE(list)	Arithmetic average of list of numeric values.
74	Math	CEILING	CEILING(x)	Round up to nearestinteger.
75	Math	DECIMAL	DECIMAL(x)	Decimal from any value.
76	Math	FLOOR	FLOOR(x)	Round down to nearest integer.
77	Math	LN	LN(x)	Natural logarithm of a numeric value.
78	Math	LOG	LOG(x,[base])	Logarithm of a numeric value.

No	Type	Name	Syntax	Returns
79	Math	LOG2	LOG2(x)	Base 2 logarithm of a numeric value.
80	Math	LOG10	LOG10(x)	Base 10 logarithm of a numeric value.
81	Math	MOD	MOD(dividend,divisor)	Arithmetic remainder from integer division.
82	Math	NUMBER	NUMBER(value)	Number from any value.
83	Math	POWER	POWER(x,y)	Arithmetic exponentiation.
84	Math	RANDBETWEEN	RANDBETWEEN(lower-bound,upper-bound)	Random integer from range.
85	Math	ROUND	ROUND(x)	Nearest integer.
86	Math	SQRT	SQRT(x)	Arithmetic square root.
87	Math	STDEVP	STDEVP(list)	Arithmetic standard deviation of list items.
88	Math	SUM	SUM(list)	Arithmetic sum of list items.
89	Table	FILTER	FILTER(dataset,row-condition)	Select rows of table or slice.
90	Table	LOOKUP	LOOKUP(value,dataset,column,return-column)	Get column value from row in table or slice.
91	Table	MAXROW	MAXROW(dataset,column,[row-condition])	Row with greatest value in column.
92	Table	MINROW	MINROW(dataset,column,[row-condition])	Row with lowest value in column.
93	Table	ORDERBY	ORDERBY(keys,sort-key, [descending-order, [sort-key]]...)	Sort row references.
94	Table	REF_ROWS	REF_ROWS(dataset,ref-column)	Gather related rows from table or slice.
95	Table	SELECT	SELECT(dataset-column,row-condition,[distinct-only])	Select rows from a table or slice.
96	Table	UNIQUEID	UNIQUEID([type])	Pseudo-unique ID.
97	Text	CONCATENATE	CONCATENATE(part,[part ...])	Merged text from parts.
98	Text	DOMAINOF	DOMAINOF(email)	Extract domain from an email address.
99	Text	ENDSWITH	ENDSWITH(text-to-search,search-for)	Does text end with fragment?
100	Text	EXTRACT	EXTRACT("text",text-to-extract-from)	Extract values from text.
101	Text	EXTRACTDOMAINS	EXTRACTDOMAINS(text-to-extract-from)	Extract list of domain values within a textual value.
102	Text	EXTRACTEMAILS	EXTRACTEMAILS(text-to-extract-from)	Extract list ofEmailvalues within a textual value.
103	Text	EXTRACTHASHTAGS	EXTRACTHASHTAGS(text-to-extract-from)	Extract list of hashtags within a textual value.
104	Text	EXTRACTMENTIONS	EXTRACTMENTIONS(text-to-extract-from)	Extract list of mentions within a textual value.
105	Text	EXTRACTNUMBERS	EXTRACTNUMBERS(text-to-extract-from)	Extract list of numeric values within a textual value.
106	Text	EXTRACTPHONENUMBERS	EXTRACTPHONENUMBERS(text-to-extract-from)	Extract list of phone numbers within a textual value.
107	Text	EXTRACTPRICES	EXTRACTPRICES(text-to-extract-from)	Extract list of price values within a textual value.
108	Text	FIND	FIND(search-for,text-to-search)	Position of fragment in text.
109	Text	INITIALS	INITIALS(text)	First character of each word.
110	Text	LEFT	LEFT(text,how-many)	Left-most characters of text.
111	Text	LEN	LEN(text)	Number of characters in textual value.
112	Text	LOWER	LOWER(text)	Convert text to lowercase.
113	Text	MID	MID(text,begin-at,length)	Segment of a string.
114	Text	OCRTEXT	OCRTEXT([image-column])	Extract all text from an image.
115	Text	RIGHT	RIGHT(text,how-many)	Right-most consecutive characters from a textual value.
116	Text	STARTSWITH	STARTSWITH(text-to-search,search-for)	Does text begin with fragment?
117	Text	SUBSTITUTE	SUBSTITUTE(text-to-search,search-for,replace-with)	Text with replacements
118	Text	TEXT	TEXT(value,[format])	ormatted text from the first argument..
119	Text	TRIM	TRIM(value)	Format as text.
120	Text	UPPER	UPPER(text)	Convert text to uppercase.
121	Yes/No	CONTAINS	CONTAINS(text-to-search,text-to-search-for)	Does text contain fragment?
122	Yes/No	EXTRACTCHOICE	EXTRACTCHOICE(text-to-extract-from)	Extract oneYes/Novalue within textual value.
123	Yes/No	ISBLANK	ISBLANK(value)	Is value absent?
124	Yes/No	ISNOTBLANK	ISNOTBLANK(value)	Is value present?

<https://support.google.com/appsheet/table/10104782?hl=en>