



Formula Sample

This report shows only a few of the possibilities given by the powerful formula language supported by i-net Clear Reports. Among other things, it is additionally possible to store values in variables, run through loops and conditional branches, as well as read from files. This creates an exciting potential for analyzing and organizing your data in new and more powerful ways.

<u>Math Formulas</u>			<u>String Formulas</u>		
Description	Example code	Result	Description	Example code	Result
Integer division	4711 \ 23	204.00	Index of one string in another	IndexOf ("Cost: \$234.40", "\$")	6.00
Decimal division	4711 / 23	204.83	Extract characters from t	Left("Test", 3)	Tes
Remainder	4711 mod 23	19.00	Length of a string	Length ("T e s t")	7.00
Exponentiating	1.035 ^ 30	2.81	Convert string to lower case	Lowercase ("AbCdE")	abcde
Logarithm	log(4711)	8.46	Extract characters from the middle	Mid ("test", 2, 2)	es
Sine function	sin(34.2)	0.35	Convert number to words	ToWords (2441.6)	two thousand four hundred forty-one an
Variance	variance ([100,97,103])	9.00			
<u>Date and Time Formulas</u>			<u>Document Property Formulas</u>		
Description	Example code	Result	Description	Example code	Result
Print Date	PrintDate	8/3/24	Report Author	FileAuthor	i-net software
Specifying a date	Date(2007,1,24)	1/14/07	Report Creation Date	FileCreationDate	12/11/06
Changing a date by an interval	DateAdd('m', 3, PrintDate)	11/3/24	Export File Format (empty if no export)	FileFormat	pdf
Information about a date (e.g. which calendar week)	DatePart('ww', PrintDate)	31.00	Time of report rendering	PrintTime	11:02:51 PM
Checking for date ranges	printdate in calendar1stQtr	False	Report Title	ReportTitle	Formula Sample
Conversion to a date from a string	CDateTime ("1/14/2007 3:14 pm")	1/14/07 3:14:00 PM	Total number of pages in the report	TotalPageCount	1.00