

## 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>		
<i>Description</i>	Example code	Result	<i>Description</i>	Example code	Result
<i>Integer division</i>	4711 \ 23	204.00	<i>Index of one string in another</i>	IndexOf ("Cost: \$234.40", "\$")	6.00
<i>Decimal division</i>	4711 / 23	204.83	<i>Extract characters from the left</i>	Left ("Test", 3)	Tes
<i>Remainder</i>	4711 mod 23	19.00	<i>Length of a string</i>	Length ("T e s t")	7.00
<i>Exponentiating</i>	1.035 ^ 30	2.81	<i>Convert string to lower case</i>	Lowercase ("AbCdE")	abcde
<i>Logarithm</i>	log(4711)	8.46	<i>Extract characters from the middle</i>	Mid ("test", 2, 2)	es
<i>Sine function</i>	sin(34.2)	0.35	<i>Convert number to words</i>	ToWords (2441.6)	two thousand four hundred forty-one and 60 / 100
<i>Variance</i>	variance ([100, 97, 103])	9.00			
<u>Date and Time Formulas</u>			<u>Document Property Formulas</u>		
<i>Description</i>	Example code	Result	<i>Description</i>	Example code	Result
<i>Print Date</i>	PrintDate	4/19/24	<i>Report Author</i>	FileAuthor	i-net software
<i>Specifying a date</i>	Date(2007,1,24)	1/14/07	<i>Report Creation Date</i>	FileCreationDate	12/11/06
<i>Changing a date by an interval</i>	DateAdd('m', 3, PrintDate)	7/19/24	<i>Export File Format (empty if no export)</i>	FileFormat	pdf
<i>Information about a date (e.g. which calendar week)</i>	DatePart('ww', PrintDate)	16.00	<i>Time of report rendering</i>	PrintTime	5:59:42 PM
<i>Checking for date ranges</i>	printdate in calendar1stQtr	False	<i>Report Title</i>	ReportTitle	Formula Sample
<i>Conversion to a date from a string</i>	CDateTime ("1/14/2007 3:14 pm")	1/14/07 3:14:00 PM	<i>Total number of pages in the report</i>	TotalPageCount	1.00