SunCalc Functions

Must enter in the proper format (RPN)

- N1 N2 F
- N1 F

Functions aren't case sensitive.

Use **ans** or **answer** to use the previous answer in an equation. And use **ans2** or **answer2** for when you get 2 answers.

Type **esc** or **escape** to quit.

Type **help** for assistance.

Type **health** to access SunCalcHealth

All irrational numbers can be used as functions.

Gray functions also work.

Function	Sample Input	Sample Output
+ add plus	1 2 +	1.0 + 2.0 = 3.0
++ increment increase	12 ++	12++ = 13
- subtract minus	10 8 -	10.0 - 8.0 = 2.0
-- decrement decrease	12 --	12-- = 11
* multiply times mult x	3 3 *	3.0 * 3.0 = 9.0
/ divide div	9 2 /	9.0 / 2.0 = 4.5
// floordivide floordiv	6 2.3 //	6 // 2.3 = 2
>	2 4 >	false
>=	3.5 3.5 >=	true
<	2 5 <	true
<=	2 4 <=	true
= ==	4 3 =	false
!=	6.4 6.4 !=	false

max maximum	12.9 11.9 max	12.9
min minimum	12.9 11.9 min	11.9
% mod modulus	10 2 %	10.0 % 2.0 = 4.5
|| abval	-1 ||	|-1.0| = 1.0
! factorial	4 !	4.0! = 24.0
^ exponent power exp pow	4 4 ^	4.0^4.0 = 16.0
rt root	9 2 rt	9^(1.0/2.0) = 3.0

rnd round	16.23 rnd	16.23 rounded is 16
trunc truncate	4.7 truncate	4.7 truncated is 4.0
sin sine	10 sin	sin(10.0) = -0.5440211108893698
asin arcsine arcsin	.25 asin	asin(0.25) = 0.25268025514207865
sinh	5 sinh	sinh(5.0) = 74.20321057778875
cos cosine	10 cos	cos(10.0) = -0.8390715290764524
acos arccosine arccos	.25 acos	acos(0.25) = 1.318116071652818
cosh	5 cosh	cosh(5.0) = 74.20994852478785
tan tangent	10 tan	tan(10.0) = 0.6483608274590866
atan arctangent arctan	.25 atan	atan(0.25) = 0.24497866312686414
tanh	5 tanh	tanh(5.0) = 0.9999092042625951
ln natlog	21 ln	ln(21.0) = 3.044522437723423
log	4 log	log(4) = 0.6020599913279624
