

SunCalc Functions

The **gray** functions do not work on the CodeHS variant.

Must enter in the proper format

- N1 N2 F
- N1 F

Functions aren't case sensitive

Use **ans** to use the previous answer in an equation. And use **ans2** for when you get 2 answers while using factorial (!)

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

Developers:

[SoneyBun](#)

[Skeledan](#)

Links:

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[CodeHS SunCalc](#)

| Function | Sample Input | Sample Output |
|--------------------------|---------------|-----------------------|
| + add plus | 1 2 + | $1.0 + 2.0 = 3.0$ |
| ++ increment | 12 ++ | $12++ = 13$ |
| - subtract minus | 10 8 - | $10.0 - 8.0 = 2.0$ |
| -- decrement | 12 -- | $12-- = 11$ |
| * multiply times mult | 3 3 * | $3.0 * 3.0 = 9.0$ |
| / divide div | 9 2 / | $9.0 / 2.0 = 4.5$ |
| // 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 % | $10.0 \% 2.0 = 4.5$ |
| | -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 | $9^{(1.0/2.0)} = 3.0$ |

| | | |
|-----------|-----------|--------------------------------|
| pi | 3 pi | $3.0\pi = 9.42477796076938$ |
| e | 2 e | $2.0e = 5.43656365691809$ |
| phi | 7 phi | $7.0\phi = 11.326237921249264$ |
| rnd round | 16.23 rnd | 16.23 rounded is 16 |

| | | |
|------------------------|----------|-------------------------------------|
| 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 loge | 21 ln | ln(21.0) = 3.044522437723423 |
| log10 | 4 log10 | log10(4) = 0.6020599913279624 |
| | | |
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