

Python - Common Math Operators

Operation	Result	Example	Output
$x + y$	sum of x and y	<code>print 4 + 6</code>	10
$x - y$	difference of x and y	<code>print 9 - 4</code>	5
$x * y$	product of x and y	<code>print 3 * 3</code>	9
x / y	quotient of x and y	<code>print 7 / 2</code>	3
$x // y$	floored (integer) quotient of x and y	<code>print 4.6 // 2</code>	2.0
$x \% y$	remainder of x / y	<code>print 7 \% 2</code>	1
$-x$	x negated	<code>print -34</code>	-34
$+x$	x unchanged	<code>print +(-22)</code>	-22
<code>abs(x)</code>	absolute value or magnitude of x	<code>print abs(-45)</code>	45
<code>int(x)</code>	x converted to integer	<code>print int(4.6)</code>	4
<code>round(x, y)</code>	x will be rounded to y decimal places	<code>print round(5.78236, 2)</code>	5.78
<code>float(x)</code>	x converted to a float or real	<code>print float(67)</code>	67.0
<code>pow(x, y)</code>	x to the power y	<code>print pow(4,3)</code>	64
$x ** y$	x to the power y	<code>print 2**5</code>	32