Basic Integer Values

Value	Base	Result
0	default	0
-23	default	-23
23	hex	17
23	oct	27

Basic Float Values

Value	Precision	Format	Result
3	default	default	3
3.14	default	default	3.14
-1.23457e-24	default	default	-1.23457×10^{-24}
-1.23457e-24	3	scientific	-1.235×10^{-24}
-1.235e-24	10	scientific + latex_as_text	-1.2345678765×10^{-24}
-1.2345678765e-24	3	scientific + multiply_x	$-1.235\mathrm{x}10^{-24}$
-1.235e-24	10	scientific + latex_as_text + multiply_x	-1.2345678765x10^{-24}
-1.2345678765e-24	3	scientific + multiply_dot	$-1.235 \cdot 10^{-24}$
-1.235e-24	10	scientific + latex_as_text + multiply_dot	-1.2345678765·10^{-24}
0	default	default	0
-0	default	default	-0
inf	default	default	∞
-inf	default	default	$-\infty$
nan	default	default	NaN
0	default	latex_as_text	0
-0	default	latex_as_text	-0
inf	default	latex_as_text	∞
-inf	default	latex_as_text	-∞
nan	default	latex_as_text	NaN

Basic Complex Values

Value	Precision	Format	Result
(3.25,4.67)	default	default	$3.25 + 4.67\mathrm{i}$
(3.14,0)	default	default	3.14
(1.23,-1.234567876e-24)	default	default	$1.23 - 1.234567876 \times 10^{-24}\mathrm{i}$
(1.23,-1.234567876e-24)	3	scientific	$1.230 \times 10^{+00} - 1.235 \times 10^{-24}\mathrm{i}$
(1.230e+00,-1.235e-24)	12	default + slanted_i	$1.23 - 1.2345678765 \times 10^{-24}i$
(1.23,-1.2345678765e-24)	12	default + upright_i	$1.23 - 1.2345678765 \times 10^{-24}\mathrm{i}$
(1.23,-1.2345678765e-24)	12	default + slanted_i + latex_as_text	1.23 - 1.2345678765×10^{-24}i
(1.23,-1.2345678765e-24)	12	default + upright_i + latex_as_text	1.23 - 1.2345678765×10^{-24}i

Complex Special Values

1

Value	Precision	Format	Result
(0,0)	default	default	0
(0,0)	default	show_zero_components	$0 + 0i$
(2.5,0)	default	default	2.5
(2.5,0)	default	show_zero_components	$2.5 + 0i$
(-2.5,0)	default	default	-2.5
(-2.5,0)	default	show_zero_components	$-2.5 + 0i$
(0,2.5)	default	default	2.5i
(0,2.5)	default	show_zero_components	$0 + 2.5i$
(0,-2.5)	default	default	$-2.5i$
(0,-2.5)	default	show_zero_components	$0 - 2.5i$
(inf,2.5)	default	default	$\tilde{\infty}$
(2.5,inf)	default	default	$\tilde{\infty}$
(nan,2.5)	default	default	NaN
(2.5,nan)	default	default	NaN
(nan,inf)	default	default	NaN
(inf,nan)	default	default	NaN

Rational Values

Value	Format	Result
2/3	default	$\frac{2}{3}$
-2/3	default	$-\frac{2}{3}$
0/1	default	0
-23/1	default	-23
-7949582/565	default	$-\frac{7949582}{565}$
-7949582/565	latex_as_text	$^{-7949582}/_{565}$

Polynomial Values

Type	Result
Integer	$2 - 3x + 4x^2 + 5x^3$
Float	$2.4 - 34.25x + 4.2 \times 10^{-06}x^2 - 5.34 \times 10^{-67}x^3$
Complex	$(2.4 + 3.25i) - 34.25x + 4.2 \times 10^{-06}ix^2 - (5.34 \times 10^{-67} - 4.65 \times 10^{-20}i)x^3$
Complex (latex_as_text)	$(2.4 + 3.25i) - 34.25x + 4.2 \times 10^{-06}ix^2 - (5.34 \times 10^{-67} - 4.65 \times 10^{-20}i)x^3$
Complex (multiply_dot)	$(2.4 + 3.25i) - 34.25x + 4.2 \cdot 10^{-06}ix^2 - (5.34 \cdot 10^{-67} - 4.65 \cdot 10^{-20}i)x^3$
Rational	$(\frac{2}{3}) - (\frac{3}{23})x + (\frac{1}{14})x^2 + (\frac{5}{32})x^3$