Syntax Chart for MathPass V.3

Procedure or object	Desired output	What you type
Exponentiation	x^2	x^2
Exponentiation	$x^{2/3}$	x^(2/3)
Square root	$\sqrt{x}$	sqrt(x)
Cube root	$\sqrt[3]{x}$	cbrt(x) OR root(x,3)
Fourth root	$\sqrt[4]{x}$	ftrt(x) OR root(x,4)
Fractions	$\dfrac{1}{x}$	1/x
Rational expression	$\dfrac{(x+3)(x-2)}{x+5}$	(x+3)(x-2)/(x+5)
Rational expression	$\dfrac{(x+3)}{(x+5)(x-2)}$	$(x+3)/\big((x+5)(x-2)\big)$ Note the double parentheses in the denominator. DO NOT use brackets [ ]
Rational expression with exponents	$\dfrac{(x+3)(x-2)}{(x+5)^{2/3}}$	(x+3)(x-2)/(x+5)^(2/3)
Infinity	∞	INF
Undefined	undefined	undefined
Parentheses or brackets for an interval	( ) or ( ] or [ ) or [ ]	Click on the parenthesis that is next to the answer box. It opens to a drop-down box where you can choose between (and [or) and].