

FCNS	Functions (equation)					
g-shift	CONJ	COS	cosh	erf	erfc	e^x
f-shift	artanh	ATAN2	B_n	B_n^*	ceil	COMB
unshifted	$\sqrt[n]{x}$	ARCCOS	arcosh	ARCSIN	ARCTAN	arsinh
Page 1	F1	F2	F3	F4	F5	F6

Prev menu https://47calc.com/doc/R47/Menus/R47v0_Menu_FCNS_page_1.pdf

Next menu https://47calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_2.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	FCNS	MENU (ASM)	Functions (equation)	Catalog of all calculator functions available in Equation Input Mode ; Info : Type characters 1-2 to search	Catalog		FCNSe	
F1	$\sqrt[3]{x}$	Function (monadic)	Cube root	Cube root of X	Mathematics		$\sqrt[3]{x}$	
F2	ARCCOS	Function (monadic)	Arc cosine	Inverse cosine ; Info : Returns the principal value of the inverse cosine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned ; SBI : $\mathbb{C}$; $\mathbb{R}$	Trigonometry	CPXRES	ARCCOS	
F3	arcosh	Function (monadic)	Inverse hyperbolic cosine	Inverse hyperbolic cosine	Mathematics		arcosh	
F4	ARCSIN	Function (monadic)	Arc sine	Inverse sine ; Info : Returns the principal value of the inverse sine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned ; SBI : $\mathbb{C}$; $\mathbb{R}$	Trigonometry	CPXRES	ARCSIN	
F5	ARCTAN	Function (monadic)	Arc tangent	Inverse tangent ; Info : Returns the principal value of the inverse tangent of X ; if flag SPCRES is SET, infinity input is allowed and the range is extended to $[-90^\circ, 90^\circ]$ (inclusive)	Trigonometry	SPCRES	ARCTAN	
F6	arsinh	Function (monadic)	Inverse hyperbolic sine	Inverse hyperbolic sine	Mathematics		arsinh	
fF1	artanh	Function (monadic)	Inverse hyperbolic tangent	Inverse hyperbolic tangent	Mathematics		artanh	
fF2	ATAN2	Function (dyadic)	Expanded inverse tangent	Arc tangent of Y / X	Trigonometry		ATAN2	
fF3	B_n	Function (monadic)	Bernoulli number (new definition)	Bernoulli number (new definition)	Mathematics		B_n	
fF4	B_n^*	Function (monadic)	Bernoulli number (old definition)	Bernoulli number (old definition)	Mathematics		B_n^*	
fF5	ceil	Function (monadic)	Ceiling	Mathematical ceiling of number	Reals		ceil	
fF6	COMB	Function (dyadic)	Combinations	Combinations of X out of Y	Trigonometry		COMB	
gF1	CONJ	Function (monadic)	Complex conjugate	Complex conjugate	Complex numbers		CONJ	
gF2	COS	Function (monadic)	Cosine	Cosine	Trigonometry		COS	
gF3	cosh	Function (monadic)	Hyperbolic cosine	Hyperbolic cosine	Mathematics		cosh	
gF4	erf	Function (monadic)	Error function	Error function	Mathematics		erf	
gF5	erfc	Function (monadic)	Complementary error function	Complementary error function	Mathematics		erfc	
gF6	e^x	Function (monadic)	e to the power x	Raise e to the power in the X-register	Mathematics		e^x	