

EXP	Exponential					
g-shift	$\sinh$	$\cosh$	$\tanh$	arsinh	arcosh	artanh
f-shift	$\sqrt[3]{x}$	$\sqrt[3]{y}$	$\sqrt{x}$	2^x	e^{x-1}	e^x
unshifted	x^3	y^x	$\sqrt{(1+x^2)}$	LB	$\operatorname{LN}(1+x)$	LOG_xy
Page 1	F1	F2	F3	F4	F5	F6

Prev menu https://47calc.com/doc/C47/Menus/C47_Menu_EQN_page_1.pdf

Next menu https://47calc.com/doc/C47/Menus/C47_Menu_Expon_page_1.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	EXP	MENU	Exponential	Exponential functions	Mathematics		EXP	
F1	x^3	Function (monadic)	Cube	Raise to power of 3	Mathematics		x^3	
F2	y^x	Function (dyadic)	y to the power x	Raise value in the Y-register to the power in the X-register	Mathematics		y^x	
F3	$\sqrt{(1+x^2)}$	Function (monadic)	$\sqrt{(1+x^2)}$	Calculate $\sqrt{(1+x^2)}$	Mathematics		$\sqrt{(1+x^2)}$	
F4	LB	Function (monadic)	Binary logarithm	Binary logarithm (base 2)	Mathematics		LB	
F5	$\text{LN}(1+x)$	Function (monadic)	$\text{LN}(1+x)$	More accurate calculation of $\text{LN}(1+x)$ for $x \approx 0$	Mathematics		$\text{LN}(1+x)$	
F6	LOG_xy	Function (dyadic)	LOG_xy	Logarithm of Y for base X	Mathematics		LOG_xy	
fF1	$\sqrt[3]{x}$	Function (monadic)	Cube root	Cube root of X	Mathematics		$\sqrt[3]{x}$	
fF2	$\sqrt[y]{y}$	Function (dyadic)	xth root	Xth root of Y	Mathematics		$\sqrt[y]{y}$	
fF3	$\sqrt{x}$	Function (monadic)	Square root	Square root of X ; Info : When X is a matrix $\sqrt{x}$ calculates its square root (MSQRT)	Mathematics		$\sqrt{x}$	
fF4	2^x	Function (monadic)	2 to the power x	Raise 2 to the power in the X-register	Mathematics		2^x	
fF5	e^{x-1}	Function (monadic)	$e^x - 1$	More accurate calculation of $e^x - 1$ for $x \approx 0$	Mathematics		e^{x-1}	
fF6	e^x	Function (monadic)	e to the power x	Raise e to the power in the X-register	Mathematics		e^x	
gF1	sinh	Function (monadic)	Hyperbolic sine	Hyperbolic sine	Mathematics		sinh	
gF2	cosh	Function (monadic)	Hyperbolic cosine	Hyperbolic cosine	Mathematics		cosh	
gF3	tanh	Function (monadic)	Hyperbolic tangent	Hyperbolic tangent	Mathematics		tanh	
gF4	arsinh	Function (monadic)	Inverse hyperbolic sine	Inverse hyperbolic sine	Mathematics		arsinh	
gF5	arcosh	Function (monadic)	Inverse hyperbolic cosine	Inverse hyperbolic cosine	Mathematics		arcosh	
gF6	artanh	Function (monadic)	Inverse hyperbolic tangent	Inverse hyperbolic tangent	Mathematics		artanh	