

TEST	Testing					
g-shift	ENTRY?	KEY?	LBL?	TOP?	LEAP?	CONVG?
f-shift	$x=-0$?	$x=+0$?	$x\approx$?	PRIME?	$x\leq 0$?	$x\geq +0$?
unshifted	$x<$?	$x\leq$?	$x=$?	$x\neq$?	$x\geq$?	$x>$?
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Prev menu https://47calc.com/doc/C47/Menus/C47_Menu_Temp_page_1.pdf

Next menu https://47calc.com/doc/C47/Menus/C47_Menu_TEST_page_2.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	TEST	MENU	Testing	Testing functions	Programming		TEST	
F1	x< ?	Command (logical)	X less than?	Test X is less than register or variable contents ; TAM : x< ? __ TamCmp menu	Programming		x< ?	
F2	x≤ ?	Command (logical)	X less than or equal to?	Test X is less than or equal to register or variable contents ; TAM : x≤ ? __ TamCmp menu	Programming		x≤ ?	
F3	x= ?	Command (logical)	X equals?	Test X equals register or variable contents ; TAM : x= ? __ TamCmp menu ; SBI : 0	Programming		x= ?	
F4	x≠ ?	Command (logical)	X not equal to?	Test X is not equal to register or variable contents ; TAM : x≠ ? __ TamCmp menu	Programming		x≠ ?	
F5	x≥ ?	Command (logical)	X greater than or equal to?	Test X is greater than or equal to register or variable contents ; TAM : x≥ ? __ TamCmp menu	Programming		x≥ ?	
F6	x> ?	Command (logical)	X greater than?	Test X is greater than register or variable contents ; TAM : x> ? __ TamCmp menu	Programming		x> ?	
fF1	x=-0 ?	Command (logical)	X equals -0?	Test X equals -0 (Real number)	Programming		x=-0 ?	
fF2	x=+0 ?	Command (logical)	X equals +0?	Test X equals +0 (Real number) ; SBI : 0	Programming		x=+0 ?	
fF3	x≈ ?	Command (logical)	X approximates?	Test X approximates register or variable contents (rounded values are equal) ; TAM : x≈ ? __ TamCmp menu	Programming		x≈ ?	
fF4	PRIME?	Command (logical)	Primality test	Test X is a prime number (must be integer) -- see https://en.wikipedia.org/wiki/Miller%E2%80%93Rabin_primality_test ; Info : Miller-Rabin probabilistic primality test is used (25 repetitions) ; PRIME? is correct up to 3 317 044 064 679 887 385 961 980 ; above that limit there are no false negatives, but there is a very low probability of false positives (albeit no known cases)	Programming		PRIME?	
fF5	x≤-0 ?	Command (logical)	X less than or equal to -0?	Test X is less than or equal to -0 (Real number)	Programming		x≤-0 ?	
fF6	x≥+0 ?	Command (logical)	X greater than or equal to +0?	Test X is greater than or equal to +0 (Real number)	Programming		x≥+0 ?	
gF1	ENTRY?	Command (logical)	(Data) entry?	Test internal entry flag for data entry	Programming		ENTRY?	
gF2	KEY?	Command (logical, PEM)	Key pressed?	Test key was pressed : if it is NOT pressed, the next program stap will be executed and if it IS pressed, the next program step will be skipped and the keycode is stored in the register specified ; keycode range is 11-85, where the first digit is row, second digit is column number ; TAM : KEY? __ Tam menu ; Info : KEY? should not to be used in short loops, keeps calculator running on full power ; [R/S] and [EXIT] interrupt a program and KEY? will not work for those keys ; Ref : https://47calc.com/doc/C47/Reference/C47_KeyType.pdf	Programming		KEY?	
gF3	LBL?	Command (logical)	Label exists?	Test label exists ; TAM : LBL? __ TamLabel menu	Programming		LBL?	
gF4	TOP?	Command (logical)	Top?	Test program pointer is in top routine (as opposed to in subroutine)	Programming		TOP?	
gF5	LEAP?	Command (logical)	Leap year?	Test X is a date in a leap year (test function D? must be true) ; Ref : https://47calc.com/doc/C47/Reference/C47_Datatypes.pdf	Programming		LEAP?	
gF6	CONVG?	Command (logical)	Convergence?	Test convergence of X and Y using binary coded parameter for comparison mode and special numbers ; tolerance is derived from setting SDIGS ; TAM : CONVG? _ TamNonReg menu ; Ref : https://47calc.com/doc/C47/Reference/C47_CONVG_param.pdf	Programming		CONVG?	