

CNST	Constants					
g-shift	G_0	G_c	g_e	$GM_\oplus$	$g_\oplus$	h
f-shift	ϱ	e	F	F_α	F_δ	G
unshifted	a_g	$a_{H\alpha\alpha n}$	$a_\oplus$	c	c_1	c_2
Page 1	F1	F2	F3	F4	F5	F6

Prev menu https://47calc.com/doc/R47/Menus/R47v0_Menu_CLR_page_1.pdf

Next menu https://47calc.com/doc/R47/Menus/R47v0_Menu_CNST_page_2.pdf

Ref 1 https://47calc.com/doc/R47/Reference/R47v0_Constants.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	CNST	MENU (ASM)	Constants	Important scientific and technical constants ; Info : In Program Entry Mode, constants selected from the menu are stored in programs as "# ", the reference number, the label and the abbreviated name ; in the equation editor the label is simply preceded by "#" ; Type characters 1-2 to search; TI : <constant abbreviation> = <value> ; Ref : https://47calc.com/doc/R47/Reference/R47v0_Constants.pdf	Catalog		CNST	
F1	a _g	Constant	Days per year (Gregorian)	Constant # 1 a _g yr.gregor = +3.652425 × 10 ² ; Unit : d	Constants			
F2	a _{Moon}	Constant	Moon orbit (semi major axis)	Constant # 3 a _{Moon} orb.moon = +3.844 × 10 ⁸ ; Unit : m	Constants			
F3	a _⊕	Constant	Earth orbit (semi major axis)	Constant # 4 a _⊕ orb.earth = +1.495979 × 10 ¹¹ ; Unit : m	Constants			
F4	c	Constant	Speed of light (vacuum)	Constant # 5 c lightspeed = +2.99792458 × 10 ⁸ ; Unit : m/s	Constants			
F5	c ₁	Constant	1st radiation constant	Constant # 6 c ₁ c.radiatn1 = +3.74177185219275801136715555929985 × 10 ⁻¹⁶ ; Unit : z	Constants			
F6	c ₂	Constant	2nd radiation constant	Constant # 7 c ₂ c.radiatn2 = +1.438776877503933802146671601543912 × 10 ⁻² ; Unit : mK	Constants			
fF1	e	Constant	Euler's	Constant # 9 e e.euler = +2.718281828459045235360287471352662	Constants			
fF2	e	Constant	Elementary charge	Constant # 8 e charge.elem = +1.602176634 × 10 ⁻¹⁹ ; Unit : As	Constants			
fF3	F	Constant	Faraday constant	Constant # 10 F c.faraday = +9.64853321233100184 × 10 ⁴ ; Unit : As/mol	Constants			
fF4	F _α	Constant	Feigenbaum alpha	Constant # 11 F _α α.feigenbm = +2.502907875095892822283902873218216	Constants			
fF5	F _δ	Constant	Feigenbaum delta	Constant # 12 F _δ δ.feigenbm = +4.669201609102990671853203820466202	Constants			
fF6	G	Constant	Newtonian constant of gravitation	Constant # 13 G c.grav.nwt = +6.6743 × 10 ⁻¹¹ ; Unit : m ³ /kg.s ²	Constants			
gF1	G ₀	Constant	Conductance quantum	Constant # 14 G ₀ cond.quant = +7.748091729863650646680823323308764 × 10 ⁻⁵ ; Unit : Ω ⁻¹	Constants			
gF2	G _C	Constant	Catalan's constant	Constant # 15 G _C c.catalan = +9.159655941772190150546035149323841 × 10 ⁻¹	Constants			
gF3	g _e	Constant	Landé's electron g-factor	Constant # 16 g _e gfact.elec = -2.00231930436092	Constants			
gF4	GM _⊕	Constant	Geocentric gravitational constant	Constant # 17 GM _⊕ c.grav.geo = +3.986004418 × 10 ¹⁴ ; Unit : m ³ /s ²	Constants			
gF5	g _⊕	Constant	Standard Earth acceleration	Constant # 18 g _⊕ acc.earth = +9.80665 ; Unit : m/s ²	Constants			
gF6	h	Constant	Planck constant	Constant # 19 h c.planck = +6.62607015 × 10 ⁻³⁴ ; Unit : Js	Constants			