

CNST	Constants					
g-shift	Se^2	Se'^2	Sf^{-1}	T_0	T_P	t_{PL}
f-shift	R_{Moon}	R_∞	$R_\odot$	$R_\oplus$	$S_{a\oplus}$	$S_{b\oplus}$
unshifted	NaN	p_0	R	r_{Bohr}	r_e	R_K
Page 3	F1	F2	F3	F4	F5	F6

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

Next menu https://47calc.com/doc/R47/Menus/R47v0_Menu_CNST_page_4.pdf

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

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p3	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	NaN	Constant	Not a Number	Constant # 37 NaN not.a.nr = Not a number	Constants			
F2	p ₀	Constant	Standard atmospheric pressure	Constant # 38 p ₀ press.atm = +1.01325 × 10 ⁵ ; Unit : Pa	Constants			
F3	R	Constant	Molar gas constant	Constant # 39 R c.mol.gas = +8.31446261815324 ; Unit : J/mol K	Constants			
F4	r _{Bohr}	Constant	Bohr radius	Constant # 2 r _{Bohr} rad.bohr = +5.29177210544 × 10 ⁻¹¹ ; Unit : m	Constants			
F5	r _e	Constant	Classical electron radius	Constant # 40 r _e rad.elec = +2.8179403205 × 10 ⁻¹⁵ ; Unit : m	Constants			
F6	R _K	Constant	Von Klitzing constant	Constant # 41 R _K c.klitzing = +2.581280745930450666004551670608744 × 10 ⁴ ; Unit : Ω	Constants			
fF1	R _{Moon}	Constant	Mean radius of the Moon	Constant # 42 R _{Moon} rad.moon = +1.73753 × 10 ⁶ ; Unit : m	Constants			
fF2	R _∞	Constant	Rydberg constant	Constant # 43 R _∞ c.rydberg = +1.097373156815 × 10 ⁷ ; Unit : /mol	Constants			
fF3	R _⊙	Constant	Mean radius of the Sun	Constant # 44 R _⊙ rad.sun = +6.96 × 10 ⁸ ; Unit : m	Constants			
fF4	R _⊕	Constant	Mean radius of the Earth	Constant # 45 R _⊕ rad.earth = +6.37101 × 10 ⁶ ; Unit : m	Constants			
fF5	S _{a⊕}	Constant	Semi-major axis of the Earth	Constant # 46 S _{a⊕} majax.earth = +6.378137 × 10 ⁶ ; Unit : m	Constants			
fF6	S _{b⊕}	Constant	Semi-minor axis of the Earth	Constant # 47 S _{b⊕} minax.earth = +6.3567523142 × 10 ⁶ ; Unit : m	Constants			
gF1	Se ²	Constant	1st eccentricity squared	Constant # 48 Se ² sq.eccent1 = +6.69437999014 × 10 ⁻³	Constants			
gF2	Se' ²	Constant	2nd eccentricity squared	Constant # 49 Se' ² sq.eccent2 = +6.73949674228 × 10 ⁻³	Constants			
gF3	Sf ⁻¹	Constant	Flattening factor	Constant # 50 Sf ⁻¹ f.flatteng = +2.98257223563 × 10 ²	Constants			
gF4	T ₀	Constant	Standard temperature	Constant # 51 T ₀ temp.stand = +2.7315 × 10 ² ; Unit : K	Constants			
gF5	T _P	Constant	Planck temperature	Constant # 52 T _P temp.planck = +1.416784 × 10 ³² ; Unit : K	Constants			
gF6	t _{PL}	Constant	Planck time	Constant # 53 t _{PL} time.planck = +5.391247 × 10 ⁻⁴⁴ ; Unit : s	Constants			