

CNST	Constants					
g-shift	m_u	$m_u c^2$	m_μ	$M_\odot$	$M_\oplus$	N_A
f-shift	M_{Moon}	m_n	m_n/m_p	m_p	m_{pL}	m_p/m_e
unshifted	$\hbar$	K_0	k_B	K_J	l_{pL}	m_e
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https://47calc.com/doc/C47/Menus/C47_Menu_CNST_page_1.pdf

Next menu

https://47calc.com/doc/C47/Menus/C47_Menu_CNST_page_3.pdf

Ref 1

https://47calc.com/doc/C47/Reference/C47_Constants.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p2	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/C47/Reference/C47_Constants.pdf	Catalog		CNST	
F1	$\hbar$	Constant	Reduced Planck constant	Constant # 20 $\hbar$ red.planck = +1.054571817646156391262428003302281 $\times 10^{-34}$; Unit : Js	Constants			
F2	K_0	Constant	Khinchin constant	Constant # 57 K_0 c.khinchin = +2.685452001065306445309714835481796	Constants			
F3	k_B	Constant	Boltzmann constant	Constant # 21 k_B c.boltzmn = +1.380649 $\times 10^{-23}$; Unit : J/K	Constants			
F4	K_J	Constant	Josephson constant	Constant # 22 K_J c.josephsn = +4.83597848416983632447658280545281 $\times 10^{14}$; Unit : Hz/V	Constants			
F5	l_{PL}	Constant	Planck length	Constant # 23 l_{PL} len.planck = +1.616255 $\times 10^{-35}$; Unit : m	Constants			
F6	m_e	Constant	Electron rest mass	Constant # 24 m_e mass.elec = +9.1093837139 $\times 10^{-31}$; Unit : kg	Constants			
fF1	M_{Moon}	Constant	Mass of the Moon	Constant # 25 M_{Moon} mass.moon = +7.349 $\times 10^{22}$; Unit : kg	Constants			
fF2	m_n	Constant	Neutron rest mass	Constant # 26 m_n mass.neu = +1.67492750056 $\times 10^{-27}$; Unit : kg	Constants			
fF3	m_n/m_p	Constant	Neutron / proton rest mass	Constant # 27 m_n/m_p r.neu.prot = +1.00137841946	Constants			
fF4	m_p	Constant	Proton rest mass	Constant # 28 m_p mass.prot = +1.67262192595 $\times 10^{-27}$; Unit : kg	Constants			
fF5	m_{PL}	Constant	Planck mass	Constant # 29 m_{PL} mass.planck = +2.176434 $\times 10^{-8}$; Unit : kg	Constants			
fF6	m_p/m_e	Constant	Proton / electron rest mass	Constant # 30 m_p/m_e r.prot.elec = +1.83615267342 $\times 10^3$	Constants			
gF1	m_u	Constant	Atomic mass constant	Constant # 31 m_u mass.atom = +1.6605390689 $\times 10^{-27}$; Unit : kg	Constants			
gF2	$m_u c^2$	Constant	Energy equivalent of m_u	Constant # 32 $m_u c^2$ energy.atom = +1.4924180876 $\times 10^{-10}$; Unit : J	Constants			
gF3	m_μ	Constant	Muon rest mass	Constant # 33 m_μ mass.muon = +1.883531627 $\times 10^{-28}$; Unit : kg	Constants			
gF4	$M_\odot$	Constant	Mass of the Sun	Constant # 34 $M_\odot$ mass.sun = +1.9891 $\times 10^{30}$; Unit : kg	Constants			
gF5	$M_\oplus$	Constant	Mass of the Earth	Constant # 35 $M_\oplus$ mass.earth = +5.9736 $\times 10^{24}$; Unit : kg	Constants			
gF6	N_A	Constant	Avogadro's number	Constant # 36 N_A nr.avogadro = +6.02214076 $\times 10^{23}$; Unit : /mol	Constants			