

To at least two significant digits, with units

pi	
e (the base of natural log)	
G (grav. constant)	
proton mass (in g and eV)	
electron mass (in g and eV)	
electron charge	
Thompson cross-section	
k_B (Boltzmann const)	
N_A (Avogadro number)	
sigma (Stefan-Boltzmann const)	
M_Sun	
M_Earth	
M_Jupiter	
g (grav. acceleration on Earth's surface)	
1 AU (astronomical unit)	
1 arcsec	radian/206265
1 parsec	
Hubble const	
Omega_M	
Omega_Lambda	
Planck constant with the bar	
Planck constant without the bar	
c	
1 eV	
1 Rydberg (ionization energy of hydrogen)	
wavelength of Ly alpha (n=2 -> n=1 hydrogen trans.)	
L_Sun	
R_sun	
L_Eddington for 1 M_Sun	
1 year	approx. pi x 10 ⁷ sec
Age of Solar system (yr)	
Age of Universe (yr)	

+ Conversion between the standard CGS and MKS units (e.g., ergs vs Watts) and conversion between CGS and astronomy-specific units (1 Jy, 1 Angstrom, AB magnitudes).