Fundamental constants

Newton's constant:	G	$= 6.6743 \times 10^{-11}\ \mathrm{m^3/kg\,s^2}$
Coulomb's constant:	k	$= 8.9876 \times 10^{9}\ \mathrm{kg\,m^3/C^2\,s^2}$
Speed of sound:	v	$= 340\ \mathrm{m/s}$
Hubble's constant:	H	$= 0.022\ \mathrm{(m/s)/ly}$
Age of Universe:	$1/H$	$= 1.4 \times 10^{10}\ \mathrm{yr}$
Planck's constant:	h	$= 6.626 \times 10^{-34}\ \mathrm{J\,s}$
Speed of light:	c	$= 2.9979 \times 10^{8}\ \mathrm{m/s}$
Mass of the electron:	m_e	$= 9.1094 \times 10^{-31}\ \mathrm{kg}$
Mass of the proton:	m_p	$= 1.6726 \times 10^{-27}\ \mathrm{kg} = 1.0073\ \mathrm{u}$
Mass of the neutron:	m_n	$= 1.6749 \times 10^{-27}\ \mathrm{kg} = 1.0087\ \mathrm{u}$
Charge of the proton:	e	$= 1.6022 \times 10^{-19}\ \mathrm{C}$
Charge of the electron:	$-e$	$= -1.6022 \times 10^{-19}\ \mathrm{C}$
Fine structure constant:	α	$= 2\pi ke^2/hc = 1/137.036$
Bohr radius:	a	$= h^2/4\pi^2 m_e e^2 = 5.2918 \times 10^{-11}\ \mathrm{m}$

Conversion factors

1 in	$= 2.54\ \mathrm{cm}$
1 ly	$= 9.4605 \times 10^{15}\ \mathrm{m}$
1 pc	$= 3.0857 \times 10^{16}\ \mathrm{m}$
1 yr	$= 3.156 \times 10^{7}\ \mathrm{s}$
1 u	$= 1.6605 \times 10^{-27}\ \mathrm{kg}$
1 MeV/c^2	$= 1.7827 \times 10^{-30}\ \mathrm{kg}$
1 eV	$= 1.602 \times 10^{-19}\ \mathrm{J}$
1 kwh	$= 3.600 \times 10^{6}\ \mathrm{J}$