Data

speed of light in free space	$c = 3.00 \times 10^8 \, \text{m s}^{-1}$
permeability of free space	$\mu_0 = 4\pi \times 10^{-7} \, \text{H m}^{-1}$
permittivity of free space	$\varepsilon_0 = 8.85 \times 10^{-12} \, \text{F m}^{-1}$
	$(\dfrac{1}{4\pi\varepsilon_0} = 8.99 \times 10^9 \, \text{m F}^{-1})$
elementary charge	$e = 1.60 \times 10^{-19} \, \text{C}$
the Planck constant	$h = 6.63 \times 10^{-34} \, \text{J s}$
unified atomic mass unit	$1 \, \text{u} = 1.66 \times 10^{-27} \, \text{kg}$
rest mass of electron	$m_\text{e} = 9.11 \times 10^{-31} \, \text{kg}$
rest mass of proton	$m_\text{p} = 1.67 \times 10^{-27} \, \text{kg}$
molar gas constant	$R = 8.31 \, \text{J K}^{-1} \, \text{mol}^{-1}$
the Avogadro constant	$N_\text{A} = 6.02 \times 10^{23} \, \text{mol}^{-1}$
the Boltzmann constant	$k = 1.38 \times 10^{-23} \, \text{J K}^{-1}$
gravitational constant	$G = 6.67 \times 10^{-11} \, \text{N m}^2 \, \text{kg}^{-2}$
acceleration of free fall	$g = 9.81 \, \text{m s}^{-2}$