





































`he electron and	proton are identical in the ma	gnitude of their charge, but very	
fferent in mass.	proton are identical in the ma	gintado of their charge, sut very	
The proton and t	the neutron are similar in mass	, but very different in charge.	
D (1)	Charge (C)	Mass (kg)	
Particle		2	
ParticleElectron (e)	$-1.6021765 \times 10^{-1}$	$9.1094 \times 10^{-3}$	
ParticleElectron (e)Proton (p)	$-1.6021765 \times 10^{-1}$ +1.6021765 × 10^{-1}	$9.1094 \times 10^{-3}$ $1.67262 \times 10^{-2}$	
ParticleElectron (e)Proton (p)Neutron (n)	$-1.6021765 \times 10^{-1} \\+1.6021765 \times 10^{-1} \\0$	$9.1094 \times 10^{-3}$ $1.67262 \times 10^{-2}$ $1.67493 \times 10^{-27}$	











































































Power	Prefix	Abbreviation	Power	Prefix	Abbreviation
$10^{-24}$	yocto	у	10 <sup>3</sup>	kilo	k
$10^{-21}$	zepto	Z	106	mega	Μ
$10^{-18}$	atto	a	109	giga	G
$10^{-15}$	femto	f	1012	tera	Т
$10^{-12}$	pico	р	10 <sup>15</sup>	peta	Р
$10^{-9}$	nano	n	10 <sup>18</sup>	exa	E
$10^{-6}$	micro	$\mu$	10 <sup>21</sup>	zetta	Z
$10^{-3}$	milli	m	1024	yotta	Y
$10^{-2}$	centi	с			
$10^{-1}$	deci	d			