



Symbol	Quantity	Unit	Category
2π	2π radians = 360 degrees	deg or rad	 <i>Waves</i>
c	wavespeed	ms^{-1}	
E	energy	J	
f	frequency	Hz	
h	Planck's constant (6.63×10^{-34})	Js	
p	momentum	kg ms^{-1} or Ns	
r	radius	m	
t	time	s	
v	velocity	ms^{-1}	
α	centripetal acceleration	ms^{-2}	
λ	de Broglie wavelength ($\lambda=h/p$)	m	 <i>Electricity</i>
λ	wavelength	m	
ω	angular velocity	rad s^{-1}	
I	current	A	
P	power	W	
Q	charge	C	 <i>Iconic</i>
R	resistance	Ω	
t	time	s	
V (blue)	voltage	V	
a	acceleration	ms^{-2}	
c	speed of light	ms^{-1}	 <i>Trigonometry</i>
E	energy	J	
F	force	N	
m	mass	kg	
A (yellow)	adjacent	m	
C	$\cos \theta$	deg or rad	 <i>Mechanics</i>
H	hypotenuse	m	
O	opposite	m	
S	$\sin \theta$	deg or rad	
T	$\tan \theta$	deg or rad	
$ v $	speed (magnitude of velocity)	ms^{-1}	 <i>Mechanics</i>
a	acceleration	ms^{-2}	
A (red)	area	m^2	
d	distance	m	
F	force	N	
p	momentum	kg ms^{-1} or Ns	
P	power	W	
t	time	s	
v	velocity	ms^{-1}	
V (red)	volume	m^3	
W	work	J	
Γ	torque (moment)	Nm	
ρ	density	kg m^{-3}	
σ	tensile stress (pressure)	Pa	