



Speed

studyclix.ie  
makes exams easier

$\text{ms}^{-1}$

(metres per second)

Velocity

studyclix.ie  
makes exams easier

$\text{ms}^{-1}$

(metres per second)

+ direction

Distance

studyclix.ie  
makes exams easier

m

(metres)

Displacement

studyclix.ie  
makes exams easier

m

(metres)

+ direction





Acceleration

studyclix.ie  
makes exams easier

$$\text{ms}^{-2}$$

(metres per second squared)

Momentum

studyclix.ie  
makes exams easier

$$\text{kg ms}^{-1}$$

(kilograms metres per second)

Force

studyclix.ie  
makes exams easier

N

(Newtons)

Weight

studyclix.ie  
makes exams easier

N

(Newtons)





Friction

studyclix.ie  
makes exams easier

N  
(Newtons)

Work

studyclix.ie  
makes exams easier

J  
(Joules)

Energy

studyclix.ie  
makes exams easier

J  
(Joules)

Kinetic  
Energy

studyclix.ie  
makes exams easier

J  
(Joules)





Potential  
Energy

studyclix.ie  
makes exams easier

J  
(Joules)

Power

studyclix.ie  
makes exams easier

W  
(Watt)

Density

studyclix.ie  
makes exams easier

$\text{kg m}^{-3}$   
(kilograms per  
metre cubed)

Pressure

studyclix.ie  
makes exams easier

$\text{Nm}^{-2}$  (Newtons per  
metre squared)

*or*

Pa (Pascals)





Volume

studyclix.ie  
makes exams easier

$m^{-3}$   
(metres cubed)

Angular  
Velocity

studyclix.ie  
makes exams easier

$rad\ s^{-1}$   
(radians per second)

Linear  
Velocity

studyclix.ie  
makes exams easier

$ms^{-1}$   
(metres per second)

Centripetal  
Acceleration

studyclix.ie  
makes exams easier

$ms^{-2}$   
(metres per  
second squared)





Centripetal  
Force

studyclix.ie  
makes exams easier

N  
(Newtons)

Universal Gravitation  
Constant “G”

studyclix.ie  
makes exams easier

$\text{Nm}^2\text{kg}^{-2}$   
(Newton metres squared  
per kilogram squared)

Radius

studyclix.ie  
makes exams easier

m  
(metres)

Diameter

studyclix.ie  
makes exams easier

m  
(metres)





Acceleration  
due to Gravity

studyclix.ie  
makes exams easier

$\text{ms}^{-2}$   
(metres per  
second squared)

Periodic  
Time

studyclix.ie  
makes exams easier

s  
(seconds)

Mass

studyclix.ie  
makes exams easier

kg  
(kilograms)

Spring Constant  
“k”

studyclix.ie  
makes exams easier

$\text{Nm}^{-1}$   
(Newtons per metre)





Temperature

studyclix.ie  
makes exams easier

K  
(Kelvin)

Heat Energy

studyclix.ie  
makes exams easier

J  
(Joules)

Specific Heat  
Capacity

studyclix.ie  
makes exams easier

$J \text{ kg}^{-1} \text{ K}^{-1}$   
(Joules per kilogram per Kelvin)

Time

studyclix.ie  
makes exams easier

S  
(seconds)







Specific Latent  
Heat of Fusion

studyclix.ie  
makes exams easier

$$\text{J kg}^{-1}$$

(joules per kilogram)

Specific Latent Heat  
of Vaporisation

studyclix.ie  
makes exams easier

$$\text{J kg}^{-1}$$

(joules per kilogram)

Angle of  
Incidence

studyclix.ie  
makes exams easier

o

(Degrees from normal)

Angle of  
Reflection/Refraction

studyclix.ie  
makes exams easier

o

(Degrees from normal)





Object  
Distance “u”

[studyclix.ie](http://studyclix.ie)  
makes exams easier

m  
(metres)

Image  
Distance “v”

[studyclix.ie](http://studyclix.ie)  
makes exams easier

m  
(metres)

Focal  
Length “f”

[studyclix.ie](http://studyclix.ie)  
makes exams easier

m  
(metres)

Magnification

[studyclix.ie](http://studyclix.ie)  
makes exams easier

No units!





Refractive  
Index

studyclix.ie  
makes exams easier

No units!

Speed of light  
“c”

studyclix.ie  
makes exams easier

$\text{ms}^{-1}$   
(metres per second)

Wavelength

studyclix.ie  
makes exams easier

m  
(metres)

Amplitude

studyclix.ie  
makes exams easier

m  
(metres)





Frequency

studyclix.ie  
makes exams easier

Hz  
(Hertz)

Tension

studyclix.ie  
makes exams easier

N  
(Newtons)

Mass per Unit  
Length “ $\mu$ ”

studyclix.ie  
makes exams easier

$\text{kg m}^{-1}$   
(kilograms per metre)

Sound  
Intensity

studyclix.ie  
makes exams easier

$\text{Wm}^{-2}$   
(Watts per metre squared)





Sound  
Intensity Level

[studyclix.ie](http://studyclix.ie)  
makes exams easier

dB  
(decibels)

Charge

[studyclix.ie](http://studyclix.ie)  
makes exams easier

C  
(Coulomb)

Electric Field  
Strength

[studyclix.ie](http://studyclix.ie)  
makes exams easier

$\text{NC}^{-1}$   
(Newtons per Coulomb)

Potential  
Difference

[studyclix.ie](http://studyclix.ie)  
makes exams easier

V  
(volt)





Capacitance

studyclix.ie  
makes exams easier

F  
(Farad)

Permittivity “ $\epsilon$ ”

studyclix.ie  
makes exams easier

$F m^{-1}$   
(Farads per metre)

Current

studyclix.ie  
makes exams easier

A  
(Ampere)

Resistance

studyclix.ie  
makes exams easier

$\Omega$   
(Ohms)





Resistivity “ $\rho$ ”

studyclix.ie  
makes exams easier

$\Omega\text{m}$   
(Ohm metre)

Magnetic  
Flux Density

studyclix.ie  
makes exams easier

T  
(Tesla)

Magnetic  
Flux “ $\phi$ ”

studyclix.ie  
makes exams easier

Wb  
(Weber)

Planck’s  
Constant “h”

studyclix.ie  
makes exams easier

$\text{J s}^{-1}$   
(Joules per second)





Activity

studyclix.ie  
makes exams easier

Bq  
(Becquerel)

Decay  
Constant “ $\lambda$ ”

studyclix.ie  
makes exams easier

$s^{-1}$   
(per second)

Half Life “ $T^{1/2}$ ”

studyclix.ie  
makes exams easier

S  
(seconds)

Power of a  
Lens

studyclix.ie  
makes exams easier

$m^{-1}$   
(Diopetre)

