



What are the units  
for kinetic energy?

$(E_k)$

Q-1

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What are the units  
for mass?

$(m)$

Q-2

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What are the units  
for speed?

$(v)$

Q-3

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What are the units  
for elastic potential  
energy?

$(E_e)$

Q-4

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What are the units  
for spring constant?

$(k)$

Q-5

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What are the units  
for extension?

$(e)$

Q-6

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kg  
(kilograms)

A-2

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J  
(joules)

A-1

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J  
(joules)

A-4

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m/s  
(meters per second)

A-3

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m  
(meters)

A-6

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N/m  
(newtons per meter)

A-5

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What are the units  
for gravitational  
potential energy? ( $E_p$ )

Q-7

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What are the units  
for gravitational  
field strength? ( $g$ )

Q-8

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What are the units  
for height?  
( $h$ )

Q-9

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What are the units for  
change in thermal  
energy? ( $\Delta E$ )

Q-10

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What are the units  
for specific heat  
capacity? ( $c$ )

Q-11

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What are the units  
for temperature  
change? ( $\Delta\theta$ )

Q-12

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9.8 N/kg  
(newtons per  
kilogram)

A-8

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J  
(joules)

A-7

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J  
(joules)

A-10

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m  
(meters)

A-9

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°C  
(degree Celsius)

A-12

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J/kg °C  
(joules per kilogram  
degree Celsius)

A-11

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What are the units  
for power?

(P)

Q-13

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What are the units  
for energy  
transferred? (E)

Q-14

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What are the units  
for time?

(t)

Q-15

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What are the units  
for work done?

(W)

Q-16

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What are the units  
for charge?

(Q)

Q-17

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What are the units  
for current?

(I)

Q-18

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J  
(joules)

A-14

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W  
(watts)

A-13

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J  
(joules)

A-16

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S  
(seconds)

A-15

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A  
(Amps or amperes)

A-18

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C  
(coulombs)

A-17

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What are the units  
for potential  
difference? (V)

Q-19

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What are the units  
for resistance?  
(R)

Q-20

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What are the units  
for density?  
( $\rho$ )

Q-21

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What are the units  
for volume?  
(V)

Q-22

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What are the units  
for specific latent  
heat? (L)

Q-23

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What are the units  
for weight?  
(W)

Q-24

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$\Omega$   
(ohms)

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A-20



V  
(volts or voltage)

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A-19



$m^3$   
(meters cubed)

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A-22



$Kg/m^3$   
(kilograms per  
meters cubed)

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A-21



N  
(newtons)

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A-24



J/kg  
(joules per kilogram)

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A-23





What are the units  
for force?

(F)

Q-1

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What are the units  
for distance?

(s or d)

Q-2

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What are the units  
for acceleration?

(a)

Q-3

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What are the units  
for change in  
velocity? ( $\Delta v$ )

Q-4

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What are the units  
for final velocity?

(v)

Q-5

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What are the units  
for initial velocity?

(u)

Q-6

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m  
(meters)

A-2

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N  
(newtons)

A-1

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m/s  
(meters per second)

A-4

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m/s<sup>2</sup>  
(meters per second squared)

A-3

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m/s  
(meters per second)

A-6

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m/s  
(meters per second)

A-5

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What are the units  
for momentum?

(p)

Q-7

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What are the units  
for period?

(T)

Q-8

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What are the units  
for frequency?

(f)

Q-9

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What are the units  
for length?

(l)

Q-10

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What are the units  
for wavelength?

( $\lambda$ )

Q-11

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What are the units  
for magnetic flux  
density? (B)

Q-12

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s  
(seconds)

A-8

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kg m/s  
(kilogram meters per  
second)

A-7

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m  
(meters)

A-10

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Hz  
(hertz)

A-9

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T  
(tesla)

A-12

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m  
(meters)

A-11

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What are the units  
for pressure?

(p)

Q-7

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What are the units  
for moment?

(M)

Q-8

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What are the units  
for area?

Q-9

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What are the units for  
potential difference  
across the primary coil?

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What are the units for  
potential difference across  
the secondary coil?

Q-11

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What are the units  
for current in the  
secondary coil?

Q-12

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Nm  
(Newton-meters)

A-8

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Pa  
(Pascals)

A-7

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V  
(volts or voltage)

A-10

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m<sup>2</sup>  
(Meters squared)

A-9

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A  
(amps or amperes)

A-12

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V  
(volts or voltage)

A-1

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Primrose Kitten – YouTube Tutorials for Science and Maths

Q-7



Primrose Kitten – YouTube Tutorials for Science and Maths

Q-8



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Q-9



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Q-10



What are the units for current in the primary coil?

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Q-11



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Q-12



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A-8



Primrose Kitten – YouTube Tutorials for Science and Maths

A-7



Primrose Kitten – YouTube Tutorials for Science and Maths

A-10



Primrose Kitten – YouTube Tutorials for Science and Maths

A-9



Primrose Kitten – YouTube Tutorials for Science and Maths

A-12



A  
(amps or amperes)

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A-11



