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Weights And Measures - REA's Quick Access Reference Chart (Quick Access Reference Charts)

FAST FACTS REVIEW		Quick Access		WEIGHTS & MEASURES	
SYSTEMS INTERNATIONALLY UNITS (SI) - Base units					
Quantity	Name	Symbol	Abbreviation	Symbol	Abbreviation
Length	metre	m	metre	m	metre
Mass	kilogram	kg	kilogram	kg	kilogram
Time	second	s	second	s	second
Temperature	Kelvin	K	Kelvin	K	Kelvin
Electric current	ampere	A	ampere	A	ampere
Luminous intensity	candela	cd	candela	cd	candela
Amount of substance	mole	mol	mole	mol	mole
Force	newton	N	newton	N	newton
Energy	joule	J	joule	J	joule
Power	watt	W	watt	W	watt
Pressure	pascal	Pa	pascal	Pa	pascal
Area	square metre	m ²	square metre	m ²	square metre
Volume	cubic metre	m ³	cubic metre	m ³	cubic metre
Speed	metre per second	m/s	metre per second	m/s	metre per second
Acceleration	metre per second squared	m/s ²	metre per second squared	m/s ²	metre per second squared
Frequency	hertz	Hz	hertz	Hz	hertz
Angular displacement	radian	rad	radian	rad	radian
Angular velocity	radian per second	rad/s	radian per second	rad/s	radian per second
Angular acceleration	radian per second squared	rad/s ²	radian per second squared	rad/s ²	radian per second squared
SI Prefixes					
Prefix	Symbol	Factor	Prefix	Symbol	Factor
deca	d	10 ¹	deca	d	10 ¹
hecto	h	10 ²	hecto	h	10 ²
kilo	k	10 ³	kilo	k	10 ³
mega	M	10 ⁶	mega	M	10 ⁶
giga	G	10 ⁹	giga	G	10 ⁹
tera	T	10 ¹²	tera	T	10 ¹²
peta	P	10 ¹⁵	peta	P	10 ¹⁵
exa	E	10 ¹⁸	exa	E	10 ¹⁸
zetta	Z	10 ²¹	zetta	Z	10 ²¹
yotta	Y	10 ²⁴	yotta	Y	10 ²⁴
SI Units					
Unit	Symbol	Factor	Unit	Symbol	Factor
milli	m	10 ⁻³	milli	m	10 ⁻³
micro	μ	10 ⁻⁶	micro	μ	10 ⁻⁶
nano	n	10 ⁻⁹	nano	n	10 ⁻⁹
pico	p	10 ⁻¹²	pico	p	10 ⁻¹²
femto	f	10 ⁻¹⁵	femto	f	10 ⁻¹⁵
atto	a	10 ⁻¹⁸	atto	a	10 ⁻¹⁸
zepto	z	10 ⁻²¹	zepto	z	10 ⁻²¹
yocto	y	10 ⁻²⁴	yocto	y	10 ⁻²⁴
SI Derived Units					
Unit	Symbol	Factor	Unit	Symbol	Factor
square millimetre	mm ²	10 ⁻⁶	square millimetre	mm ²	10 ⁻⁶
square centimetre	cm ²	10 ⁻⁴	square centimetre	cm ²	10 ⁻⁴
square decimetre	dm ²	10 ⁻²	square decimetre	dm ²	10 ⁻²
square metre	m ²	1	square metre	m ²	1
square kilometre	km ²	10 ⁶	square kilometre	km ²	10 ⁶
square hectometre	hm ²	10 ⁴	square hectometre	hm ²	10 ⁴
square decametre	dam ²	10 ²	square decametre	dam ²	10 ²
cubic millimetre	mm ³	10 ⁻⁹	cubic millimetre	mm ³	10 ⁻⁹
cubic centimetre	cm ³	10 ⁻⁶	cubic centimetre	cm ³	10 ⁻⁶
cubic decimetre	dm ³	10 ⁻³	cubic decimetre	dm ³	10 ⁻³
cubic metre	m ³	1	cubic metre	m ³	1
cubic kilometre	km ³	10 ⁹	cubic kilometre	km ³	10 ⁹
cubic hectometre	hm ³	10 ⁶	cubic hectometre	hm ³	10 ⁶
cubic decametre	dam ³	10 ³	cubic decametre	dam ³	10 ³
SI Derived Units (continued)					
Unit	Symbol	Factor	Unit	Symbol	Factor
square millimetre	mm ²	10 ⁻⁶	square millimetre	mm ²	10 ⁻⁶
square centimetre	cm ²	10 ⁻⁴	square centimetre	cm ²	10 ⁻⁴
square decimetre	dm ²	10 ⁻²	square decimetre	dm ²	10 ⁻²
square metre	m ²	1	square metre	m ²	1
square kilometre	km ²	10 ⁶	square kilometre	km ²	10 ⁶
square hectometre	hm ²	10 ⁴	square hectometre	hm ²	10 ⁴
square decametre	dam ²	10 ²	square decametre	dam ²	10 ²
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cubic kilometre	km ³	10 ⁹	cubic kilometre	km ³	10 ⁹
cubic hectometre	hm ³	10 ⁶	cubic hectometre	hm ³	10 ⁶
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square centimetre	cm ²	10 ⁻⁴			

Synopsis

Fast Facts at Your Fingertips! REA's Quick Access Study Charts contain all the information students, teachers, and professionals need in one handy reference. They provide quick, easy access to important facts. The charts contain commonly used mathematical formulas, historical facts, language conjugations, vocabulary and more! Great for exams, classroom reference, or a quick refresher on the subject. Most laminated charts consist of 2 fold-out panels (4 pages) that fit into any briefcase or backpack. Each chart has a 3-hole punch for easy placement in a binder. Each chart measures 8 1/2" x 11"

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