Ou una la cal	SI* (MODERN METRIC) CONVERSION FACTORS APPROXIMATE CONVERSIONS TO SI UNITS			
Symbol	When You Know	Multiply By To Find	Symbol	
		LENGTH		
in	inches	25.4 millimeters	mm	
ft	feet	0.305 meters	m	
yd	yards	0.914 meters	m	
mi	miles	1.61 kilometers	km	
		AREA		
in ²	square inches	645.2 square millimeters	mm ²	
ft ²	square feet	0.093 square meters	m²	
yd ²	square yard	0.836 square meters	m²	
ac	acres	0.405 hectares	ha	
mi ²	square miles	2.59 square kilometers	km ²	
		VOLUME		
fl oz	fluid ounces	29.57 milliliters	mL	
gal	gallons	3.785 liters	L	
ft ³	cubic feet	0.028 cubic meters	m ³	
yd³	cubic yards	0.765 cubic meters	m ³	
	NOTE: V	volumes greater than 1000 L shall be shown in m ³		
		MASS		
oz	ounces	28.35 grams	g	
lb T	pounds	0.454 kilograms	kg	
Т	short tons (2000 lb)	0.907 megagrams (or "metric ton")	Mg (or "t")	
a		EMPERATURE (exact degrees)	0.5	
°F	Fahrenheit	5 (F-32)/9 Celsius	°C	
		or (F-32)/1.8		
		ILLUMINATION		
fc	foot-candles	10.76 lux	lx	
fl	foot-Lamberts	3.426 candela/m ²	cd/m ²	
	FC	RCE and PRESSURE or STRESS		
lbf	poundforce	4.45 newtons	N	
lbf/in ²	poundforce per square inch	6.89 kilopascals	kPa	
	APPROXI	MATE CONVERSIONS FROM SI UNITS		
Symbol	When You Know	Multiply By To Find	Symbol	
		LENGTH	,	
mm	millimeters	0.039 inches	in	
m	meters	3.28 feet	ft	
		1.09 yards	11	
m	meters		vd	
m km	meters kilometers	,	yd mi	
m km	kilometers	0.621 miles	yd mi	
km	kilometers	0.621 miles AREA	mi	
km mm²	kilometers square millimeters	0.621 miles AREA 0.0016 square inches	mi in ²	
km mm ² m ²	kilometers square millimeters square meters	0.621 miles AREA 0.0016 square inches 10.764 square feet	mi in ² ft ²	
km mm ² m ² ha	kilometers square millimeters	0.621 miles AREA 0.0016 square inches	in ² ft ² yd ² ac	
km mm ² m ²	kilometers square millimeters square meters square meters	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 square yards	in ² ft ² yd ²	
km mm ² m ² ha	kilometers square millimeters square meters square meters hectares	0.621milesAREA.0.0016square inches10.764square feet1.195square yards2.47acres0.386square miles	in ² ft ² yd ² ac	
km mm ² m ² ha	kilometers square millimeters square meters square meters hectares	0.621milesAREA.0.0016square inches10.764square feet1.195square yards2.47acres	in ² ft ² yd ² ac	
km m ² m ² ha km ² L	kilometers square millimeters square meters square meters hectares square kilometers	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 square yards 2.47 acres 0.386 square miles VOLUME	mi in ² ft ² yd ² ac mi ² fl oz gal	
km mm ² m ² ha km ² mL L m ³	kilometers square millimeters square meters square meters hectares square kilometers milliliters	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 square yards 2.47 acres 0.386 square miles VOLUME 0.034 fluid ounces	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³	
km m ² m ² ha km ² L	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 square yards 2.47 acres 0.86 square miles VOLUME 0.034 fluid ounces 0.264 gallons	mi in ² ft ² yd ² ac mi ² fl oz gal	
km mm ² m ² ha km ² mL L m ³	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters	0.621 miles AREA	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³	
km m ² m ² ha km ² mL L m ³ m ³	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters	0.621milesAREA	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³	
km mm ² m ² ha km ² mL L m ³	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters cubic meters	0.621milesAREA	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³ yd ³	
km mm ² m ² ha km ² mL L m ³ m ³ m ³	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters cubic meters grams	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 1.195 square yards 2.47 2.47 acres 0.386 0.386 square miles VOLUME 0.034 fluid ounces 0.264 gallons 35.314 35.314 cubic feet 1.307 0.035 ounces 2.202	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³ yd ³ oz	
km mm ² m ² ha km ² mL L m ³ m ³ m ³ g	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters grams kilograms megagrams (or "metric ton"	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 1.195 square yards 2.47 2.47 acres 0.386 0.386 square miles VOLUME 0.034 fluid ounces 0.264 gallons 35.314 .307 cubic feet 1.307 .0.35 ounces 2.202 .0.035 ounces 2.202 .1.03 short tons (2000 lb)	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb	
km mm ² m ² ha km ² mL L m ³ m ³ m ³ g	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters grams kilograms megagrams (or "metric ton"	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 1.195 square yards 2.47 2.47 acres 0.386 0.386 square miles VOLUME 0.034 fluid ounces 0.264 gallons 35.314 35.314 cubic feet 1.307 0.035 ounces 2.202	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb	
km mm ² m ² ha km ² mL L m ³ m ³ m ³ g kg Mg (or "t")	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton"	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 1.195 square yards 2.47 2.47 acres 0.386 0.386 square miles VOLUME 0.034 fluid ounces 0.264 gallons 35.314 35.314 cubic feet 1.307 1.307 cubic yards 0.035 0.035 ounces 2.202 1.103 short tons (2000 lb)	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb T	
km mm ² m ² ha km ² mL L m ³ m ³ m ³ g kg Mg (or "t")	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton" Celsius	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 1.195 square yards 2.47 2.47 acres 0.386 0.386 square miles VOLUME 0.034 fluid ounces 0.264 gallons 35.314 35.314 cubic feet 1.307 1.307 cubic yards 0.035 0.035 ounces 2.202 1.103 short tons (2000 lb) TEMPERATURE (exact degrees) 1.8C+32 1.8C+32 Fahrenheit	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb T	
km mm ² m ² ha km ² mL L m ³ m ³ g kg Mg (or "t") °C	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton" Celsius lux	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 square yards 2.47 acres 0.386 square miles VOLUME 0.034 fluid ounces 0.264 gallons 35.314 cubic feet 1.307 cubic yards MASS 0.035 0.035 ounces 2.202 pounds 1.103 short tons (2000 lb) FEMPERATURE (exact degrees) 1.8C+32 Fahrenheit ILLUMINATION 0.0929 0.0929 foot-candles	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb T °F fc	
km mm ² m ² ha km ² mL L m ³ m ³ m ³ g kg Mg (or "t")	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton" Celsius lux candela/m ²	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 square yards 2.47 acres 0.386 square miles VOLUME 0.034 0.264 gallons 35.314 cubic feet 1.307 cubic yards MASS 0.035 0.035 ounces 2.202 pounds 1.103 short tons (2000 lb)	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb T	
km mm ² m ² ha km ² mL L m ³ m ³ m ³ c ^o C	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton" Celsius lux candela/m ² FC	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 square yards 2.47 acres 0.386 square miles VOLUME 0.034 0.034 fluid ounces 0.264 gallons 35.314 cubic feet 1.307 cubic yards MASS 0.035 0.035 ounces 2.202 pounds 1.103 short tons (2000 lb) TEMPERATURE (exact degrees) 1.8C+32 1.8C+32 Fahrenheit ILLUMINATION 0.0929 0.2919 foot-candles 0.2919 foot-Lamberts	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb T oF fc fl	
km mm ² m ² ha km ² mL L m ³ m ³ g kg Mg (or "t") °C	kilometers square millimeters square meters square meters hectares square kilometers milliliters liters cubic meters cubic meters grams kilograms megagrams (or "metric ton" Celsius lux candela/m ²	0.621 miles AREA 0.0016 square inches 10.764 square feet 1.195 square yards 2.47 acres 0.386 square miles VOLUME 0.034 0.264 gallons 35.314 cubic feet 1.307 cubic yards MASS 0.035 0.035 ounces 2.202 pounds 1.103 short tons (2000 lb)	mi in ² ft ² yd ² ac mi ² fl oz gal ft ³ yd ³ oz lb T °F fc	

*SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380. (Revised March 2003)