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Appendix 5 Units Conversion

Adapted from <http://www.easytrade.com/english/Help/Measure.htm>

Weight conversion

The metric system		Anglo-American system avoirdupois		Anglo-American system troy weight		Chinese municipality
kg	g	pound	ounce	pound	ounce	tael
1	1,000	2.2046	35.2736	2.679	31.1507	20
0.001	1	0.0022	0.03527	0.00268	0.0321	0.02
0.4536	453.59	1	16	1.2135	14.5833	9.072
0.02835	28.35	0.0625	1	0.07595	0.9114	0.567
0.3732	373.24	0.82286	13.1657	1	12	7.465
0.0311	31.10	0.06857	1.0971	0.08333	1	0.622
0.05	50	0.1102	1.76368	0.13396	1.6075	1

Volume conversion

The metric system	Chinese municipality	British measurement	Columbian measurement
L	L	British gallon	Columbian gallon
1	1	0.22	0.264
4.546	4.546	1	1.201
3.785	3.785	0.833	1

Volume conversion (2)

The metric system		Anglo-American system avoirdupois			Chinese municipality
stere	cu. cm.	cubic yard	cubic foot	cubic inch	cubic foot
1	1,000,000	1.303	35.3147	61,024	27
0.000001	1	0.0000013	0.00004	0.06102	0.000027
0.7636	764,555	1	27	46,656	20.643
0.02832	28,317	0.037	1	1,728	0.7646
0.000016	16,317	0.00002	0.00058	1	0.00044
0.037	37,037	0.0484	1.308	2,260	1

Oil Supplies weight and volume conversion

Country	1 metric ton			
	Kilolitre	Columbian measurement	British measurement gal barrel	Columbian measurement gal
America and Indonesia	1.18	7.4	259.1	310.6
Iran and Saudi Arabia	1.19	7.49	261.8	314.5
Japan	1.11	6.99	244.5	293.3
Britain and Kuwait	1.16	7.31	255.8	306.7
Venezuela	1.09	6.84	239.2	287.4

5.1 Metric Units Conversion

Acreage conversion

The metric system		Anglo-American system			
centiare	square cm	square yard	square foot	square inch	square ruler
1	10,000	1.1960	10.7639	1,550	9
0.0001	1	0.00012	0.00108	0.155	0.0009
0.8361	8,361	1	9	1,296	7.525
0.0929	929	0.1111	1	144	0.836
0.00065	6.45	0.00077	0.00694	1	0.0058
0.111	1,111	0.133	1.196	172.2	1

Extent conversion

The metric system		Chinese municipally	Anglo-American system		
metre	cm	ruler	yard	feet	inch
1	100	3	1.094	3.2808	39.37
0.01	1	0.03	0.01094	0.03281	0.3937
0.3333	33.33	1	0.3646	1.094	13.123
0.9144	91.44	2.743	1	3	36
0.3048	30.48	0.9144	0.3334	1	12
0.0254	2.54	0.0762	0.0278	0.833	1

1 m = 100 cm = 1,000 mm

Weight conversion

The metric system	British measurement	Columbian measurement	Hong Kong measurement
metric ton	long ton	short ton	Sima load
1	0.9842	1.1023	16.535
1.016	1	1.12	16.8
0.9072	0.8929	1	15
0.05	0.04921	0.0551	0.8267
0.0508	0.05	0.056	0.8402
0.0605	0.0594	0.0667	1

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Geographical names are indicated in bold with capital letter, other names (nationalities, hurricanes, factories, etc.) are indicated in regular type with capital letter, Latin names of species are indicated in *Italic*, other names of plants and animals (common names of species, names of taxa, etc.) are indicated in bold *Italic*, terms (natural processes, diseases, etc.) are indicated in regular type with lowercase letter.

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