

Measures and weights

	Metric system	Old Danish system	English American system
1. Length	1 cm	0.382344 tommer ¹	0.39370 inch ²
	2.615446 »	1 »	1.02970 »
	2.5400 »	0,9712 »	1 »
	1 m	1.593100 alen ¹	1.09361 yard ²
	0.627707 »	1 »	0.68647 »
	0.91440 »	1.45673 »	1 »
	1 km	0.132758 mil ³	0.62137 mile ²
	7.532484 »	1 »	4.68046 »
	1.6093 »	0.2136 »	1 »
2. Area	1 m ² ⁴	2.537968 sq. alen	10.7639 sq. feet ⁵
	0.394016 »	1 »	4.2411 »
	0.092903 »	0.235785 »	1 sq. foot
	1 ha ⁴	1.812834 td. ld. ⁶	2.471 acre ⁵
	0.551623 »	1 » »	1.363 »
	0.4047 »	0.7337 » »	1 »
	1 km ² ⁴	0.017625 sq. mil ⁷	0.38610 sq.mile ⁵
	56.738315 »	1 »	21.9066 » »
	2.5900 »	0.045649 »	1 » »
3. Volume			0.2200 Eng. gallon ⁹
	1 l	1.035068 pot ⁸	0.264179 Am. »
	4.545963 »	4.705381 »	1 Eng. »
	3.785332 »	3.918076 »	1 Am. »
	1 m ³	32.34571 cu. fod ¹⁰	35.31 Eng. cu. feet ^{11, 12}
	0.030916 »	1 »	1.09 » » »
	0.028317 »	0.915933 »	1 » » foot
	1 hl	0.718798 td. ^{13, 14}	2.75 Eng. bushel ¹⁵
			2.8378 Am. » ¹⁶
			3.83 Eng. »
	1.391212 »	1 »	3.9480 Am. »
	0.3637 »	0.2614 1	1 Eng. »
	0.352383 »	0.253292 »	1 Am. »
	1.58757 »	1.141142 »	1 Am. barrel ¹⁷
4. Weight	1 kg ¹⁸	2 pund ¹⁹	2.2046 ln. ²⁰
	0.453592 »	0.907185 »	1 lb. (=16 ounces)
	0.02835 »	0.05670 »	1 ounce
	0.37324 »	0.74648 »	1 troy lb. (=12 troy ounces) ²¹
			1 troy ounce ²¹
	0.0311 »	0.0622 »	1.968413 Eng. cwt. ²⁰
			2.20462 central ²⁰
	100 kg ¹⁸	2 centner ¹⁹	1 Eng. cwt
	50.80 »	1.016 »	1 central
	45.359243 »	0.907185 »	0.9842 long ton ²⁰
			1.102311 short ton ²⁰
	1 tonne (=1000	20 centner	1 long ton
	1 016 Kg	20.32 »	1 long ton
	907.1849 »	18.1437 »	1 short ton

Length: ¹ 1 favn = 1,883121 m (1 favn = 3 alen, 1 alen = 2 fod, 1 fod = 12 tommer, 1 tomme = 12 linier). ² 1 mile = 1760 yards (1 yard = 1 foot = 12 inches, 1 inch = 10 lines). 1 fathom = 2 yards. ³ 1 Danish mile = 12.000 alen = 1.0149 geographic miles = 0.704700 Swedish miles = 0.753200 new Norwegian miles. 1 geographic mile = 0.9853 Danish miles = 7.4221 km. 1 knot (speed) = 1 nautical mile per hour. 1 nautical mile = 10 cables = 1.852 km.

Area: ⁴ 1 km² = 100 hct (1 hct = 100 are, 1 are = 100 m²). ⁵ 1 sq. mile = 640 acres (1 acre = 4 840 sq. yards, 1 sq. yard = 9 sq. feet). ⁶ 1 tønne land = 14.000 sq. alen (1 tønne land = 8 skæpper, 1 skæppe = 4 fjerdingkar, 1 fjerdingkar = 3 album). ⁷ 1 Danish sq. mile = 10.285⁵/₇ tdr. land. 1 geographic sq. mile = 9986.54 td. land = 55.088 km².

Volume: ⁸ 1 pot = 4 pægle = 0.966120 l. ⁹ 1 gallon = 4 quarts (1 quart = 2 pints, 1 pint = 4 gills). ¹⁰ 1 favn firewood = 72 cubic feet = 22.25940 m³. ¹¹ 1 register tonne = 100 cubic feet = 2.8317 m³. Gross (net) register tonne (g.r.t., NRT) is the cubic content of all a ship's compartments measured in register tonnes. Net register ton (n.r.t., NRT) is the same cubic content ÷ room for personnel, navigation and engine room. ¹² 1 cubic yard = 27 cubic feet (1 cubic foot = 1.728 cubic inches). 1 cord = 128 cubic feet, 1 standard = 165 cubic feet. 1 fathom = 216 cubic feet. ¹³ 1 tønne grain = 8 skæpper (1 skæppe = 4 fjerdingkar, 1 fjerdingkar = 2 ottingkar). 1 tønne ale = 136 potter = 1.313923 hl; 1 fad ale = 9.275 hl = 24 ankre (1 anker = 40 potter). 1 coal tønne (approx. 130 kg) = 176 potter = 1.700371 hl. 1 tar tønne = 120 potter = 1.159344 hl. 1 tønne herring = 112 potter = 1.082054 hl. ¹⁴ 1 td. wheat is considered to correspond to 106.5 kg rye 98.5 kg 2-rowed barley 92.0 kg oats 70.0 kg buckwheat 85.0 kg, peas and other pulse 112.5 kg potatoes 100.0 kg, carrots and turnips 80.0 kg and 1 td. mangold and swedes 90.0 kg. 1 td. butter = 3 dritler = 112 kg. ¹⁵ 1 Eng. quarter = 8 Eng. bushels (1 Eng. bushel = 8 Eng. gallons). ¹⁶ 1 Am. quarter = 8 Am. bushels. ¹⁷ Measures used in the oil industry (barrel = tønne).

Weight: ¹⁸ 1 quintal = 100 kg. ¹⁹ 1 pound = 100 kvint (1 kvint = 10 ort). 1 lispond = 16 pounds. 1 centner = 100 pound. ²⁰ 1 long ton (l.t.) = 20 Eng. hundredweights (cwt) (1 cwt = 112 pounds (lbs)). 1 short ton (sh.t.) = 20 centals (Eng. measure) = 20 Am. hundredweights (1 cental = 100 pounds). ²¹ English system of measurement used to weigh gold and silver.