

AMERİKAN ve İNGİLİZ ÖLÇÜ SİSTEMLERİ İLE METRİK SİSTEMİN BİRBİRLERİNE DÖNÜŞÜM CETVELLERİ

UZUNLUK ÖLÇÜLERİ	inch parmak	foot Ayak (ft)	Yard yarda (yd)	state mile kara mili	naut mile deniz mili	mm.	cm.	dm.	m.	km.
1 mil										
1 inch = parmak = pus	1	0.0833	0.0278	—	—	25.40	2.54	0.254	0.0254	—
1 foot = Ayak (ft)	12	1	0.3333	—	—	30.48	304.80	3.048	3.3048	—
1 Yard (yd)	36	3	1	—	—	914.4	91.44	9.144	0.9144	—
1 state mile (kara mili)	63360	5280	1760	1	0.8684	—	—	—	1609	1.609
1 naut mile (deniz mili)	72960	6080	2027	1.152	1	—	—	—	1853	1.853
1 mm.	0.03937	0.00328	—	—	—	1	0.10	0.01	0.001	—
1 cm.	0.3937	0.0328	—	—	10	10	1	0.10	0.01	—
1 dm.	3.937	0.3281	0.1094	—	—	100	10	1	0.1	—
1 m.	39.37	3.281	1.094	—	—	1000	100	10	1	0.001
1 km.	39370	3281	1094	0.6214	0.5396	10 ⁶	10 ⁵	10 ⁴	1000	1

YÜZEY ÖLÇÜLERİ	sq inch inç kare kare	sq foot Ayak kare	sq Yard yarda kare	sq Mile mil	ac re	cm ²	m ²	a Ar	ha	km ² .
1 Circular mile = çapı	—	—	—	—	—	5.067x	—	—	—	—
1 mil alan daire alanı	—	—	—	—	—	10 ⁶	—	—	—	—
1 sq inch (inç kare)	1	—	—	—	—	6.452	—	—	—	—
1 sq foot (Ayak kare)	144	1	0.1111	—	—	929.00	0.0929	—	—	—
1 sq (yarda kare)	1296	9	1	—	—	8361	0.8361	—	—	—
1 sq mile (mil kare)	—	—	—	1	640	—	—	—	259	2.59
1 acre	—	43640	4850	0.0016	1	—	4050	40.5	0.405	—
1 cm ²	0.155	—	—	—	—	1	0.0001	—	—	—
1 m ²	1550	10.76	1.196	—	—	10000	1	0.01	0.0001	—
1 a (Ar)	—	1076	119.6	—	0.0247	—	100	1	0.01	0.0001
1 ha (Hektar)	—	—	—	0.0039	2.47	—	10000	100	1	0.01
1 km ² (Kilometrekare)	—	—	—	0.3861	247.1	—	—	10000	100	1

HAÇIM ÖLÇÜLERİ	Cubic inch	Cubic foot	Cubic yard	US fl oz	Imp. fl oz	US gallon	Imp. gallon	Imp. pint	mm ³ .	cm ³	dm ³ . (litre)	m ³ .
1 cubic inch (inç küp)	1	—	—	0.5541	0.5768	—	—	0.288	16390	16.39	0.0164	—
1 cubic foot (ayak küp)	1728	1	0.0370	957.5	996.6	7.481	6.232	49.83	—	28320	28.32	0.0238
1 cubic yard (yarda küp)	46656	27	1	25853	26909	202	168.2	1345	—	—	764.6	0.07646
1 US fl oz	1.805	—	—	1	1.041	—	—	0.520	29570	29.57	0.0296	—
1 Brit fl oz	1.734	—	—	0.9607	1	—	—	0.05	28410	28.41	0.0284	—
1 US gallon	231	0.1337	—	128	133.20	1	0.8327	6.662	—	2785	3.785	0.0037
1 Imp gallon	277.4	0.1603	—	153.7	160	1201	1	8	—	4546	4.546	0.00456
1 Imp pint	34.68	0.02	—	19.21	20	0.1501	0.125	1	—	568.2	0.5682	—
1 mm ³	0.000061	—	—	—	—	—	—	—	1	0.001	—	—
1 cm ³	0.061	—	—	0.0338	0.0353	—	—	—	1000	1	0.001	—
1 dm ³	61.02	0.035	—	33.81	35.3	0.2642	0.22	1.76	10 ⁶	1000	1	0.001
1 m ³	61020	35	—	33810	35300	264.2	220	1750	10 ⁹	10 ⁶	1000	1

AĞIRLIK ÖLÇÜLERİ	oz ounce	pound = libre	stone	us cwt	Brit cwt	us t.	Brit t.	mg.	g	kg	t.
1 oz (ounce)	1	0.0625	0.004	—	—	—	—	28350	28.35	0.028	—
1 lb. (pound = libre)	16	1	0.071	0.01	0.009	—	—	—	453.6	0.454	—
1 Stone	224	4	1	0.14	0.125	0.007	0.00630	—	6350	6.35	0.0064
1 U.S. cwt	1600	100	7.143	1	0.8929	0.05	0.0446	—	45359	45.36	0.0454
1 Brit cwt	1792	112	8	1.12	1	0.056	0.05	—	50802	50.80	0.0508
1 U.S. (US Tonu)	32000	2000	142.9	20	17.841	1	0.8929	—	907190	907.20	0.907
1 Brit t. (İngiliz tonu)	35840	2240	160	11.20	20	11.20	1	—	1016050	1016	1.016
1 mg. (miligram)	—	—	—	—	—	—	—	1	0.001	—	—
1 g (gram)	0.0353	—	—	—	—	—	—	1000	1	0.001	—
1 kg (kilogram)	35.27	2.205	0.157	0.022	0.020	0.0011	0.00098	—	1000	1	0.001
1 t (ton)	35274	2204.6	157.47	22.05	19.685	1.1023	0.9842	—	—	1000	1

GÜÇ BİRİMLERİ	KW	P.S	H.P	m kg/sn	kcal/s	B TU/s	ft-lb/s
1 kw (Kilovat 1000w = 10 ¹² erg/sn)	1	1.36	1.34	102	0.239	0.948	737.54
1 P.S. (Beygir gücü)	0.735	1	0.986	75	0.176	0.697	542.46
1 H.P. (Horse Power)	0.746	1.014	1	76.1	0.178	0.707	550.20
1 m kg/s (metre kilogram/sn)	9.81 x 10 ⁻³	1.33 x 10 ⁻²	1.31 x 10 ⁻²	1	2.34 x 10 ⁻³	9.39 x 10 ⁻³	7.23
1 kcal/s (kilo-kalori/sn)	4.19	5.69	5.61	427	1	3.97	3087
1 BTU/s (Brit Thermal Unit/sn)	1.06	1.43	1.41	108	0.252	1	776
1 ft-lb/s. (001-ound/sec)	1.36 x 10 ⁻³	1.84 x 10 ⁻³	1.82 x 10 ⁻³	0.138	3.24 x 10 ⁻⁴	1.29 x 10 ⁻³	1

İŞ BİRİMLERİ	PSh	mkg	joul = watt-sn = 10 ⁷ erg	kcal	BTU	ft - lb
1 KW/s (kilovatsaat)	1.36	0.367 x 10 ⁶	3.6 x 10 ⁶	860	3.4 x 10 ³	2.66 x 10 ⁶

BASINÇ BİRİMLERİ	atm (fiziki atmosfer)	at (Teknik atmosfer)	PSI	Torr	b
1 atm 760 mm civa sütunu (fiziki atm.)	1	1.0332	—	760	0.0133
1 at = 1 kg/cm ² (Teknik atm)	0.9678	1	14.2	735.56	0.9807
1 PSI (pounds/sq inch)	—	0.07	1	—	—
1 Torr = 1 mm. civa sütunu (0° da)	1.316 x 10 ⁻³	1.3595 x 10 ⁻³	—	1	1.333 x 10 ⁻³
1 b (Bar) = 10 ⁶ dyn/cm ²	0.9869	1.0197	—	750.06	1