

Ancient Rome

Table of Measures of Length/Distance

Name of Unit (Greek)	Digitus	Meters
01-Digitus (Daktylos)	1	0.0185
02-Uncia - Polex	1.33	0.0246
03-Duorum Digitorum (Condylos)	2	0.037
04-Palmus (Pala(i)ste)	4	0.074
05-Pes Dimidius (Dihas)	8	0.148
06-Palma Porrecta (Orthodoron)	11	0.2035
07-Palmus Major (Spithame)	12	0.222
08-Pes (Pous)	16	0.296
09-Pugnus (Pygme)	18	0.333
10-Palmipes (Pygon)	20	0.370
11-Cubitus - Ulna (pechus)	24	0.444
12-Gradus – Pes Sestertius (bema aploun)	40	0.74
13-Passus (bema diploun)	80	1.48
14-Ulna Extenda (Orguia)	96	1.776
15-Acnua -Dekempeda - Pertica (Akaina)	160	2.96
16-Actus	1920	35.52
17-Actus Stadium	10000	185
18-Stadium (Stadion Attic)	10000	185
19-Milliarium - Mille passuum	80000	1480
20-Leuka - Leuga	120000	2220

Table of Measures of Area

Name of Unit	Pes Quadratus	Meters²
01-Pes Quadratus	1	0.0876
02-Dimidium scrupulum	50	4.38
03-Scrupulum - scrupulum	100	8.76
04-Actus minimus	480	42.048
05-Uncia	2400	210.24
06-Clima	3600	315.36
07-Sextans	4800	420.48
08-Actus quadratus	14400	1261.44
09-Arvum - Arura	22500	1971
10-Jugerum	28800	2522.88
11-Heredium	57600	5045.76
12-Centuria	5760000	504576
13-Saltus	23040000	2018304

Table of Measures of Liquids

Name of Unit	Ligula	Liters
01-Ligula	1	0.0114
02-Uncia (metric)	2	0.0228
03-Cyathus	4	0.0456
04-Acetabulum	6	0.0684
05-Sextans	8	0.0912
06-Quartarius – Quadrans	12	0.1368
07-Triens	16	0.1824
08-Hemina – Cotyla - Libra (metric)	24	0.2736
09-Sextarius	48	0.5472
10-Congius	288	3.2832
11-Urna	1152	13.1328
12-Quadrantal – Amphora	2304	26.2656
13-Culeus	46080	525.312

Table of Measures of Dry

Name of Unit	Ligula	Liters
01-Ligula	1	0.0114
02-Uncia (metric)	2	0.0228
03-Cyathus	4	0.0456
04-Acetabulum	6	0.0684
05-Quartarius – Quadrans	12	0.1368
06-Hemina – Cotyla – Libra (metric)	24	0.2736
07-Cheonix	32	0.3648
08-Sextarius	48	0.5472
09-Semimodius - semodius	384	4.3776
10-Modius - modiolus	768	8.7552
11-Quadrantal	2304	26.2656
12-Medimnus	4608	52.5312

Table of Measures of Weight

Name of Unit (fraction) [Base Unit=Siliqua]	Siliqua	Grams
01-Siliqua	1	0.1893683
02-Obolus	3	0.568
03-Scrupulum	6	1.136
04-Semisextula	12	2.272
05-Sextula	24	4.545
06-Sicilicus	36	6.817
07-Duella	48	9.090
08-Semuncia	72	13.635
09-Uncia (stathmic) - As (the Roman unit)	144	27.270
10-Sescuncia - Sescunx	216	40.904
11-Sextans	288	54.538
12-Quadrans - Teruncius	432	81.808
13-Triens	576	109.076
14-Quincunx	720	136.345
15-Semis - Semissis	864	163.614
16-Septunx	1008	190.883
17-Bes	1152	218.152
18-Dodrans	1296	245.421
19-Dextans	1440	272.690
20-Deunx	1584	299.959
21-Libra (stathmic) - As (the Roman unit)	1728	327.228

Name of Unit [Base Unit=Uncia]	Uncia	Grams
01-Uncia (stathmic) - As (the Roman unit)	1	27.270
02-Sescuncia - Sescunx	1.5	40.905
03-Sextans	2	54.54
04-Quadrans - Teruncius	3	81.81
05-Triens	4	109.08
06-Quincunx	5	136.35
07-Semis - Semissis	6	163.62
08-Septunx	7	190.89
09-Bes	8	218.16
10-Dodrans	9	245.43
11-Dextans	10	272.7
12-Deunx	11	299.97
13-Libra (stathmic) - As (the Roman unit)	12	327.24