Quick Reference for Conversions Between SI and English Units

Volume			Volume/Area	
qt	L	gal	L/ha	gpa
1	1	0.3	1	0.1
2.1	2	0.5	2	0.2
3.2	3	0.8	3	0.3
4.2	4	1.1	4	0.4
5.3	5	1.3	5	0.5
6.3	6	1.6	6	0.6
7.4	7	1.8	7	0.7
8.5	8	2.1	8	0.9
9.5	9	2.4	9	1
11	10	2.6	10	1.1
21	20	5.3	20	2.1
32	30	7.9	30	3.2
42	40	11	40	4.3
53	50	13	50	5.3
63	60	16	60	6.4
74	70	18	70	7.5
85	80	21	80	8.6
95	90	24	90	9.6
106	100	26	100	11
211	200	53	200	21
317	300	79	300	32
423	400	106	400	43
528	500	132	500	53
634	600	159	600	64
740	700	185	700	75
846	800	211	800	86
951	900	238	900	96
1057	1000	264	1000	107
*1.057		*0.264		*0.107

Area			
ha	A	cm²	inch²
0.1	0.25	10	1.5
0.2	0.49	20	3
0.3	0.74	30	5
0.4	1	40	6
0.5	1.2	50	8
0.6	1.5	60	9
0.7	1.7	70	11
0.8	2	80	12
0.9	2.2	90	14
1	2.5	100	16
2	5	200	31
3	7.4	300	46
4	10	400	62
5	12	500	77
6	15	600	93
7	17	700	108
8	20	800	124
9	22	900	139
10	25	1000	145
	*2.471		*0.155

Weight/Area				
			bu/A	
kg/ha	lb/A	ton/A	56 lb	60 lb
0.1	0.09			
0.2	0.18			
0.3	0.27			
0.4	0.36			
0.5	0.45			
0.6	0.54			
0.7	0.62			
0.8	0.71			
0.9	0.80			
1	0.89			
2	1.8			
3	2.7			
4	3.6			
5	4.5			
6	5.4			
7	6.2			
8	7.1			
9	8.0			
10	8.9			
20	18			
30	27			
40	36			
50	45			
60	54		1	
70	62			1
80	71			
90	80			
100	89		2	
200	178	0.1	3	3
300	268		5	
400	357		6	6
500	446	0.2	8	7
600	535		10	9
700	624	0.3	11	10
800	714		13	12
900	803	0.4	14	13
1000	892		16	15
2000	1784	0.9	32	30
3000	2676	1.3	48	45
4000	3568	1.8	64	59
5000	4460	2.2	80	74
6000	5352	2.7	96	89
7000	6244	3.1	111	104
8000	7136	3.6	127	119
9000	8028	4.0	143	134
10000	8920	4.5	159	149
11000	9812	4.9	175	164
12000	10704	5.4	191	178
13000	11596	5.8	207	193
14000	12488	6.2	223	208
15000	13380	6.7	239	223
	*0.892	*0.00045	*0.016	*0.015

Weight				
lb	kg	ton	g	ounce
0.2	0.1		1	0.04
0.4	0.2		2	0.07
0.7	0.3		3	0.1
0.9	0.4		4	0.14
1.1	0.5		5	0.18
1.3	0.6		6	0.21
1.5	0.7		7	0.25
1.8	0.8		8	0.28
2	0.9		9	0.32
2.2	1		10	0.35
4.4	2		20	0.7
6.6	3		30	1.1
8.8	4		40	1.4
11	5		50	1.8
13	6		60	2.1
15	7		70	2.5
18	8		80	2.8
20	9		90	3.2
22	10		100	3.5
44	20		200	7.1
66	30		300	11
88	40		400	14
110	50		500	18
132	60		600	21
154	70		700	25
176	80		800	28
198	90		900	32
220	100	0.1	1000	35
441	200	0.2		*0.0353
661	300	0.3		
882	400	0.4		
1102	500	0.5		
1323	600	0.7		
1543	700	0.8		
1764	800	0.9		
1984	900	1		
2205	1000	1.1		
4410	2000	2.2		
6615	3000	3.3		
8820	4000	4.4		
11025	5000	5.5		
13230	6000	6.6		
15435	7000	7.7		
17640	8000	8.8		
19845	9000	9.9		
22050	10000	11		
*2.205		*0.0011		

Temperature		Speed		Pressure	
°C	°F	km/h	mph	kPa	psi
100	212	1	0.6	50	7
90	194	2	1.2	75	11
80	176	3	1.9	100	14
70	158	4	2.5	125	18
60	140	5	3.1	150	22
50	122	6	3.7	175	25
40	104	7	4.3	200	29
35	95	8	5	225	33
30	86	9	5.6	250	36
25	77	10	6.2	275	40
20	68	20	12	300	43
15	59	30	19	325	47
10	50	40	25	350	51
5	41	50	31	375	54
0	32	60	37	400	58
−5	23	70	43	500	73
−10	14	80	50	600	87
−15	5	90	56	700	101
−20	4	100	62	800	116
−25	−13		*0.6214	900	130
−30	−22			1000	145
−40	−40				*0.145
	*(9/5 C) + 32				

Length								
inch	cm	feet	feet	meter	yard	yard	km	mile
0.4	1		0.3	0.1	0.1	109	0.1	0.06
0.8	2		0.6	0.2	0.2	219	0.2	0.12
1.2	3	0.1	0.9	0.3	0.3	328	0.3	0.19
1.6	4		1.3	0.4	0.4	438	0.4	0.25
2	5		1.6	0.5	0.5	547	0.5	0.31
2.4	6	0.2	2	0.6	0.7	656	0.6	0.37
2.8	7		2.3	0.7	0.8	766	0.7	0.43
3.1	8		2.6	0.8	0.9	875	0.8	0.5
3.5	9		3	0.9	1	985	0.9	0.56
3.9	10	0.3	3.3	1	1.1	1094	1	0.62
7.9	20	0.6	6.6	2	2.2	*1094	2	1.2
12	30	1	9.8	3	3.3		3	1.9
16	40	1.3	13	4	4.4		4	2.5
20	50	1.6	16	5	5.5		5	3.1
24	60	2	20	6	6.6		6	3.7
28	70	2.3	23	7	7.7		7	4.3
32	80	2.6	26	8	8.8		8	5
36	90	3	30	9	9.8		9	5.6
39	100	3.3	33	10	11		10	6.2
79	200	6.6	66	20	22		20	12
118	300	9.8	98	30	33		30	19
157	400	13	131	40	44		40	25
197	500	16	164	50	55		50	31
236	600	20	199	60	66		60	37
276	700	23	230	70	76		70	43
315	800	26	262	80	87		80	50
354	900	30	295	90	98		90	56
394	1000	33	328	100	109		100	62
*0.3937		*0.0328	*3.281		*1.094			*0.6214

*Multiply the SI units by this factor to convert to English units for this column.

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