

CONVERSIONS
DECIMAL MULTIPLES AND SUBMULTIPLES

FRACTION	INCH											
	0	1	2	3	4	5	6	7	8	9	10	11
0	0	25,400	50,800	76,200	101,600	127,000	152,400	177,800	177,800	228,600	254,000	279,400
1/64	0,396	25,796	51,196	76,596	101,996	127,396	152,796	178,196	178,196	228,996	254,396	279,796
1/32	0,793	26,193	51,593	76,993	102,393	127,793	153,193	178,593	178,593	229,393	254,793	280,193
3/64	1,190	26,590	51,990	77,390	102,790	128,190	153,590	178,990	178,990	229,790	255,190	280,590
1/16	1,587	26,987	52,387	77,787	103,187	128,587	153,987	179,387	179,387	230,187	255,587	280,937
5/64	1,984	27,384	52,784	78,184	103,584	128,984	154,384	179,784	179,784	230,584	255,984	281,384
3/32	2,381	27,781	53,181	78,581	103,981	129,381	154,781	180,181	180,181	230,981	256,381	281,781
7/64	2,778	28,178	53,578	78,978	104,378	129,778	155,178	180,578	180,578	231,378	256,778	282,178
1/8	3,175	28,575	53,975	79,375	104,775	130,175	155,575	180,975	180,975	231,775	257,175	282,575
9/64	3,571	28,971	54,371	79,771	105,171	130,571	155,971	181,371	181,371	232,171	257,571	282,971
5/32	3,968	29,368	54,768	80,168	105,568	130,968	156,368	181,768	181,768	232,568	257,968	283,368
11/64	4,365	29,765	55,165	80,565	105,965	131,365	156,765	182,165	182,165	232,965	258,365	283,765
3/16	4,762	30,162	55,562	80,962	106,362	131,762	157,162	182,562	182,562	233,362	258,762	284,162
13/64	5,159	30,559	55,959	81,359	106,759	132,159	157,559	182,959	182,959	233,759	259,159	284,559
7/32	5,556	30,956	56,356	81,756	107,156	132,556	157,956	183,356	183,356	234,165	259,556	284,956
15/64	5,953	31,353	56,753	82,153	107,553	132,953	158,353	183,753	183,753	234,553	259,953	285,353
1/4	6,350	31,750	57,150	82,550	107,950	133,350	158,750	184,150	184,150	234,950	260,350	285,750
17/64	6,746	32,146	57,546	82,946	108,346	133,746	159,146	184,546	184,546	235,346	260,746	286,146
9/32	7,143	32,543	57,943	83,343	108,743	134,143	159,543	184,943	184,943	235,743	261,143	286,543
19/64	7,540	32,940	58,340	83,740	109,140	134,540	159,940	185,340	185,340	236,140	261,540	286,940
5/16	7,937	33,337	58,737	84,137	109,537	134,937	160,337	185,737	185,737	236,537	261,937	287,337
21/64	8,334	33,734	59,134	84,534	109,934	135,334	160,734	186,134	186,134	236,934	262,334	287,734
11/32	8,731	34,131	59,531	84,931	110,331	135,731	161,131	186,531	186,531	237,331	262,731	288,131
23/64	9,128	34,528	59,928	85,328	110,728	136,128	161,528	186,928	186,928	237,728	263,128	288,528
3/8	9,525	34,925	60,325	85,725	111,125	136,525	161,925	187,325	187,325	238,125	263,525	288,925
25/64	9,921	35,321	60,721	86,121	111,521	136,921	162,321	187,721	187,721	238,521	263,921	289,321
13/32	10,318	35,718	61,118	86,518	111,918	137,318	162,718	188,118	188,118	238,918	264,318	289,718
27/64	10,715	36,115	61,515	86,915	112,315	137,715	163,115	188,515	188,515	239,315	264,715	290,115
7/16	11,112	36,512	61,912	87,312	112,712	138,112	163,512	188,912	188,912	239,712	265,112	290,512
29/64	11,509	36,909	62,309	87,709	113,109	138,509	163,909	189,309	189,309	240,109	265,509	290,909
15/32	11,906	37,306	62,706	88,106	113,506	138,906	164,306	189,706	189,706	240,506	265,906	291,306
31/64	37,703	63,103	88,503	113,903	139,303	164,703	190,103	190,103	240,903	266,303	291,703	304,403

CONVERSIONS

DECIMAL MULTIPLES AND SUBMULTIPLES

FRACTION	INCH											
	0	1	2	3	4	5	6	7	8	9	10	11
1/2	12,700	38,100	63,500	88,900	114,300	139,700	165,100	190,500	190,500	241,300	266,700	292,100
33/64	13,096	38,496	63,896	89,296	114,696	140,096	165,496	190,896	190,896	241,696	267,096	292,496
17/32	13,493	38,893	64,293	89,693	115,093	140,493	165,893	191,293	191,293	242,093	267,493	292,893
35/64	13,890	39,290	64,690	90,090	115,490	140,890	166,290	191,690	191,690	242,490	267,890	293,290
9/16	14,287	39,687	65,087	90,487	115,887	141,287	166,687	192,087	192,087	242,887	268,287	293,687
37/64	14,684	40,084	65,484	90,884	116,284	141,684	167,084	192,484	192,484	243,284	268,684	294,084
19/32	15,081	40,481	65,881	91,281	116,681	142,081	167,481	192,881	192,881	243,681	269,081	294,481
39/64	15,478	40,878	66,278	91,678	117,078	142,478	167,878	193,278	218,678	244,078	269,478	294,878
5/8	15,875	41,275	66,675	92,075	117,475	142,875	168,275	193,675	219,075	244,475	269,875	295,275
41/64	16,271	41,671	67,071	92,471	117,871	143,271	168,671	194,071	219,471	244,871	270,271	295,671
21/32	16,668	42,068	67,468	92,868	118,268	143,668	169,068	194,468	219,868	245,268	270,668	296,068
43/64	17,065	42,465	67,865	93,265	118,665	144,065	169,465	194,865	220,265	245,665	271,065	296,465
11/16	17,462	42,862	68,262	93,662	119,062	144,462	169,862	195,262	220,662	246,062	271,462	296,862
45/64	17,859	43,259	68,659	94,059	119,459	144,859	170,259	195,659	221,059	246,459	271,859	297,259
23/32	18,256	43,656	69,056	94,456	119,856	145,256	170,656	196,056	221,456	246,856	272,256	297,656
47/64	18,653	44,053	69,453	94,853	120,253	145,653	171,053	196,453	221,853	247,253	272,653	298,053
3/4	19,050	44,450	69,850	95,250	120,650	146,050	171,450	196,850	222,250	247,650	273,050	298,450
49/64	19,446	44,846	70,246	95,646	121,046	146,446	171,846	197,246	222,646	248,046	273,446	298,846
25/32	19,843	45,243	70,643	96,043	121,443	146,843	172,243	197,643	223,043	248,443	273,843	299,243
51/64	20,240	45,640	71,040	96,440	121,840	147,240	172,640	198,040	223,440	248,840	274,240	299,640
13/16	20,637	46,037	71,437	96,837	122,237	147,637	173,037	198,437	223,837	249,237	274,637	300,037
53/64	21,034	46,434	71,834	97,234	122,634	148,034	173,434	198,834	224,234	249,634	275,034	300,434
27/32	21,431	46,831	72,231	97,631	123,031	148,431	173,831	199,231	224,631	250,031	275,431	300,831
55/64	21,828	47,228	72,628	98,028	123,428	148,828	174,228	199,628	225,028	250,428	275,828	301,228
7/8	22,225	47,625	73,025	98,425	123,825	149,225	174,625	200,025	225,425	250,825	276,225	301,625
57/64	22,621	48,021	73,421	98,821	124,221	149,621	175,021	200,421	225,821	251,221	276,621	302,021
29/32	23,018	48,418	73,818	99,218	124,618	150,018	175,418	200,818	226,218	251,618	277,018	302,418
59/64	23,415	48,815	74,215	99,615	125,015	150,415	175,815	201,215	226,615	252,015	277,415	302,815
15/16	23,812	49,212	74,612	100,012	125,412	150,812	176,212	201,612	227,012	252,412	277,812	303,212
61/64	24,209	49,609	75,009	100,409	125,809	151,209	176,609	202,009	227,409	252,809	278,209	303,609
31/32	24,606	50,006	75,406	100,806	126,206	151,606	177,006	202,406	227,806	253,206	278,606	304,006
63/64	25,003	50,403	75,803	101,203	126,603	152,003	177,403	202,803	228,203	253,603	279,003	304,403

CONVERSIONS

POUNDS TO KILOGRAMS

POUNDS	0	1	2	3	4	5	6	7	8	9
0	0,0000	0,4536	0,9072	1,3608	1,8144	2,2680	2,7216	3,1751	3,6287	4,0823
10	4,5359	4,9895	5,4431	5,8967	6,3503	6,8039	7,2575	7,7111	8,1647	8,6183
20	9,0719	9,5254	9,9790	10,433	10,886	11,340	11,793	12,247	12,701	13,154
30	13,608	14,061	14,515	14,969	15,422	15,876	16,329	16,783	17,237	17,690
40	18,144	18,597	19,051	19,504	19,958	20,412	20,865	21,319	21,772	22,226
50	22,680	23,133	23,587	24,040	24,494	24,948	25,401	25,855	26,308	36,761
60	27,216	27,669	28,123	28,576	29,030	29,484	29,937	30,391	30,844	31,298
70	31,751	32,205	32,659	33,112	33,566	34,019	34,473	34,927	35,380	35,833
80	36,287	36,741	37,195	37,648	38,102	38,555	39,009	39,463	39,916	40,370
90	40,823	41,277	41,731	42,184	42,638	43,091	43,545	43,998	44,452	44,905

ANGLOSAXON MEASUREMENT UNIT

ANLOSAXON SYSTEM	METRIC SYSTEM
Inch	25,4 mm
Piede (12 inches)	0,3048 m
Yarda (3 feet)	0,9144 m
Mile	1609 m
Ounce	28,35 g
Pound (16 ounces)	453,6 g
Psi (pound/inch ²)	6,897·10 ⁻³ MPa

ANLOSAXON SYSTEM	METRIC SYSTEM
mm	0,03937 inches
m	3,2808 feet
m	1,093 yards
1000 m	0,6214 miles
1000 g	35,278 ounce
1000 g	2,2 pounds
MPa (N/mm ²)	144,99 psi

CONVERSIONS CHART - FARENHEIT GRADES TO CENTIGRADE GRADES

$$^{\circ}\text{C} = \frac{5}{9} \cdot ^{\circ}\text{F} - 32$$

°F	-459,4	-450	-440	-430	-420	-410	-400	-390	-380	-370	-360	-350	-340
°C	-273	-267,8	-262,2	-256,7	-251,1	-245,6	-240,0	-234,4	-228,9	-223,3	-217,8	-212,2	-206,7
°F	-330	-320	-310	-300	-290	-280	-273	-270	-260	-250	-240	-230	-220
°C	-201,1	-195,6	-190,0	-184,4	-178,9	-173,3	-169,4	-167,8	-162,2	-156,7	-151,1	-145,6	-140,0
°F	-210	-200	-190	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90
°C	-134,4	-128,9	-123,3	-117,8	-112,2	-106,7	-101,1	-95,6	-90,0	-84,4	-78,9	-73,3	-67,8
°F	-80	-70	-60	-50	-40	-30	-20	-10	0	5	10	15	20
°C	-62,2	-56,7	-51,1	-45,6	-40,0	-34,4	-28,9	-23,3	-17,8	-15,0	-12,2	-9,4	-6,7
°F	25	30	35	40	45	50	55	60	65	70	75	80	85
°C	-3,9	-1,1	1,7	4,4	7,2	10,0	12,8	15,6	18,3	21,1	23,9	26,7	29,4
°F	90	95	100	110	120	130	140	150	160	170	180	190	200
°C	32,2	35,0	37,8	43,3	48,9	54,4	60,0	65,6	71,1	76,7	82,2	87,8	93,3
°F	210	220	230	240	250	260	270	280	290	300	310	320	330
°C	98,9	104,4	110,0	115,6	121,1	126,7	132,2	137,8	143,3	148,9	154,4	160,0	165,6
°F	340	350	360	370	380	390	400	410	420	430	440	450	460
°C	171,1	176,7	182,2	187,8	193,3	198,9	204,4	210,0	215,6	221,1	226,7	232,2	237,8
°F	470	480	490	500	510	520	530	540	550	560	570	580	590
°C	243,3	248,9	254,4	260,0	265,6	271,1	276,7	282,2	287,8	293,3	298,9	304,4	310,0
°F	600	610	620	630	640	650	660	670	680	690	700	710	720
°C	315,6	321,1	326,7	332,2	337,8	343,3	348,9	354,4	360,0	365,6	371,1	376,7	382,2
°F	730	740	750	760	770	780	790	800	810	820	830	840	850
°C	387,8	393,3	398,9	404,4	410,0	415,6	421,1	426,7	432,2	437,8	443,3	448,9	454,4
°F	860	870	880	890	900	910	920	930	940	950	960	970	980
°C	460,0	465,6	471,1	476,7	482,2	487,8	493,3	498,9	504,4	510,0	515,6	521,1	526,7
°F	990	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110
°C	532,2	537,8	543,3	548,9	554,4	560,0	565,6	571,1	576,7	582,2	587,8	593,3	598,9

°F	1120	1130	1140	1150	1160	1170	1180	1190	1200	1210	1220	1230	1240
°C	604,4	610,0	615,6	621,1	626,7	632,2	637,8	643,3	648,9	654,4	660,0	665,6	671,1
°F	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370
°C	676,7	682,2	687,8	693,3	698,9	704,4	710,0	715,6	721,1	726,7	732,2	737,8	743,3
°F	1380	1390	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500
°C	748,9	754,4	760,0	765,6	771,1	776,7	782,2	787,8	793,3	798,9	804,4	810,0	815,6
°F	1510	1520	1530	1540	1550	1560	1570	1580	1590	1600	1610	1620	1630
°C	821,1	826,7	832,2	837,8	843,3	848,9	854,4	860,0	865,6	871,1	876,7	882,2	887,8
°F	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760
°C	893,3	898,9	904,4	910,0	915,6	921,1	926,7	932,2	937,8	943,3	948,9	954,4	960,0
°F	1770	1780	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890
°C	965,6	971,1	976,7	982,2	987,8	993,3	998,9	1004,4	1010,0	1015,6	1021,1	1026,7	1032,2
°F	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020
°C	1037,8	1043,3	1048,9	1054,4	1060,0	1065,6	1071,1	1076,7	1082,2	1087,8	1093,3	1098,9	1104,4
°F	2030	2040	2050	2060	2070	2080	2090	2100	2110	2120	2130	2140	2150
°C	1110,0	1115,6	1121,1	1126,7	1132,2	1137,8	1143,3	1148,9	1154,4	1160,0	1165,6	1171,1	1176,7
°F	2160	2170	2180	2190	2200	2210	2220	2230	2240	2250	2260	2270	2280
°C	1182,2	1187,8	1193,3	1198,9	1204,4	1210,0	1215,6	1221,1	1226,7	1232,2	1237,8	1243,3	1248,9
°F	2290	2300	2310	2320	2330	2340	2350	2360	2370	2380	2390	2400	2410
°C	1254,4	1260,0	1265,6	1271,1	1276,7	1282,2	1287,8	1293,3	1298,9	1304,4	1310,0	1315,6	1321,1
°F	2420	2430	2440	2450	2460	2470	2480	2490	2500	2520	2540	2560	2580
°C	1326,7	1332,2	1337,8	1343,3	1348,9	1354,4	1360,0	1365,6	1371,1	1382,2	1393,3	1404,4	1415,6
°F	2600	2620	2640	2660	2680	2700	2720	2740	2760	2780	2800	2820	2840
°C	1426,7	1437,8	1448,9	1460,0	1471,1	1482,2	1493,3	1504,4	1515,6	1526,7	1537,8	1548,9	1560,0
°F	2860	2880	2900	2920	2940	2960	2980	3000	3020	3040	3060	3080	3100
°C	1571,1	1582,2	1593,3	1604,4	1615,6	1626,7	1637,8	1648,9	1660,0	1671,1	1682,2	1693,3	1704,4

CONVERSIONS CHART - CENTIGRADE GRADES TO FARENHEIT GRADES

$$^{\circ}\text{F} = 9/5 \cdot ^{\circ}\text{C} + 32$$

$^{\circ}\text{C}$	-273	-270	-260	-250	-240	-230	-220	-210	-200	-195	-190	-185	-180
$^{\circ}\text{F}$	-459	-454	-436	-418	-400	-382	-364	-346	-328	-319	-310	-301	-292
$^{\circ}\text{C}$	-175	-170	-165	-160	-155	-150	-145	-140	-135	-130	-125	-120	-115
$^{\circ}\text{F}$	-283	-274	-265	-256	-247	-238	-229	-220	-211	-202	-193	-184	-175
$^{\circ}\text{C}$	-110	-105	-100	-95	-90	-85	-80	-75	-70	-65	-60	-55	-50
$^{\circ}\text{F}$	-166	-157	-148	-139	-130	-121	-112	-103	-94	-85	-76	-67	-58
$^{\circ}\text{C}$	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	15
$^{\circ}\text{F}$	-49	-40	-31	-22	-13	-4	-5	14	23	32	41	50	59
$^{\circ}\text{C}$	20	25	30	35	40	45	50	55	60	65	70	75	80
$^{\circ}\text{F}$	68	77	86	95	104	113	122	131	140	149	158	167	176
$^{\circ}\text{C}$	85	90	95	100	105	110	115	120	125	130	135	140	145
$^{\circ}\text{F}$	185	194	203	212	221	230	239	248	257	266	275	284	293
$^{\circ}\text{C}$	150	155	160	165	170	175	180	185	190	195	200	205	210
$^{\circ}\text{F}$	302	311	320	329	338	347	356	365	374	383	392	401	410
$^{\circ}\text{C}$	215	220	225	230	235	240	245	250	255	260	265	270	275
$^{\circ}\text{F}$	419	428	437	446	455	464	473	482	491	500	509	518	527
$^{\circ}\text{C}$	280	285	290	295	300	305	310	315	320	325	330	335	340
$^{\circ}\text{F}$	536	545	554	563	572	581	590	599	608	617	626	635	644
$^{\circ}\text{C}$	345	350	355	360	365	370	375	380	385	390	395	400	405
$^{\circ}\text{F}$	653	662	671	680	689	698	707	716	725	734	743	752	761
$^{\circ}\text{C}$	410	415	420	425	430	435	440	445	450	455	460	465	470
$^{\circ}\text{F}$	770	779	788	797	806	815	824	833	842	851	860	869	878
$^{\circ}\text{C}$	475	480	485	490	495	500	505	510	515	520	525	530	535
$^{\circ}\text{F}$	887	896	905	914	923	932	941	950	959	968	977	986	995
$^{\circ}\text{C}$	540	545	550	555	560	565	570	575	580	585	590	595	600
$^{\circ}\text{F}$	1004	1013	1022	1031	1040	1049	1058	1067	1076	1085	1094	1103	1112

°C	605	610	615	620	625	630	635	640	645	650	655	660	665
°F	1121	1130	1139	1148	1157	1166	1175	1184	1193	1202	1211	1220	1229
°C	670	675	680	685	690	695	700	705	710	715	720	725	730
°F	1238	1247	1256	1265	1274	1283	1292	1301	1310	1319	1328	1337	1346
°C	735	740	745	750	755	760	765	770	775	780	785	790	795
°F	1355	1364	1373	1382	1391	1400	1409	1418	1427	1436	1445	1454	1463
°C	800	810	820	830	840	850	860	870	880	890	900	910	920
°F	1472	1490	1508	1526	1544	1562	1580	1598	1616	1634	1652	1670	1688
°C	930	940	950	960	970	980	990	1000	1010	1020	1030	1040	1050
°F	1706	1724	1742	1760	1778	1796	1814	1832	1850	1868	1886	1904	1922
°C	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180
°F	1940	1958	1976	1994	2012	2030	2048	2066	2084	2102	2120	2138	2156
°C	1190	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310
°F	2174	2192	2210	2228	2246	2264	2282	2300	2318	2336	2354	2372	2390
°C	1320	1330	1340	1350	1360	1370	1380	1390	1400	1410	1420	1430	1440
°F	2408	2426	2444	2462	2480	2498	2516	2534	2552	2570	2588	2606	2624
°C	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570
°F	2642	2660	2678	2696	2714	2732	2750	2768	2786	2804	2822	2840	2858
°C	1580	1590	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700
°F	2876	2894	2912	2930	2948	2966	2984	3002	3020	3038	3056	3074	3092
°C	1710	1720	1730	1740	1750	1760	1770	1780	1790	1800	1810	1820	1830
°F	3110	3128	3146	3164	3182	3200	3218	3236	3254	3272	3290	3308	3326
°C	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960
°F	3344	3362	3380	3398	3416	3434	3452	3470	3488	3506	3524	3542	3560
°C	1970	1980	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080	2090
°F	3578	3596	3614	3632	3650	3668	3686	3704	3722	3740	3758	3776	3794