

Table 4.6 CIRCULAR SINES AND COSINES FOR RADIAN ARGUMENTS

x	sin x						cos x					
0.000	0.00000	00000	00000	00000	000	1.00000	00000	00000	00000	000		
0.001	0.00099	99998	33333	34166	667	0.99999	95000	00041	66666	528		
0.002	0.00199	99986	66666	93333	331	0.99999	80000	00666	66657	778		
0.003	0.00299	99955	00002	02499	957	0.99999	55000	03374	99898	750		
0.004	0.00399	99893	33341	86666	342	0.99999	20000	10666	66097	778		
0.005	0.00499	99791	66692	70831	783	0.99998	75000	26041	64496	529		
0.006	0.00599	99640	00064	79994	446	0.99998	20000	53999	93520	004		
0.007	0.00699	99428	33473	39150	327	0.99997	55001	00041	50326	542		
0.008	0.00799	99146	66939	73291	723	0.99996	80001	70666	30257	819		
0.009	0.00899	98785	00492	07405	100	0.99995	95002	73374	26188	857		
0.010	0.00999	98333	34166	66468	254	0.99995	00004	16665	27778	026		
0.011	0.01099	97781	68008	75446	684	0.99993	95006	10039	20617	059		
0.012	0.01199	97120	02073	59289	053	0.99992	80008	63995	85281	066		
0.013	0.01299	96338	36427	42921	659	0.99991	55011	90034	96278	551		
0.014	0.01399	95426	71148	51241	801	0.99990	20016	00656	20901	438		
0.015	0.01499	94375	06328	09109	944	0.99988	75021	09359	17975	106		
0.016	0.01599	93173	42071	41340	585	0.99987	20027	30643	36508	430		
0.017	0.01699	91811	78498	72691	726	0.99985	55034	80008	14243	829		
0.018	0.01799	90280	15746	27852	832	0.99983	80043	73952	76107	331		
0.019	0.01899	88568	53967	31431	205	0.99981	95054	29976	32558	650		
0.020	0.01999	86666	93333	07936	649	0.99980	00066	66577	77841	270		
0.021	0.02099	84565	34033	81764	335	0.99977	95081	03255	88132	556		
0.022	0.02199	82253	76279	77175	771	0.99975	80097	60509	19593	878		
0.023	0.02299	79722	20302	18277	769	0.99973	55116	59836	06320	750		
0.024	0.02399	76960	66354	28999	311	0.99971	20138	23734	58193	002		
0.025	0.02499	73959	14712	33066	217	0.99968	75162	75702	58624	967		
0.026	0.02599	70707	65676	53973	517	0.99966	20190	40237	62215	698		
0.027	0.02699	67196	19572	14955	411	0.99963	55221	42836	92299	214		
0.028	0.02799	63414	76750	38952	746	0.99960	80256	09997	38394	779		
0.029	0.02899	59353	37589	48577	881	0.99957	95294	69215	53557	207		
0.030	0.02999	55002	02495	66076	853	0.99955	00337	48987	51627	216		
0.031	0.03099	50350	71904	13288	752	0.99951	95384	78809	04381	810		
0.032	0.03199	45389	46280	11602	188	0.99948	80436	89175	38584	710		
0.033	0.03299	40108	26119	81908	762	0.99945	55494	11581	32936	824		
0.034	0.03399	34497	11951	44553	435	0.99942	20556	78521	14926	773		
0.035	0.03499	28546	04336	19281	702	0.99938	75625	23488	57581	460		
0.036	0.03599	22245	03869	25183	461	0.99935	20699	80976	76116	700		
0.037	0.03699	15584	11180	80633	489	0.99931	55780	86478	24487	902		
0.038	0.03799	08553	26937	03228	414	0.99927	80868	76484	91840	819		
0.039	0.03899	01142	51841	09720	085	0.99923	95963	88487	98862	358		
0.040	0.03998	93341	86634	15945	255	0.99920	01066	60977	94031	457		
0.041	0.04098	85141	32096	36751	449	0.99915	96177	33444	49770	040		
0.042	0.04198	76530	89047	85918	946	0.99911	81296	46376	58494	043		
0.043	0.04298	67500	58349	76078	755	0.99907	56424	41262	28564	524		
0.044	0.04398	58040	40905	18626	492	0.99903	21561	60588	80138	853		
0.045	0.04498	48140	37660	23632	066	0.99898	76708	47842	40921	992		
0.046	0.04598	37790	49604	99745	054	0.99894	21865	47508	41817	869		
0.047	0.04698	26980	77774	54095	689	0.99889	57033	05071	12480	849		
0.048	0.04798	15701	23249	92191	340	0.99884	82211	67013	76767	299		
0.049	0.04898	03941	87159	17808	403	0.99879	97401	80818	48087	272		
0.050	0.04997	91692	70678	32879	487	0.99875	02603	94966	24656	287		
			$\left[\begin{smallmatrix} (-9)6 \\ 7 \end{smallmatrix} \right]$						$\left[\begin{smallmatrix} (-7)1 \\ 7 \end{smallmatrix} \right]$			

For conversion from degrees to radians see Example 13.
 For use and extension of the table see Examples 15-17.
 From C. E. Van Orstrand, Tables of the exponential function and of the circular sine and cosine to radian arguments, Memoirs of the National Academy of Sciences, vol. 14, Fifth Memoir. U.S. Government Printing Office, Washington, D.C., 1921 (with permission). Known errors have been corrected.