

第二章 數理化

1. 文字和符號

希臘字母

符號	發音	符號	發音
A	α Alpha 阿爾法	N	ν Nu 努
B	β Beta 貝塔	Ξ	ξ Xi 希
Γ	γ Gamma 嘎馬	O	o Omicron 歐米可倫
Δ	δ Delta 台兒塔	Π	π Pi 派
E	ϵ Epsilon 衣布西龍	P	ρ Rho 羅
Z	ζ Zeta 塞塔	Σ	σ Sigma 西格馬
H	η Eta 哀塔	T	τ Tau 道
Θ	θ Theta 途塔	Y	υ Upsilon 阿帕西龍
I	ι Iota 藥塔	Φ	ϕ Phi 非
K	κ Kappa 卡帕	X	χ Chi 契
Λ	λ Lambda 蘭姆打	Ψ	ψ Psi 賽
M	μ Mu 末由	Ω	ω Omega 歐米嘎

羅馬數字

I	1	VI	6	L	50
II	2	VII	7	C	100
III	3	VIII	8	D	500
IV	4	IX	9	M	1000
V	5	X	10		

(例) XL=40, XC=90, MDCCCXIV=1814, MCMXLVII=1947

數學符號和常用略字

$+$	加、正數	$\parallel$ $//$	平行
$-$	減、負數	$!$	$5! = 1 \times 2 \times 3 \times 4 \times 5$
$\pm$ $\mp$	加或減、正或負	$^{\circ}$	度
$\times$	乘	$'$	分或呎
$\div$	除	$"$	秒或吋
$:$	比	$\int$	積分
$=$ $::$	相等	$\int_a^b$	定積分 (自 b 至 a)
$\approx$ $\cong$	略等	d	微分
$\equiv$	全等	$()$	小括弧
$\neq$	不等	$[]$	中括弧
$>$	大於	$\{ $	大括弧
$<$	小於	$—$	括線
$\nlessgtr$	不大於	$\triangle$	三角形
$\nlessgtr$	不小於	$\square$	正方形
$\equiv$	相等或大於	$\square$	平行四邊形
$\equiv$	相等或小於	$()$	圓弧
$\sim$	相似	π	圓周率
∞	無限大	$\%$	百分率
$\propto$	相應變化	r	半徑
$\sim$ 或 $-$	自……到……	ϕ	直徑
$\therefore$	因為	$^{\circ}\text{C}$	攝氏溫度數
$\therefore$	所以	$^{\circ}\text{F}$	華氏溫度數
$\sqrt{\quad}$	平方根	$\simeq$	毛坯
$\sqrt[3]{\quad}$	立方根	∇	加工記號
$\sqrt[n]{\quad}$	n 方根	$\sin$	正弦
a^2	a 的平方	$\cos$	餘弦
a^3	a 的立方	$\tan$ 或 tg	正切
a^n	a 的 n 方	$\cot$ 或 ctg	餘切
$\frac{1}{n}$	n 的倒數	$\sec$	正割
$\angle$	角	cosec 或 csc	餘割
$\perp$	直角	$\log$ 或 $\lg$	常用對數
$\perp$	垂直	$\ln$	自然對數

2. 對數表

第2-1表 對數表

真數											比例部份								
	0	1	2	3	4	5	6	7	8	9	1 2 3	4 5 6	7 8 9						
1.0	0060	0043	0036	0128	0170	0212	0253	0294	0334	0374	4 8 12	17 21 25	29 33 37						
1.1	0414	0453	0492	0531	0569	0607	0645	0682	0719	0755	4 8 11	15 19 23	26 30 34						
1.2	0792	0828	0864	0899	0934	0969	1004	1038	1072	1106	3 7 10	14 17 21	24 28 31						
1.3	1139	1173	1206	1239	1271	1303	1335	1367	1399	1430	3 6 10	13 16 19	23 26 29						
1.4	1461	1492	1523	1553	1584	1614	1644	1673	1703	1732	3 6 9	12 15 18	21 24 27						
1.5	1761	1790	1818	1847	1875	1903	1931	1959	1987	2014	3 6 8	11 14 17	20 22 25						
1.6	2041	2068	2095	2122	2148	2175	2201	2227	2253	2279	3 5 8	11 13 16	18 21 24						
1.7	2304	2330	2355	2380	2405	2430	2455	2480	2504	2529	2 5 7	10 12 15	17 20 22						
1.8	2553	2577	2601	2625	2648	2672	2695	2718	2742	2765	2 5 7	9 12 14	16 19 21						
1.9	2788	2810	2833	2856	2878	2900	2923	2945	2967	2989	2 4 7	9 11 13	16 18 20						
2.0	3010	3032	3054	3075	3096	3118	3139	3160	3181	3201	2 4 6	8 11 13	15 17 19						
2.1	3222	3243	3263	3284	3304	3324	3345	3365	3385	3404	2 4 6	8 10 12	14 16 18						
2.2	3424	3444	3464	3483	3502	3522	3541	3560	3579	3598	2 4 6	8 10 12	14 15 17						
2.3	3617	3636	3655	3674	3692	3711	3729	3747	3766	3784	2 4 6	7 9 11	13 15 17						
2.4	3802	3820	3838	3856	3874	3892	3909	3927	3945	3962	2 4 5	7 9 11	12 14 16						
2.5	3979	3997	4014	4031	4048	4065	4082	4099	4116	4133	2 3 5	7 9 10	12 14 15						
2.6	4150	4166	4183	4200	4216	4232	4249	4265	4281	4298	2 3 5	7 8 10	11 13 15						
2.7	4314	4330	4346	4362	4378	4393	4409	4425	4440	4456	2 3 5	6 8 9	11 12 14						
2.8	4472	4487	4502	4518	4533	4548	4564	4579	4594	4609	2 3 5	6 8 9	11 12 14						
2.9	4624	4639	4654	4669	4683	4698	4713	4728	4742	4757	1 3 4	6 7 9	10 12 13						
3.0	4771	4786	4800	4814	4829	4843	4857	4871	4885	4900	1 3 4	6 7 9	10 11 13						
3.1	4914	4929	4942	4955	4969	4983	4997	5011	5024	5038	1 3 4	6 7 8	10 11 12						
3.2	5051	5065	5079	5092	5105	5119	5132	5145	5159	5172	1 3 4	5 7 8	9 11 12						
3.3	5185	5198	5211	5224	5237	5250	5263	5276	5289	5302	1 3 4	5 6 8	9 10 12						
3.4	5315	5328	5340	5353	5366	5378	5391	5403	5416	5428	1 3 4	5 6 8	9 10 11						
3.5	5441	5453	5465	5478	5490	5502	5514	5527	5539	5551	1 2 4	5 6 7	9 10 11						
3.6	5563	5575	5587	5599	5611	5623	5635	5647	5658	5670	1 2 4	5 6 7	8 10 11						
3.7	5682	5694	5705	5717	5729	5740	5752	5763	5775	5786	1 2 3	5 6 7	8 9 10						
3.8	5798	5809	5821	5832	5843	5855	5866	5877	5888	5899	1 2 3	5 6 7	8 9 10						
3.9	5911	5922	5933	5944	5955	5966	5977	5988	5999	6010	1 2 3	4 5 7	8 9 10						
4.0	6021	6031	6042	6053	6064	6075	6085	6096	6107	6117	1 2 3	4 5 6	8 9 10						
4.1	6128	6138	6149	6160	6170	6180	6191	6201	6212	6222	1 2 3	4 5 6	7 8 9						
4.2	6232	6243	6253	6263	6274	6284	6294	6304	6314	6325	1 2 3	4 5 6	7 8 9						
4.3	6335	6345	6355	6365	6375	6385	6395	6405	6415	6425	1 2 3	4 5 6	7 8 9						
4.4	6435	6444	6454	6464	6474	6484	6493	6503	6513	6522	1 2 3	4 5 6	7 8 9						
4.5	6532	6542	6551	6561	6571	6580	6590	6599	6609	6618	1 2 3	4 5 6	7 8 9						
4.6	6628	6637	6646	6656	6665	6675	6684	6693	6702	6712	1 2 3	4 5 6	7 7 8						
4.7	6721	6730	6739	6749	6758	6767	6776	6785	6794	6803	1 2 3	4 5 5	6 7 8						
4.8	6812	6821	6830	6839	6848	6857	6865	6875	6884	6893	1 2 3	4 5 5	6 7 8						
4.9	6902	6911	6920	6929	6937	6946	6955	6964	6972	6981	1 2 3	4 4 5	6 7 8						
5.0	6990	6998	7007	7016	7024	7033	7042	7050	7059	7067	1 2 3	3 4 5	6 7 8						
5.1	7076	7084	7093	7101	7110	7118	7126	7135	7143	7152	1 2 3	3 4 5	6 7 8						
5.2	7160	7168	7177	7185	7193	7202	7210	7218	7226	7235	1 2 2	3 4 5	6 7 7						
5.3	7243	7251	7259	7267	7275	7284	7292	7300	7308	7316	1 2 2	3 4 5	6 6 7						
5.4	7324	7332	7340	7348	7356	7364	7372	7380	7388	7396	1 2 2	3 4 5	6 6 7						

 $\log \pi = 0.49714$ $\log e = 2.3025851 \times \log 10$

第2-1表 對數表(續)

真數											比例部份								
	0	1	2	3	4	5	6	7	8	9	1' 2 3	4 5 6	7 8 9						
5.5	7404	7412	7419	7427	7435	7443	7451	7459	7466	7474	1 2 2	3 4 5	5 6 7						
5.6	7482	7490	7497	7505	7513	7520	7528	7536	7543	7551	1 2 2	3 4 5	5 6 7						
5.7	7559	7566	7574	7582	7589	7597	7604	7612	7619	7627	1 2 2	3 4 5	5 6 7						
5.8	7634	7642	7649	7657	7664	7672	7679	7686	7694	7701	1 1 2	3 4 4	5 6 7						
5.9	7709	7716	7723	7731	7738	7745	7752	7760	7767	7774	1 1 2	3 4 4	5 6 7						
6.0	7782	7789	7796	7803	7810	7818	7825	7832	7839	7846	1 1 2	3 4 4	5 6 6						
6.1	7853	7860	7868	7875	7882	7889	7896	7903	7910	7917	1 1 2	3 4 4	5 6 6						
6.2	7924	7931	7938	7945	7952	7959	7966	7973	7980	7987	1 1 2	3 4 4	5 6 6						
6.3	7993	8000	8007	8014	8021	8028	8035	8041	8048	8055	1 1 2	3 4 4	5 6 6						
6.4	8062	8069	8075	8082	8089	8096	8102	8109	8116	8122	1 1 2	3 4 4	5 6 6						
6.5	8129	8136	8142	8149	8156	8162	8169	8176	8182	8189	1 1 2	3 4 4	5 6 6						
6.6	8195	8202	8209	8215	8222	8228	8235	8241	8248	8254	1 1 2	3 4 4	5 6 6						
6.7	8261	8267	8274	8280	8287	8293	8299	8306	8312	8319	1 1 2	3 4 4	5 6 6						
6.8	8325	8331	8338	8344	8351	8357	8363	8370	8376	8382	1 1 2	3 4 4	5 6 6						
6.9	8388	8395	8401	8407	8414	8420	8426	8433	8439	8445	1 1 2	2 3 4	4 5 6						
7.0	8451	8457	8463	8470	8476	8482	8488	8494	8500	8506	1 1 2	2 3 4	4 5 6						
7.1	8513	8519	8525	8531	8537	8543	8549	8555	8561	8567	1 1 2	2 3 4	4 5 6						
7.2	8573	8579	8585	8591	8597	8603	8609	8615	8621	8627	1 1 2	2 3 4	4 5 6						
7.3	8633	8639	8645	8651	8657	8663	8669	8675	8681	8686	1 1 2	2 3 4	4 5 6						
7.4	8692	8698	8704	8710	8716	8722	8727	8733	8739	8745	1 1 2	2 3 4	4 5 6						
7.5	8761	8766	8772	8778	8784	8789	8795	8799	8802	8806	1 1 2	2 3 3	4 5 5						
7.6	8808	8814	8820	8825	8831	8837	8842	8846	8854	8859	1 1 2	2 3 3	4 5 5						
7.7	8865	8871	8876	8882	8887	8893	8899	8904	8910	8915	1 1 2	2 3 3	4 5 5						
7.8	8921	8927	8932	8938	8943	8949	8954	8960	8965	8971	1 1 2	2 3 3	4 5 5						
7.9	8976	8982	8987	8993	8998	9004	9009	9015	9020	9025	1 1 2	2 3 3	4 5 5						
8.0	9031	9036	9042	9047	9053	9058	9063	9069	9074	9079	1 1 2	2 3 3	4 5 5						
8.1	9085	9090	9096	9101	9106	9112	9117	9122	9128	9133	1 1 2	2 3 3	4 5 5						
8.2	9138	9143	9149	9154	9159	9165	9170	9175	9180	9186	1 1 2	2 3 3	4 5 5						
8.3	9191	9196	9201	9206	9212	9217	9222	9227	9232	9238	1 1 2	2 3 3	4 5 5						
8.4	9243	9248	9253	9258	9263	9269	9274	9279	9284	9289	1 1 2	2 3 3	4 5 5						
8.5	9294	9299	9304	9309	9315	9320	9325	9330	9335	9340	1 1 2	2 3 3	4 5 5						
8.6	9345	9350	9355	9360	9365	9370	9375	9380	9385	9390	1 1 2	2 3 3	4 5 5						
8.7	9395	9400	9405	9410	9415	9420	9425	9430	9435	9440	0 1 1	2 2 3	3 4 4						
8.8	9445	9450	9455	9460	9465	9469	9474	9479	9484	9489	0 1 1	2 2 3	3 4 4						
8.9	9494	9499	9504	9509	9513	9518	9523	9528	9533	9538	0 1 1	2 2 3	3 4 4						
9.0	9542	9547	9552	9557	9562	9566	9571	9576	9581	9586	0 1 1	2 2 3	3 4 4						
9.1	9590	9595	9600	9605	9609	9614	9619	9624	9628	9633	0 1 1	2 2 3	3 4 4						
9.2	9638	9643	9647	9652	9657	9661	9666	9671	9675	9680	0 1 1	2 2 3	3 4 4						
9.3	9685	9689	9694	9699	9703	9708	9713	9717	9722	9727	0 1 1	2 2 3	3 4 4						
9.4	9731	9736	9741	9745	9750	9754	9759	9763	9768	9773	0 1 1	2 2 3	3 4 4						
9.5	9777	9782	9786	9791	9795	9800	9805	9809	9814	9818	0 1 1	2 2 3	3 4 4						
9.6	9823	9827	9832	9836	9841	9845	9850	9854	9859	9863	0 1 1	2 2 3	3 4 4						
9.7	9868	9872	9877	9881	9886	9890	9894	9899	9903	9908	0 1 1	2 2 3	3 4 4						
9.8	9912	9917	9921	9926	9930	9934	9939	9943	9948	9952	0 1 1	2 2 3	3 4 4						
9.9	9955	9961	9965	9969	9974	9978	9983	9987	9991	9996	0 1 1	2 2 3	3 4 4						

3. 數值函數表

第 2-2 表 數值函數表

數 值 N		N^2	N^3	$\sqrt{N}$	$\sqrt[3]{N}$	$N^{3/2}$	$\sqrt[5]{N}$	$\frac{1}{N}$	圓 (N = 直徑)	
分數	小數								圓周	面積
1/64	.015625	0.000244	3.81×10^{-6}	1.250	.2500	.00195	.4353	64.0	0.04909	.00019
1/32	.03125	.000972	3.05×10^{-4}	1.768	.3150	.09552	.5000	32.0	.09818	.00077
3/64	.046875	.002197	1.03×10^{-3}	2.165	.3606	.1015	.5422	21.3333	.14726	.00173
1/16	.0625	.003906	2.44×10^{-3}	.5000	.3968	.01563	.5744	16.0	.19695	.00307
5/64	.078125	.006104	4.77×10^{-3}	.2795	.4275	.02184	.6096	12.80	.24544	.00479
3/32	.09375	.008789	8.24×10^{-3}	.3062	.4543	.02871	.6229	10.6667	.29452	.00690
	.10	.010	.01000	.3162	.4642	.03162	.6310	10.0	.31416	.00785
7/64	.109375	.01196	.01308	.3307	.4782	.03617	.6424	9.1429	.34361	.00939
1/8	.125	.01563	.01953	.3536	.5000	.04419	.6598	8.0	.39270	.01227
9/64	.140625	.01978	.02782	.3750	.5200	.05273	.6755	7.1111	.44179	.01554
5/32	.15625	.02441	.03814	.3953	.5386	.06176	.6899	6.40	.49087	.01917
11/64	.171875	.02954	.05077	.4146	.5560	.07126	.7031	5.8182	.53996	.02230
8/16	.1875	.03516	.06699	.4380	.5784	.08119	.7166	5.3333	.58906	.02761
	.20	.040	.0800	.4472	.5848	.08944	.7248	5.0	.62832	.03142
13/64	.203125	.04126	.088381	.4507	.5878	.09155	.7270	4.9231	.63814	.03241
7/32	.21875	.04785	.10407	.4677	.6025	.10231	.7379	4.5714	.68722	.03758
15/64	.234375	.05493	.12087	.4841	.6166	.11347	.7481	4.2667	.73631	.04314
9/32	.28125	.0625	.13663	.5000	.6300	.12500	.7579	4.0	.78540	.04909
17/64	.265625	.07196	.16274	.5154	.6428	.13690	.7671	3.7647	.83448	.05542
4/8	.28125	.07910	.23225	.5303	.6552	.14916	.7759	3.5556	.88357	.06213
19/64	.296875	.08813	.26216	.5449	.6671	.16176	.7844	3.3684	.93266	.06922
	.30	.090	.270	.5477	.6694	.16432	.7860	3.3333	.94248	.07069
5/16	.3125	.09766	.30052	.5590	.6786	.17469	.7925	3.2000	.96176	.07670
21/64	.328125	.10767	.35333	.5728	.6897	.18796	.8002	3.0476	1.0308	.08456
11/32	.34375	.11816	.40662	.5863	.7005	.20154	.8077	2.9091	1.0799	.09281
23/64	.359375	.12915	.46441	.5995	.7110	.21544	.8149	2.7826	1.1290	.10143
8/8	.375	.14063	.52723	.6124	.7211	.22964	.8219	2.6667	1.1781	.11045
25/64	.390625	.15259	.59561	.6250	.7310	.24414	.8286	2.5600	1.2272	.11984
	.40	.16	.6400	.6325	.7368	.25298	.8326	2.50	1.2566	.12566
13/32	.40625	.16504	.67605	.6374	.7406	.25894	.8351	2.4615	1.2763	.12952
27/64	.421875	.17793	.70508	.6495	.7500	.27402	.8415	2.3704	1.3154	.13919
7/16	.4375	.19141	.85514	.6614	.7598	.28936	.8476	2.2897	1.3744	.15032
29/64	.453125	.20532	.90304	.6732	.7681	.30502	.8536	2.2669	1.4235	.16163
15/32	.46875	.21973	.10300	.6847	.7763	.32093	.8594	2.1333	1.4726	.17257
31/64	.484375	.23462	.11364	.6960	.7854	.33711	.8650	2.0645	1.5217	.18427
1/2	.50	.2500	.12500	.7071	.7937	.35355	.8706	2.0	1.5708	.19635
33/64	.515625	.26587	.13709	.7181	.8019	.37025	.8759	1.9394	1.6199	.20881
17/32	.53125	.28223	.14993	.7289	.8099	.38721	.8812	1.8824	1.6690	.22166
35/64	.546875	.29907	.16355	.7395	.8178	.40442	.8863	1.8286	1.7181	.23459
9/16	.5625	.31641	.17798	.7500	.8255	.42188	.8913	1.7778	1.7671	.24850
37/64	.578125	.33423	.19323	.7604	.8331	.43957	.8962	1.7297	1.8162	.26250
19/32	.59375	.35254	.20932	.7706	.8405	.45751	.9010	1.6842	1.8653	.27688
	.60	.3600	.21600	.7746	.8434	.46476	.9029	1.6667	1.8850	.28274
39/64	.609375	.37134	.22628	.7806	.8478	.47569	.9057	1.6410	1.9144	.29165
8/8	.625	.39063	.24414	.7906	.8550	.49410	.9103	1.6000	1.9635	.30680
41/64	.640625	.41040	.26291	.8004	.8621	.51275	.9148	1.5610	2.0126	.32233
21/32	.65625	.43066	.28262	.8101	.8690	.53162	.9192	1.5238	2.0617	.33824
43/64	.671875	.45142	.30350	.8197	.8759	.55072	.9235	1.4884	2.1108	.35454
11/16	.6875	.47366	.32495	.8297	.8826	.57005	.9273	1.4545	2.1698	.37123
	.70	.4900	.34300	.8367	.8879	.58566	.9312	1.4286	2.1991	.38485
45/64	.703125	.49438	.34751	.8385	.8892	.58959	.9320	1.4222	2.2089	.38829
23/32	.71875	.51560	.37131	.8478	.8958	.60935	.9361	1.3913	2.2580	.40574
47/64	.734375	.53911	.39605	.8570	.9022	.62993	.9401	1.3617	2.3071	.42357
3/4	.750	.56250	.42188	.8660	.9086	.64952	.9441	1.3333	2.3562	.44179
49/64	.765625	.58618	.44879	.8750	.9148	.66992	.9480	1.3061	2.4053	.46038
25/32	.78125	.61035	.47684	.8839	.9210	.69053	.9518	1.2800	2.4544	.47937
51/64	.796875	.63501	.50602	.8927	.9271	.71135	.9556	1.2549	2.5035	.49874
	.80	.6400	.51200	.8944	.9283	.71554	.9564	1.2500	2.5133	.50265
13/16	.8125	.66016	.53688	.9014	.9331	.72928	.9593	1.2308	2.5625	.51849
53/64	.828125	.68579	.56792	.9100	.9391	.75361	.9630	1.2075	2.6016	.53862
27/32	.84375	.71191	.60067	.9186	.9449	.77503	.9666	1.1852	2.6507	.55914
55/64	.859375	.73853	.63467	.9270	.9507	.79666	.9702	1.1636	2.6998	.58004
7/8	.875	.76563	.66998	.9364	.9565	.81848	.9737	1.1429	2.7489	.60182
57/64	.890625	.79321	.70645	.9437	.9621	.84051	.9771	1.1228	2.7980	.62299
	.90	.81000	.72900	.9487	.9655	.85435	.9792	1.1111	2.8274	.63617
29/32	.90625	.82129	.74429	.9520	.9677	.86272	.9805	1.1034	2.8471	.64504
59/64	.921875	.84895	.78246	.9601	.9733	.88143	.9839	1.0847	2.8962	.66747
15/16	.9375	.87891	.82396	.9683	.9787	.90773	.9872	1.0667	2.9452	.69028
.61/64	.953125	.89845	.86587	.9763	.9841	.93053	.9905	1.0492	2.9943	.71349
31/32	.96875	.93848	.90915	.9843	.9895	.95349	.9937	1.0323	3.0434	.73708
63/64	.984375	.96899	.95385	.9922	.9948	.97666	.9969	1.0159	3.0925	.76104

第2-2表 數值函數表 (續)

N	N ²	N ³	$\sqrt{N}$	$\frac{1}{\sqrt{N}}$	N ^{3/2}	$\frac{1}{N^{3/2}}$	$\frac{1}{N}$	圓 (N = 直徑)	
								圓周	面積
1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000000	1.0000000	3.1416	0.7854
1.125	1.2656	1.4238	1.0606	0.9400	1.1932	0.8488888	0.8488888	3.5343	0.9940
1.25	1.5625	1.9531	1.1180	0.8912	1.3975	0.7143333	0.7143333	4.3632	1.2272
1.375	1.8906	2.5996	1.1726	0.8524	1.6125	0.6202778	0.6202778	5.1979	1.4849
1.5	2.25	3.3750	1.2247	0.8165	1.8371	0.5443333	0.5443333	6.0417	1.7671
1.625	2.6406	4.2910	1.2748	0.7844	2.0715	0.4827778	0.4827778	6.8945	2.0739
1.75	3.0625	5.3594	1.3229	0.7559	2.3150	0.4319444	0.4319444	7.7563	2.4053
1.875	3.5156	6.5918	1.3693	0.7301	2.5675	0.3900000	0.3900000	8.6271	2.7612
2	4.0000	8.0000	1.4142	0.7071	2.8284	0.3535534	0.3535534	9.5070	3.1416
2.125	4.5156	9.5957	1.4577	0.6856	3.0977	0.3227778	0.3227778	10.3968	3.5466
2.25	5.0625	11.3906	1.5000	0.6667	3.3750	0.2966667	0.2966667	11.3069	3.9761
2.375	5.6406	13.3965	1.5411	0.6486	3.6601	0.2733333	0.2733333	12.2372	4.4301
2.5	6.2500	15.6250	1.5811	0.6325	3.9529	0.2527778	0.2527778	13.1881	4.9067
2.625	6.8906	18.0879	1.6202	0.6178	4.2530	0.2344444	0.2344444	14.1598	5.4119
2.75	7.5625	20.7969	1.6583	0.6041	4.5604	0.2181818	0.2181818	15.1526	5.9396
2.875	8.2656	23.7637	1.6956	0.5912	4.8748	0.2037037	0.2037037	16.1663	6.4918
3	9.0000	27.0000	1.7321	0.5774	5.1962	0.1911765	0.1911765	17.1910	7.0688
3.125	9.7656	30.5176	1.7678	0.5646	5.5243	0.1800000	0.1800000	18.2375	7.6699
3.25	10.5625	34.3281	1.8028	0.5525	5.8590	0.1700000	0.1700000	19.3060	8.2958
3.375	11.3906	38.4434	1.8371	0.5410	6.2003	0.1611765	0.1611765	20.3972	8.9462
3.5	12.2500	42.8750	1.8708	0.5300	6.5479	0.1533333	0.1533333	21.5119	9.6211
3.625	13.1406	47.6346	1.9039	0.5194	6.9018	0.1464444	0.1464444	22.6500	10.3206
3.75	14.0625	52.7344	1.9365	0.5092	7.2619	0.1404762	0.1404762	23.8117	11.0447
3.875	15.0156	58.1856	1.9685	0.5000	7.6279	0.1353333	0.1353333	24.9960	11.7932
4	16.0000	64.0000	2.0000	0.5000	8.0000	0.1250000	0.1250000	26.1944	12.5664
4.125	17.0156	70.1895	2.0310	0.4924	8.3779	0.1197778	0.1197778	27.4169	13.3640
4.25	18.0625	76.7656	2.0616	0.4854	8.7516	0.1150000	0.1150000	28.6636	14.1863
4.375	19.1406	83.7402	2.0916	0.4788	9.1210	0.1106667	0.1106667	29.9445	15.0330
4.5	20.2500	91.1250	2.1213	0.4726	9.5460	0.1066667	0.1066667	31.2599	15.9043
4.625	21.3906	98.9317	2.1506	0.4667	9.9465	0.1027778	0.1027778	32.6100	16.8001
4.75	22.5625	107.1719	2.1795	0.4611	10.3244	0.0990000	0.0990000	33.9949	17.7205
4.875	23.7656	115.8574	2.2079	0.4558	10.6897	0.0953333	0.0953333	35.4132	18.6655
5	25.0000	125.0000	2.2361	0.4509	11.1603	0.0918182	0.0918182	36.8650	19.6380
5.125	26.2656	134.6113	2.2638	0.4462	11.6022	0.0884444	0.0884444	38.3503	20.6289
5.25	27.5625	144.7031	2.2913	0.4418	12.0153	0.0852000	0.0852000	39.8693	21.6475
5.375	28.8906	155.2871	2.3184	0.4376	12.4098	0.0820769	0.0820769	41.4218	22.6906
5.5	30.2500	166.3750	2.3452	0.4335	12.8957	0.0790608	0.0790608	43.0079	23.7533
5.625	31.6406	177.9185	2.3717	0.4295	13.3630	0.0761538	0.0761538	44.6274	24.8350
5.75	33.0625	190.1094	2.3979	0.4256	13.8118	0.0733333	0.0733333	46.2793	25.9372
5.875	34.5156	202.9793	2.4238	0.4218	14.2400	0.0706111	0.0706111	47.9636	27.0605
6	36.0000	216.0000	2.4495	0.4181	14.6589	0.0680000	0.0680000	49.6800	28.2743
6.125	37.5156	229.7832	2.4749	0.4145	15.0596	0.0654944	0.0654944	51.4283	29.4647
6.25	39.0625	244.1400	2.5000	0.4110	15.4520	0.0630937	0.0630937	53.2086	30.6796
6.375	40.6406	259.0840	2.5249	0.4076	15.8361	0.0607844	0.0607844	55.0209	31.9190
6.5	42.2500	274.6250	2.5495	0.4043	16.2118	0.0585600	0.0585600	56.8652	33.1831
6.625	43.8906	290.7754	2.5739	0.4011	16.5792	0.0564204	0.0564204	58.7416	34.4716
6.75	45.5625	307.5469	2.5981	0.3980	16.9383	0.0543636	0.0543636	60.6500	35.7847
6.875	47.2656	324.9512	2.6220	0.3950	17.2897	0.0523871	0.0523871	62.5913	37.1223
7	49.0000	343.0000	2.6458	0.3921	17.6330	0.0504762	0.0504762	64.5656	38.4845
7.125	50.7656	361.7051	2.6693	0.3893	17.9683	0.0486250	0.0486250	66.5730	39.8712
7.25	52.5625	381.0781	2.6926	0.3865	18.2957	0.0468333	0.0468333	68.6135	41.2825
7.375	54.3906	401.1309	2.7157	0.3838	18.6152	0.0450938	0.0450938	70.6878	42.7183
7.5	56.2500	421.8750	2.7386	0.3811	18.9277	0.0434074	0.0434074	72.7960	44.1786
7.625	58.1406	443.3223	2.7613	0.3784	19.2332	0.0417727	0.0417727	74.9381	45.6635
7.75	60.0625	465.4844	2.7839	0.3758	19.5317	0.0401875	0.0401875	77.1142	47.1730
7.875	62.0156	488.3331	2.8063	0.3732	19.8232	0.0386515	0.0386515	79.3253	48.7069
8	64.0000	512.0000	2.8284	0.3707	20.1177	0.0371562	0.0371562	81.5714	50.2656
8.125	66.0156	536.3750	2.8504	0.3681	20.4152	0.0357077	0.0357077	83.8525	51.8495
8.25	68.0625	561.5156	2.8723	0.3655	20.7157	0.0343048	0.0343048	86.1696	53.4587
8.375	70.1406	587.4278	2.8949	0.3629	21.0192	0.0329463	0.0329463	88.5229	55.0933
8.5	72.2500	614.1250	2.9173	0.3603	21.3257	0.0316316	0.0316316	90.9134	56.7540
8.625	74.3906	641.6192	2.9396	0.3577	21.6352	0.0303604	0.0303604	93.3409	58.4422
8.75	76.5625	669.9219	2.9616	0.3551	21.9477	0.0291321	0.0291321	95.8054	60.1570
8.875	78.7656	699.0450	2.9791	0.3525	22.2632	0.0279463	0.0279463	98.3069	61.8983
9	81.0000	729.0000	3.0000	0.3500	22.5817	0.0268066	0.0268066	100.8444	63.6657
9.125	83.2656	759.7989	3.0207	0.3474	22.9032	0.0257111	0.0257111	103.4179	65.4600
9.25	85.5625	791.4531	3.0414	0.3448	23.2277	0.0246600	0.0246600	106.0274	67.2823
9.375	87.8906	823.9746	3.0619	0.3422	23.5552	0.0236522	0.0236522	108.6729	69.1326
9.5	90.2500	857.3750	3.0822	0.3396	23.8857	0.0226875	0.0226875	111.3544	71.0109
9.625	92.6406	891.6660	3.1024	0.3370	24.2192	0.0217654	0.0217654	114.0719	72.9172
9.75	95.0625	926.8594	3.1225	0.3344	24.5557	0.0208856	0.0208856	116.8254	74.8515
9.875	97.5156	962.9668	3.1425	0.3318	24.8952	0.0200479	0.0200479	119.6149	76.8136

第2-2表 數面數表(續)

N	N ²	N ³	$\sqrt{N}$	$\sqrt[3]{N}$	N ^{3/2}	$\frac{1}{\sqrt{N}}$	$\frac{1}{N}$	圓(N = 直徑)	
								圓周	面積
10	100	1000	3.1623	2.1544	31.623	1.5849	1.0000000	31.4169	78.5398
11	121	1331	3.3166	2.2240	36.483	1.6154	0.9090909	34.5575	95.0332
12	144	1728	3.4641	2.2894	41.569	1.6438	0.8333333	37.6991	113.0773
13	169	2197	3.6056	2.3513	46.873	1.6703	0.7692308	40.8407	132.7323
14	196	2744	3.7417	2.4101	52.384	1.6953	0.7142857	43.9825	153.9380
15	225	3375	3.8730	2.4662	58.095	1.7168	0.6666667	47.1239	176.7146
16	256	4096	4.0000	2.5198	64.000	1.7411	0.6250000	50.2654	201.0619
17	289	4913	4.1231	2.5713	70.093	1.7623	0.5882353	53.4070	226.9801
18	324	5832	4.2426	2.6207	76.367	1.7826	0.5555556	56.5486	254.4690
19	361	6859	4.3589	2.6684	82.819	1.8020	0.5263158	59.6902	283.5287
20	400	8000	4.4721	2.7144	89.442	1.8206	0.5000000	62.8318	314.1593
21	441	9261	4.5825	2.7589	96.235	1.8384	0.4761905	65.9734	346.3606
22	484	10648	4.6904	2.8020	103.19	1.8556	0.4545455	69.1150	380.1327
23	529	12167	4.7958	2.8439	110.30	1.8722	0.4347826	72.2565	415.4756
24	576	13824	4.8990	2.8845	117.58	1.8882	0.4166667	75.3982	452.3893
25	625	15625	5.0000	2.9240	125.00	1.9037	0.4000000	78.5398	490.8739
26	676	17576	5.0990	2.9625	132.57	1.9186	0.3846154	81.6813	530.9292
27	729	19683	5.1962	3.0000	140.30	1.9332	0.3703704	84.8229	572.5553
28	784	21952	5.2915	3.0366	148.16	1.9473	0.3571429	87.9645	615.7522
29	841	24389	5.3852	3.0723	156.17	1.9610	0.3448276	91.1061	660.5198
30	900	27000	5.4772	3.1072	164.32	1.9744	0.3333333	94.2477	706.8583
31	961	29791	5.5678	3.1414	172.60	1.9873	0.3225806	97.3893	754.7676
32	1024	32768	5.6569	3.1748	181.02	2.0000	0.3125000	100.5309	804.2477
33	1089	35937	5.7446	3.2075	189.57	2.0123	0.3030303	103.6725	855.2986
34	1156	39304	5.8310	3.2396	198.25	2.0244	0.2941176	106.8141	907.9203
35	1225	42875	5.9161	3.2711	207.06	2.0362	0.2857143	109.9557	962.1127
36	1296	46656	6.0000	3.3019	216.00	2.0477	0.2777778	113.0972	1017.8760
37	1369	50653	6.0828	3.3322	225.06	2.0589	0.2702703	116.2388	1075.2101
38	1444	54872	6.1644	3.3620	234.25	2.0699	0.2631579	119.3804	1134.1149
39	1521	59319	6.2450	3.3912	243.56	2.0807	0.2564103	122.5220	1194.5906
40	1600	64000	6.3246	3.4200	252.98	2.0913	0.2500000	125.6633	1256.6371
41	1681	68921	6.4031	3.4482	262.53	2.1016	0.2439024	128.8052	1320.2543
42	1764	74088	6.4807	3.4760	272.19	2.1118	0.2380952	131.9468	1385.4424
43	1849	79507	6.5574	3.5034	281.97	2.1218	0.2325581	135.0884	1452.2012
44	1936	85184	6.6332	3.5303	291.66	2.1315	0.2272727	138.2300	1520.5308
45	2025	91125	6.7082	3.5569	301.67	2.1411	0.2222222	141.3716	1590.4313
46	2116	97336	6.7823	3.5830	311.99	2.1506	0.2173913	144.5131	1661.9025
47	2209	103823	6.8557	3.6088	322.22	2.1598	0.2127660	147.6547	1734.9445
48	2304	110592	6.9282	3.6342	332.55	2.1689	0.2083333	150.7963	1809.5574
49	2401	117649	7.0000	3.6593	343.00	2.1779	0.2040816	153.9379	1885.7410
50	2500	125000	7.0711	3.6840	353.55	2.1867	0.2000000	157.0795	1963.5000
51	2601	132651	7.1414	3.7084	364.21	2.1954	0.1960784	160.2211	2042.8220
52	2704	140608	7.2111	3.7325	374.98	2.2039	0.1923077	163.3627	2123.7116
53	2809	148877	7.2801	3.7563	385.85	2.2124	0.1886792	166.5043	2206.163
54	2916	157464	7.3485	3.7798	396.82	2.2206	0.1851852	169.6459	2290.221
55	3025	166375	7.4162	3.8030	407.89	2.2288	0.1818182	172.7875	2375.829
56	3136	175616	7.4833	3.8259	419.07	2.2369	0.1785714	175.9290	2463.008
57	3249	185193	7.5508	3.8485	430.35	2.2448	0.1754386	179.0706	2551.758
58	3364	195112	7.6181	3.8709	441.72	2.2526	0.1724138	182.2122	2642.079
59	3481	205379	7.6851	3.8930	453.19	2.2603	0.1694915	185.3538	2733.970
60	3600	216000	7.7510	3.9149	464.76	2.2679	0.1666667	188.4954	2827.433
61	3721	226981	7.8162	3.9365	476.43	2.2755	0.1639344	191.6370	2922.466
62	3844	238328	7.8740	3.9579	488.19	2.2829	0.1612903	194.7786	3019.070
63	3969	250047	7.9323	3.9791	500.05	2.2902	0.1587302	197.9202	3117.245
64	4096	262144	8.0000	4.0000	512.00	2.2974	0.1562500	201.0618	3216.990
65	4225	274625	8.0623	4.0207	524.05	2.3045	0.1538462	204.2034	3318.307
66	4356	287496	8.1240	4.0412	536.19	2.3116	0.1515152	207.3449	3421.194
67	4489	300763	8.1854	4.0615	548.42	2.3186	0.1492537	210.4865	3525.652
68	4624	314432	8.2462	4.0817	560.74	2.3254	0.1470588	213.6281	3631.680
69	4761	328509	8.3066	4.1016	573.16	2.3322	0.1449275	216.7697	3739.280
70	4900	343000	8.3666	4.1213	585.66	2.3389	0.1428571	219.9113	3848.480
71	5041	357911	8.4261	4.1408	598.26	2.3456	0.1408451	223.0529	3959.191
72	5184	373248	8.4853	4.1602	610.94	2.3522	0.1388889	226.1945	4071.503
73	5329	389017	8.5440	4.1793	623.71	2.3587	0.1369863	229.3361	4185.386
74	5476	405224	8.6022	4.1983	636.57	2.3651	0.1351351	232.4777	4300.839
75	5625	421875	8.6603	4.2172	649.52	2.3714	0.1333333	235.6193	4417.864
76	5776	438976	8.7178	4.2358	662.55	2.3777	0.1315789	238.7608	4536.459
77	5929	456533	8.7750	4.2543	675.68	2.3840	0.1298701	241.9024	4656.623
78	6084	474552	8.8319	4.2727	688.88	2.3901	0.1282051	245.0440	4778.361
79	6241	493039	8.8882	4.2908	702.17	2.3962	0.1265823	248.1856	4901.669

第2-2表 數值函數表(續)

N	N ²	N ³	$\sqrt{N}$	$\sqrt[3]{N}$	N ^{3/2}	$\sqrt[5]{N}$	$\frac{1}{N}$	圓(N=直徑)	
								圓周	面積
80	6400	512000	8.9443	4.3089	715.54	2.4022	0.1250000	251.327	6026.567
81	6561	531441	9.0000	4.3267	729.00	2.4082	0.1234568	254.469	5152.998
82	6724	551368	9.0554	4.3445	742.54	2.4141	0.1219512	257.610	5281.016
83	6889	571767	9.1104	4.3621	756.17	2.4200	0.1204819	260.752	5410.607
84	7056	592704	9.1652	4.3795	769.88	2.4258	0.1190476	263.894	5541.270
85	7225	614125	9.2195	4.3968	783.66	2.4315	0.1176471	267.035	5674.501
86	7396	636056	9.2736	4.4140	797.53	2.4372	0.1162791	270.177	5808.808
87	7569	658503	9.3274	4.4310	811.49	2.4429	0.1149425	273.318	5944.679
88	7744	681472	9.3808	4.4480	825.52	2.4485	0.1136364	276.460	6082.124
89	7921	704969	9.4340	4.4647	839.63	2.4540	0.1123596	279.602	6221.138
90	8100	729000	9.4868	4.4814	853.82	2.4595	0.1111111	282.743	6361.735
91	8281	753571	9.5394	4.4979	868.09	2.4650	0.1098901	285.885	6503.882
92	8464	778668	9.5917	4.5144	882.44	2.4705	0.1086957	289.026	6647.610
93	8649	804357	9.6437	4.5307	896.86	2.4758	0.1075269	292.168	6792.909
94	8836	830584	9.6954	4.5468	911.36	2.4810	0.1063830	295.309	6939.778
95	9025	857375	9.7468	4.5629	925.95	2.4863	0.1052632	298.451	7088.219
96	9216	884736	9.7980	4.5789	940.61	2.4915	0.1041667	301.593	7238.230
97	9409	912673	9.8489	4.5947	955.34	2.4966	0.1030928	304.734	7389.812
98	9604	941192	9.8995	4.6104	970.15	2.5018	0.1020408	307.876	7542.961
99	9801	970299	9.9499	4.6261	985.04	2.5069	0.1010101	311.017	7697.688
100	10000	1000000	10.0000	4.6416	1000.0	2.5119	0.1000000	314.159	7853.982
101	10201	1030301	10.0499	4.6570	1015.0	2.5169	0.0990099	317.301	8011.85
102	10404	1061208	10.0995	4.6723	1030.1	2.5219	0.0980392	320.442	8171.28
103	10609	1092727	10.1489	4.6875	1045.3	2.5268	0.0970874	323.584	8332.29
104	10816	1124864	10.1980	4.7027	1060.6	2.5317	0.0961538	326.725	8494.87
105	11025	1157625	10.2470	4.7177	1075.9	2.5365	0.0952381	329.867	8659.01
106	11236	1191016	10.2956	4.7326	1091.3	2.5413	0.0943396	333.009	8824.73
107	11449	1225043	10.3441	4.7475	1106.8	2.5461	0.0934579	336.150	8992.02
108	11664	1259712	10.3923	4.7622	1122.4	2.5509	0.0925926	339.292	9160.88
109	11881	1295029	10.4403	4.7769	1138.0	2.5556	0.0917431	342.433	9331.32
110	12100	1331000	10.4881	4.7914	1153.7	2.5602	0.0909091	345.575	9503.83
111	12321	1367631	10.5357	4.8059	1169.5	2.5649	0.0900901	348.716	9676.89
112	12544	1404928	10.5830	4.8203	1185.3	2.5695	0.0892857	351.858	9852.03
113	12769	1442897	10.6301	4.8346	1201.2	2.5740	0.0884956	355.000	10028.75
114	12996	1481544	10.6771	4.8488	1217.2	2.5786	0.0877193	358.141	10207.03
115	13225	1520875	10.7238	4.8629	1233.2	2.5831	0.0869565	361.283	10386.89
116	13456	1560896	10.7703	4.8770	1249.4	2.5876	0.0862069	364.424	10568.32
117	13689	1601613	10.8167	4.8910	1265.5	2.5920	0.0854701	367.566	10751.31
118	13924	1643032	10.8628	4.9049	1281.8	2.5964	0.0847458	370.708	10935.88
119	14161	1685159	10.9087	4.9187	1298.1	2.6008	0.0840336	373.849	11122.02
120	14400	1728000	10.9548	4.9324	1314.6	2.6052	0.0833333	376.991	11309.73
121	14641	1771561	11.0000	4.9461	1331.0	2.6095	0.0826446	380.132	11499.01
122	14884	1815848	11.0454	4.9597	1347.5	2.6138	0.0819672	383.274	11689.86
123	15129	1860867	11.0905	4.9732	1364.1	2.6181	0.0813008	386.416	11882.29
124	15376	1906624	11.1355	4.9866	1380.8	2.6223	0.0806452	389.557	12076.28
125	15625	1953125	11.1803	5.0000	1397.5	2.6265	0.0800000	392.699	12271.84
126	15876	2000376	11.2250	5.0133	1414.4	2.6307	0.0793651	395.840	12468.98
127	16129	2048383	11.2694	5.0265	1431.2	2.6349	0.0787402	398.982	12667.68
128	16384	2097152	11.3137	5.0397	1448.2	2.6390	0.0781250	402.124	12867.96
129	16641	2146689	11.3578	5.0528	1465.2	2.6431	0.0775194	405.265	13069.81
130	16900	2197000	11.4018	5.0658	1482.3	2.6472	0.0769231	408.407	13273.33
131	17161	2248091	11.4455	5.0788	1499.4	2.6513	0.0763359	411.548	13478.22
132	17424	2299968	11.4891	5.0916	1516.6	2.6553	0.0757576	414.690	13684.77
133	17689	2352637	11.5326	5.1045	1533.8	2.6593	0.0751880	417.831	13892.91
134	17956	2406104	11.5758	5.1172	1551.2	2.6633	0.0746269	420.973	14102.61
135	18225	2460375	11.6190	5.1299	1568.6	2.6673	0.0740741	424.115	14313.88
136	18496	2515456	11.6619	5.1426	1586.0	2.6712	0.0735294	427.256	14526.72
137	18769	2571353	11.7047	5.1551	1603.6	2.6751	0.0729927	430.398	14741.14
138	19044	2628072	11.7473	5.1676	1621.1	2.6790	0.0724638	433.539	14957.12
139	19321	2685619	11.7898	5.1801	1638.8	2.6829	0.0719424	436.681	15174.67
140	19600	2744000	11.8322	5.1925	1656.5	2.6867	0.0714296	439.823	15393.80
141	19881	2803221	11.8743	5.2048	1674.3	2.6906	0.0709220	442.964	15614.50
142	20164	2863298	11.9164	5.2171	1691.1	2.6944	0.0704225	446.106	15836.77
143	20449	2924207	11.9583	5.2293	1708.0	2.6981	0.0700000	449.247	16060.60
144	20736	2985984	12.0000	5.2415	1725.0	2.7019	0.0694444	452.389	16285.01
145	21025	3048625	12.0416	5.2536	1742.0	2.7057	0.0689655	455.531	16512.99
146	21316	3112156	12.0830	5.2656	1764.1	2.7094	0.0684932	458.672	16741.54
147	21609	3176523	12.1244	5.2776	1782.2	2.7131	0.0680272	461.814	16971.67
148	21904	3241792	12.1655	5.2896	1800.5	2.7168	0.0675676	464.955	17203.36
149	22201	3307949	12.2066	5.3015	1818.8	2.7204	0.0671141	468.097	17436.62

第 2-2 表 數值函數表 (續)

N	N ²	N ³	$\sqrt{N}$	$\sqrt[3]{N}$	N ^{1/4}	$\sqrt[5]{N}$	$\frac{1}{N}$	圓 (N = 直徑)	
								圓周	面積
150	22500	3375000	12.2474	5.3133	1837.1	1.7241	0.00666667	471.239	17671.48
151	22801	3442951	12.2882	5.3251	1855.5	1.7277	0.00662252	474.380	17907.86
152	23104	3511808	12.3288	5.3368	1874.0	1.7314	0.00657895	477.522	18145.34
153	23409	3581577	12.3693	5.3485	1892.5	1.7350	0.00653595	480.663	18385.33
154	23716	3652264	12.4097	5.3601	1911.1	1.7385	0.00649351	483.805	18626.50
155	24025	3723875	12.4499	5.3717	1929.7	1.7420	0.00645161	486.946	18869.19
156	24336	3796416	12.4900	5.3832	1948.4	1.7455	0.00641026	490.088	19113.45
157	24649	3869893	12.5300	5.3947	1967.2	1.7490	0.00636943	493.230	19359.28
158	24964	3944312	12.5698	5.4061	1986.0	1.7525	0.00632911	496.371	19606.68
159	25281	4019679	12.6095	5.4175	2004.9	1.7560	0.00628931	499.513	19855.65
160	25600	4096000	12.6491	5.4288	2023.9	1.7595	0.00625000	502.654	20106.19
161	25921	4173281	12.6885	5.4401	2042.9	1.7629	0.00621118	505.796	20358.30
162	26244	4251528	12.7279	5.4514	2061.9	1.7663	0.00617284	508.938	20611.99
163	26569	4330747	12.7671	5.4626	2081.0	1.7697	0.00613497	512.079	20867.24
164	26896	4410944	12.8062	5.4737	2100.2	1.7731	0.00609756	515.221	21124.06
165	27225	4492125	12.8452	5.4848	2119.5	1.7765	0.00606061	518.362	21382.46
166	27556	4574296	12.8841	5.4959	2138.8	1.7799	0.00602410	521.504	21642.43
167	27889	4657463	12.9228	5.5069	2158.1	1.7832	0.00598802	524.646	21903.96
168	28224	4741632	12.9615	5.5178	2177.5	1.7865	0.00595238	527.787	22167.07
169	28561	4826800	13.0000	5.5288	2197.0	1.7898	0.00591716	530.929	22431.75
170	28900	4913000	13.0384	5.5397	2216.5	1.7931	0.00588235	534.070	22698.00
171	29241	5000211	13.0767	5.5505	2236.1	1.7964	0.00584795	537.212	22965.82
172	29584	5088448	13.1149	5.5613	2255.8	1.7997	0.00581395	540.353	23235.21
173	29929	5177717	13.1529	5.5721	2275.5	1.8029	0.00578035	543.495	23506.18
174	30276	5268024	13.1909	5.5828	2295.2	1.8061	0.00574713	546.637	23778.71
175	30625	5359375	13.2288	5.5934	2315.0	1.8094	0.00571429	549.778	24052.81
176	30976	5451776	13.2665	5.6041	2334.9	1.8126	0.00568182	552.920	24328.49
177	31329	5545233	13.3041	5.6147	2354.8	1.8158	0.00564972	556.061	24605.73
178	31684	5639752	13.3417	5.6252	2374.8	1.8189	0.00561798	559.203	24884.55
179	32041	5735339	13.3791	5.6357	2394.9	1.8221	0.00558659	562.345	25164.94
180	32400	5832000	13.4164	5.6462	2415.0	1.8252	0.00555556	565.486	25445.90
181	32761	5929741	13.4536	5.6567	2435.1	1.8284	0.00552486	568.628	25730.42
182	33124	6028568	13.4907	5.6671	2455.3	1.8315	0.00549451	571.769	26015.52
183	33489	6128487	13.5277	5.6774	2475.6	1.8346	0.00546448	574.911	26302.19
184	33856	6229504	13.5647	5.6877	2495.9	1.8377	0.00543478	578.053	26590.43
185	34225	6331623	13.6015	5.6980	2516.3	1.8408	0.00540541	581.194	26880.25
186	34596	6434856	13.6382	5.7083	2536.7	1.8438	0.00537634	584.336	27171.63
187	34969	6539203	13.6748	5.7185	2557.2	1.8469	0.00534759	587.477	27464.58
188	35344	6644672	13.7113	5.7287	2577.7	1.8499	0.00531915	590.619	27759.11
189	35721	6751269	13.7477	5.7388	2598.3	1.8529	0.00529101	593.761	28055.20
190	36100	6859000	13.7840	5.7489	2619.0	1.8560	0.00526316	596.902	28352.87
191	36481	6967871	13.8203	5.7590	2639.7	1.8590	0.00523560	600.044	28652.10
192	36864	7077888	13.8564	5.7690	2660.4	1.8619	0.00520833	603.185	28952.91
193	37249	7189057	13.8924	5.7790	2681.2	1.8649	0.00518135	606.327	29255.29
194	37636	7301384	13.9284	5.7890	2702.1	1.8679	0.00515464	609.468	29559.24
195	38025	7414875	13.9642	5.7989	2723.0	1.8708	0.00512821	612.610	29864.76
196	38416	7529536	14.0000	5.8088	2744.0	1.8738	0.00510204	615.752	30171.85
197	38809	7645373	14.0357	5.8186	2765.0	1.8767	0.00507614	618.893	30480.51
198	39204	7762392	14.0712	5.8285	2786.1	1.8796	0.00505051	622.035	30790.74
199	39601	7880599	14.1067	5.8383	2807.2	1.8825	0.00502513	625.176	31102.55
200	40000	8000000	14.1421	5.8480	2828.4	1.8854	0.00500000	628.318	31415.87
201	40401	8120601	14.1775	5.8578	2849.7	1.8883	0.00497512	631.460	31730.87
202	40804	8242408	14.2127	5.8675	2871.0	1.8911	0.00495050	634.601	32047.39
203	41209	8365427	14.2478	5.8771	2892.3	1.8940	0.00492611	637.743	32365.47
204	41616	8489664	14.2829	5.8868	2913.7	1.8968	0.00490196	640.884	32685.13
205	42025	8615125	14.3178	5.8964	2935.2	1.8997	0.00487805	644.026	33006.36
206	42436	8741816	14.3527	5.9059	2956.7	1.9025	0.00485437	647.168	33329.16
207	42849	8869743	14.3875	5.9155	2978.2	1.9053	0.00483092	650.309	33653.53
208	43264	8998912	14.4222	5.9250	2999.8	1.9081	0.00480769	653.451	33979.47
209	43681	9129329	14.4568	5.9345	3021.5	1.9109	0.00478469	656.592	34306.98
210	44100	9261000	14.4914	5.9439	3043.2	1.9137	0.00476190	659.734	34636.06
211	44521	9393931	14.5258	5.9533	3065.0	1.9165	0.00473934	662.875	34966.71
212	44944	9528128	14.5602	5.9627	3086.8	1.9192	0.00471698	666.017	35298.94
213	45369	9663597	14.5945	5.9721	3108.7	1.9220	0.00469484	669.159	35632.73
214	45796	9800344	14.6287	5.9814	3130.6	1.9247	0.00467290	672.300	35968.09
215	46225	9938375	14.6629	5.9907	3152.5	1.9274	0.00465116	675.442	36305.03
216	46656	10077696	14.6969	6.0000	3174.5	1.9302	0.00462963	678.583	36643.54
217	47089	10218313	14.7309	6.0092	3196.6	1.9329	0.00460829	681.725	36983.61
218	47524	10360232	14.7648	6.0185	3218.7	1.9356	0.00458716	684.867	37325.26
219	47961	10503459	14.7986	6.0277	3240.9	1.9383	0.00456621	688.008	37668.48

第2-2表 數值函數表(續)

N	N ²	N ³	$\sqrt{N}$	$\sqrt[3]{N}$	N ^{1/2}	$\sqrt[6]{N}$	$\frac{1}{N}$	圓(V=直徑)	
								圓周	面積
220	48400	10648000	14.8324	6.0368	3263.1	2.9409	0.00454616	691.160	38018.27
221	48841	10791861	14.8661	6.0459	3285.4	2.9436	0.00452489	694.291	38359.63
222	49284	10941448	14.8997	6.0550	3307.7	2.9463	0.00450450	697.433	38707.56
223	49729	11089567	14.9332	6.0641	3330.1	2.9489	0.00448450	700.575	39057.07
224	50176	11239424	14.9666	6.0732	3352.5	2.9516	0.00446429	703.716	39408.15
225	50625	11390625	15.0000	6.0822	3375.0	2.9542	0.00444444	706.858	39760.78
226	51076	11543176	15.0333	6.0912	3397.5	2.9568	0.00442478	709.999	40115.00
227	51529	11697083	15.0665	6.1002	3420.1	2.9594	0.00440529	713.141	40470.78
228	51984	11852352	15.0997	6.1091	3442.7	2.9620	0.00438596	716.283	40828.14
229	52441	12009899	15.1327	6.1180	3465.4	2.9646	0.00436681	719.424	41187.07
330	52900	12167000	15.1658	6.1269	3488.1	2.9672	0.00434783	722.566	41547.56
231	53361	12326391	15.1987	6.1358	3510.9	2.9698	0.00432900	725.707	41909.63
232	53824	12487168	15.2315	6.1446	3533.7	2.9723	0.00431034	728.849	42273.27
233	54289	12649337	15.2643	6.1534	3556.6	2.9749	0.00429185	731.990	42638.48
234	54756	12812904	15.2971	6.1622	3579.5	2.9774	0.00427350	735.132	43005.26
235	55225	12977875	15.3297	6.1710	3602.5	2.9800	0.00425532	738.274	43373.61
236	55696	13144256	15.3623	6.1797	3625.5	2.9825	0.00423729	741.415	43743.54
237	56169	13312053	15.3948	6.1885	3648.6	2.9850	0.00421941	744.557	44115.03
238	56644	13481272	15.4272	6.1972	3671.7	2.9875	0.00420168	747.698	44488.09
239	57121	13651919	15.4596	6.2058	3694.8	2.9900	0.00418410	750.840	44862.73
240	57600	13824000	15.4919	6.2145	3718.0	2.9925	0.00416667	753.982	45238.93
241	58081	13997521	15.5242	6.2231	3741.3	2.9950	0.00414938	757.123	45616.71
242	58564	14172488	15.5563	6.2317	3764.6	2.9975	0.00413223	760.265	45996.06
243	59049	14348997	15.5885	6.2403	3788.0	3.0000	0.00411523	763.406	46376.98
244	59536	14526784	15.6205	6.2488	3811.4	3.0025	0.00409836	766.548	46759.57
245	60025	14706125	15.6525	6.2573	3834.9	3.0049	0.00408163	769.690	47143.52
246	60516	14886926	15.6844	6.2658	3858.4	3.0074	0.00406504	772.831	47529.16
247	61009	15069223	15.7162	6.2743	3881.9	3.0098	0.00404858	775.973	47916.36
248	61504	15252992	15.7480	6.2828	3905.5	3.0122	0.00403226	779.114	48305.13
249	62001	15438249	15.7797	6.2912	3929.2	3.0147	0.00401606	782.256	48695.47
350	62500	15625000	15.8114	6.2996	3952.9	3.0171	0.00400000	785.398	49087.39
251	63001	15813251	15.8430	6.3080	3976.6	3.0195	0.00398406	788.539	49480.87
252	63504	16003008	15.8745	6.3164	4000.4	3.0219	0.00396825	791.681	49875.92
253	64009	16194277	15.9060	6.3247	4024.2	3.0243	0.00395257	794.822	50272.55
254	64516	16387064	15.9374	6.3330	4048.1	3.0267	0.00393701	797.964	50670.75
255	65025	16581375	15.9687	6.3413	4072.0	3.0291	0.00392157	801.105	51070.52
256	65536	16777216	16.0000	6.3496	4096.0	3.0314	0.00390625	804.247	51471.85
257	66049	16974593	16.0312	6.3579	4120.0	3.0338	0.00389105	807.389	51874.74
258	66564	17173512	16.0624	6.3661	4144.1	3.0362	0.00387597	810.530	52279.24
259	67081	17373979	16.0935	6.3743	4168.2	3.0385	0.00386100	813.672	52685.29
260	67600	17576000	16.1245	6.3826	4192.4	3.0408	0.00384616	816.813	53092.92
261	68121	17779581	16.1555	6.3907	4216.6	3.0432	0.00383142	819.955	53502.11
262	68644	17984728	16.1864	6.3988	4240.8	3.0455	0.00381679	823.097	53912.87
263	69169	18191447	16.2173	6.4070	4265.1	3.0478	0.00380223	826.238	54325.21
264	69696	18399744	16.2481	6.4151	4289.5	3.0501	0.00378773	829.380	54739.11
265	70225	18609625	16.2788	6.4232	4313.9	3.0524	0.00377329	832.521	55154.59
266	70756	18821096	16.3093	6.4312	4338.3	3.0547	0.00375892	835.663	55571.63
267	71289	19034169	16.3401	6.4393	4362.8	3.0570	0.00374462	838.805	55990.25
268	71824	19248833	16.3707	6.4473	4387.3	3.0593	0.00373038	841.946	56410.44
269	72361	19465109	16.4012	6.4553	4411.9	3.0616	0.00371619	845.088	56832.20
270	72900	19682000	16.4317	6.4633	4436.5	3.0639	0.00370205	848.229	57255.53
271	73441	19900513	16.4621	6.4713	4461.2	3.0662	0.00368796	851.371	57680.63
272	73984	20120648	16.4924	6.4792	4485.9	3.0685	0.00367392	854.512	58106.90
273	74529	20342417	16.5227	6.4872	4510.7	3.0707	0.00366000	857.654	58534.94
274	75076	20565824	16.5529	6.4951	4535.5	3.0729	0.00364616	860.796	58964.55
275	75625	20790875	16.5831	6.5030	4560.4	3.0752	0.00363236	863.937	59395.74
276	76176	21017576	16.6132	6.5108	4585.3	3.0774	0.00361861	867.079	59828.49
277	76729	21245929	16.6433	6.5187	4610.2	3.0796	0.00360491	870.220	60262.82
278	77284	21475932	16.6733	6.5265	4635.2	3.0818	0.00359125	873.362	60698.71
279	77841	21707593	16.7033	6.5343	4660.2	3.0840	0.00357763	876.504	61136.18
380	78400	21940000	16.7582	6.5421	4685.2	3.0863	0.00356405	879.645	61575.82
281	78961	22174169	16.7881	6.5499	4710.4	3.0885	0.00355052	882.787	62017.62
282	79524	22419968	16.8179	6.5577	4735.6	3.0907	0.00353703	885.928	62461.08
283	80089	22667409	16.8476	6.5654	4760.8	3.0929	0.00352357	889.070	62907.15
284	80656	22916504	16.8773	6.5731	4786.0	3.0950	0.00351013	892.212	63355.97
285	81225	23167253	16.9069	6.5808	4811.3	3.0972	0.00349672	895.353	63807.57
286	81796	23419656	16.9364	6.5885	4836.7	3.0994	0.00348333	898.495	64262.43
287	82369	23673709	16.9659	6.5962	4862.1	3.1015	0.00346995	901.636	64720.46
288	82944	23929424	16.9953	6.6039	4887.5	3.1037	0.00345659	904.778	65181.47
289	83521	24186793	17.0247	6.6115	4913.0	3.1058	0.00344325	907.920	65645.26

第2-2表 數值函數表 (續)

N	N ²	N ³	$\sqrt{N}$	$\frac{1}{\sqrt{N}}$	N ² /2	$\frac{1}{N}$	$\frac{1}{N^2}$	圓 (N = 直徑)	
								圓周	面積
290	84100	24389000	17.0294	6.6191	4938.5	3.1030	.00346629	911.061	66051.99
291	84681	24642171	17.0387	6.6267	4964.1	3.1101	.00343643	914.203	66503.30
292	85264	24897028	17.0880	6.6343	4989.7	3.1173	.00340656	917.344	66956.19
293	85849	25153727	17.1172	6.6419	5015.4	3.1244	.00337669	920.486	67425.65
294	86436	25412154	17.1464	6.6494	5041.1	3.1315	.00334682	923.627	67896.68
295	87025	25672375	17.1756	6.6569	5066.8	3.1386	.00331695	926.769	68369.28
296	87616	25934336	17.2047	6.6644	5092.6	3.1457	.00328708	929.911	68843.45
297	88209	26198073	17.2337	6.6719	5118.4	3.1528	.00325721	933.052	69319.19
298	88804	26463592	17.2627	6.6794	5144.3	3.1599	.00322734	936.194	69796.50
299	89401	26730899	17.2916	6.6869	5170.2	3.1670	.00319747	939.335	70275.38
300	90000	27000000	17.3205	6.6943	5196.2	3.1741	.00316760	942.477	70756.83
301	90601	27270901	17.3494	6.7018	5222.2	3.1812	.00313773	945.619	71240.84
302	91204	27543608	17.3781	6.7092	5248.2	3.1883	.00310786	948.760	71727.41
303	91809	27818127	17.4069	6.7166	5274.3	3.1954	.00307799	951.902	72216.62
304	92416	28094464	17.4356	6.7240	5300.4	3.2025	.00304812	955.043	72708.56
305	93025	28372625	17.4642	6.7313	5326.6	3.2096	.00301825	958.185	73203.21
306	93636	28652616	17.4929	6.7387	5352.8	3.2167	.00298838	961.327	73700.64
307	94249	28934443	17.5214	6.7460	5379.1	3.2238	.00295851	964.469	74200.99
308	94864	29218112	17.5499	6.7533	5405.4	3.2309	.00292864	967.610	74704.26
309	95481	29503629	17.5784	6.7606	5431.7	3.2380	.00289877	970.751	75209.46
310	96100	29791000	17.6068	6.7679	5458.1	3.2451	.00286890	973.893	75716.62
311	96721	30080231	17.6352	6.7752	5484.5	3.2522	.00283903	977.034	76225.84
312	97344	30371328	17.6635	6.7824	5511.0	3.2593	.00280916	980.176	76737.11
313	97969	30664297	17.6918	6.7897	5537.5	3.2664	.00277929	983.318	77250.44
314	98596	30959144	17.7200	6.7969	5564.1	3.2735	.00274942	986.459	77765.82
315	99225	31255875	17.7482	6.8041	5590.7	3.2806	.00271955	989.601	78283.25
316	99856	31554496	17.7764	6.8113	5617.3	3.2877	.00268968	992.742	78802.72
317	100489	31855013	17.8045	6.8185	5644.0	3.2948	.00265981	995.883	79324.24
318	101124	32157432	17.8326	6.8256	5670.7	3.3019	.00262994	999.024	79847.81
319	101761	32461759	17.8606	6.8328	5697.5	3.3090	.00260007	1002.165	80373.42
320	102400	32768000	17.8885	6.8399	5724.3	3.3161	.00257020	1005.306	80901.07
321	103041	33076161	17.9165	6.8470	5751.2	3.3232	.00254033	1008.447	81430.76
322	103684	33386248	17.9444	6.8541	5778.1	3.3303	.00251046	1011.588	81962.51
323	104329	33698267	17.9722	6.8612	5805.0	3.3374	.00248059	1014.729	82496.30
324	104976	34012224	18.0000	6.8683	5832.0	3.3445	.00245072	1017.870	83032.14
325	105625	34328125	18.0278	6.8753	5859.0	3.3516	.00242085	1021.011	83570.03
326	106276	34645976	18.0555	6.8824	5886.1	3.3587	.00239098	1024.152	84110.06
327	106929	34965783	18.0831	6.8894	5913.2	3.3658	.00236111	1027.293	84652.21
328	107584	35287552	18.1108	6.8964	5940.3	3.3729	.00233124	1030.434	85196.50
329	108241	35611289	18.1384	6.9034	5967.5	3.3800	.00230137	1033.575	85742.93
330	108900	35937000	18.1659	6.9104	5994.7	3.3871	.00227150	1036.716	86291.50
331	109561	36264691	18.1934	6.9174	6022.0	3.3942	.00224163	1039.857	86842.21
332	110224	36594368	18.2209	6.9244	6049.3	3.4013	.00221176	1042.998	87395.06
333	110889	36926037	18.2483	6.9313	6076.7	3.4084	.00218189	1046.139	87950.05
334	111556	37259704	18.2757	6.9382	6104.1	3.4155	.00215202	1049.280	88507.18
335	112225	37595375	18.3030	6.9451	6131.5	3.4226	.00212215	1052.421	89066.44
336	112896	37933056	18.3303	6.9521	6159.0	3.4297	.00209228	1055.562	89627.84
337	113569	38272753	18.3576	6.9589	6186.5	3.4368	.00206241	1058.703	90191.39
338	114244	38614472	18.3848	6.9658	6214.1	3.4439	.00203254	1061.844	90757.00
339	114921	38958219	18.4120	6.9727	6241.7	3.4510	.00200267	1064.985	91324.74
340	115600	39303900	18.4391	6.9795	6269.3	3.4581	.00197280	1068.126	91894.62
341	116281	39651621	18.4662	6.9864	6297.0	3.4652	.00194293	1071.267	92466.64
342	116964	40001388	18.4932	6.9932	6324.7	3.4723	.00191306	1074.408	93040.81
343	117649	40353167	18.5203	7.0000	6352.4	3.4794	.00188319	1077.549	93617.14
344	118336	40706984	18.5472	7.0068	6380.2	3.4865	.00185332	1080.690	94195.62
345	119025	41063825	18.5742	7.0136	6408.1	3.4936	.00182345	1083.831	94776.24
346	119716	41423736	18.6011	7.0203	6436.0	3.5007	.00179358	1086.972	95359.00
347	120409	41786723	18.6279	7.0271	6463.9	3.5078	.00176371	1090.113	95943.91
348	121104	42151792	18.6548	7.0338	6491.9	3.5149	.00173384	1093.254	96531.06
349	121801	42518949	18.6815	7.0406	6519.9	3.5220	.00170397	1096.395	97120.45
350	122500	42888100	18.7083	7.0473	6547.9	3.5291	.00167410	1099.536	97712.00
351	123201	43259351	18.7350	7.0540	6576.0	3.5362	.00164423	1102.677	98305.71
352	123904	43632708	18.7617	7.0607	6604.1	3.5433	.00161436	1105.818	98901.58
353	124609	43998177	18.7883	7.0674	6632.3	3.5504	.00158449	1108.959	99499.62
354	125316	44365766	18.8149	7.0740	6660.5	3.5575	.00155462	1112.100	100099.83
355	126025	44735481	18.8414	7.0807	6688.7	3.5646	.00152475	1115.241	100702.19
356	126736	45107328	18.8680	7.0873	6717.0	3.5717	.00149488	1118.382	101306.70
357	127449	45481313	18.8944	7.0940	6745.3	3.5788	.00146501	1121.523	101913.36
358	128164	45857442	18.9209	7.1006	6773.7	3.5859	.00143514	1124.664	102522.17
359	128881	46235719	18.9473	7.1072	6802.1	3.5930	.00140527	1127.805	103133.22

第2-2表 數值函數表(續)

N	N ²	N ³	$\sqrt{N}$	$\frac{1}{\sqrt{N}}$	N ^{3/2}	$\frac{1}{N}$	$\frac{1}{N^2}$	圓 N = 直徑	
								圓周	面積
360	129600	46656000	18.9737	7.1138	6830.5	3.3453	0.0277778	1130.972	101787.60
361	130321	47045881	19.0000	7.1204	6859.0	3.2471	0.0277008	1134.114	102353.87
362	131044	47437928	19.0263	7.1269	6887.5	3.2489	0.0276243	1137.256	102921.72
363	131769	47832147	19.0526	7.1335	6916.1	3.2507	0.0275482	1140.397	103491.13
364	132496	48228544	19.0788	7.1400	6944.7	3.2525	0.0274725	1143.539	104062.12
365	133225	48627125	19.1050	7.1466	6973.3	3.2543	0.0273973	1146.680	104634.67
366	133956	49027896	19.1311	7.1531	7002.0	3.2561	0.0273224	1149.821	105208.80
367	134689	49430863	19.1572	7.1596	7030.7	3.2579	0.0272480	1152.964	105784.49
368	135424	49836032	19.1833	7.1661	7059.5	3.2597	0.0271739	1156.105	106361.76
369	136161	50243405	19.2094	7.1726	7088.3	3.2614	0.0271003	1159.247	106940.60
370	136900	50653506	19.2354	7.1791	7117.1	3.2632	0.0270270	1162.388	107521.01
371	137641	51064811	19.2614	7.1855	7146.0	3.2650	0.0269542	1165.530	108102.99
372	138384	51478848	19.2873	7.1920	7174.9	3.2668	0.0268817	1168.671	108686.54
373	139129	51895117	19.3132	7.1984	7203.9	3.2685	0.0268097	1171.813	109271.66
374	139876	52313624	19.3391	7.2048	7232.8	3.2702	0.0267380	1174.955	109858.35
375	140625	52734375	19.3648	7.2112	7261.8	3.2719	0.0266667	1178.096	110447.62
376	141376	53157376	19.3907	7.2177	7290.9	3.2737	0.0265957	1181.238	111036.45
377	142129	53582633	19.4165	7.2240	7320.0	3.2754	0.0265252	1184.379	111627.86
378	142884	54010152	19.4422	7.2304	7349.2	3.2772	0.0264550	1187.521	112220.83
379	143641	54439939	19.4679	7.2368	7378.4	3.2789	0.0263852	1190.663	112815.38
380	144400	54872000	19.4936	7.2432	7407.6	3.2807	0.0263158	1193.804	113411.49
381	145161	55306341	19.5192	7.2495	7436.8	3.2824	0.0262467	1196.946	114009.18
382	145924	55742968	19.5448	7.2558	7466.1	3.2841	0.0261778	1200.087	114608.44
383	146689	56181887	19.5704	7.2622	7495.4	3.2858	0.0261090	1203.229	115209.27
384	147456	56623104	19.5959	7.2685	7524.8	3.2875	0.0260407	1206.371	115811.67
385	148225	57066625	19.6214	7.2748	7554.2	3.2892	0.0259740	1209.512	116415.64
386	148996	57512456	19.6469	7.2811	7583.7	3.2909	0.0259067	1212.654	117021.18
387	149769	57960603	19.6723	7.2874	7613.2	3.2926	0.0258398	1215.795	117628.30
388	150544	58411072	19.6977	7.2936	7642.7	3.2943	0.0257732	1218.937	118236.90
389	151321	58863869	19.7231	7.2999	7672.3	3.2960	0.0257069	1222.079	118847.24
390	152100	59319000	19.7486	7.3061	7701.9	3.2977	0.0256410	1225.220	119459.06
391	152881	59776741	19.7737	7.3124	7731.5	3.2994	0.0255754	1228.362	120072.46
392	153664	60236288	19.7990	7.3186	7761.2	3.3011	0.0255102	1231.503	120687.41
393	154449	60698457	19.8242	7.3248	7790.9	3.3028	0.0254453	1234.645	121303.96
394	155236	61162984	19.8494	7.3310	7820.7	3.3045	0.0253807	1237.786	121922.07
395	156025	61629875	19.8746	7.3372	7850.5	3.3061	0.0253165	1240.928	122541.75
396	156816	62099136	19.8997	7.3434	7880.3	3.3078	0.0252525	1244.070	123163.00
397	157609	62570773	19.9249	7.3496	7910.2	3.3095	0.0251889	1247.211	123785.82
398	158404	63044792	19.9499	7.3558	7940.1	3.3111	0.0251256	1250.353	124410.21
399	159201	63521199	19.9750	7.3619	7970.0	3.3128	0.0250627	1253.494	125036.17
400	160000	64000000	20.0000	7.3681	8000.0	3.3146	0.0250000	1256.636	125663.71
401	160801	64481201	20.0250	7.3742	8030.0	3.3161	0.0249377	1259.778	126292.81
402	161604	64964808	20.0499	7.3803	8061.1	3.3178	0.0248756	1262.919	126923.48
403	162409	65450827	20.0749	7.3864	8092.2	3.3194	0.0248139	1266.061	127555.73
404	163216	65939264	20.0998	7.3925	8123.3	3.3211	0.0247525	1269.202	128189.55
405	164025	66430125	20.1246	7.3986	8154.5	3.3227	0.0246914	1272.344	128824.93
406	164836	66923416	20.1494	7.4047	8185.7	3.3243	0.0246305	1275.486	129461.89
407	165649	67419143	20.1742	7.4108	8216.9	3.3260	0.0245698	1278.627	130100.42
408	166464	67917312	20.1990	7.4169	8248.2	3.3276	0.0245098	1281.769	130740.52
409	167281	68417929	20.2237	7.4229	8279.5	3.3292	0.0244499	1284.910	131382.19
410	168100	68921000	20.2485	7.4290	8301.0	3.3308	0.0243902	1288.052	132025.42
411	168921	69426531	20.2731	7.4350	8332.3	3.3325	0.0243309	1291.193	132670.24
412	169744	69934528	20.2978	7.4410	8363.7	3.3341	0.0242718	1294.335	133316.63
413	170569	70444997	20.3224	7.4470	8395.2	3.3357	0.0242131	1297.477	133964.59
414	171396	70957944	20.3470	7.4530	8426.7	3.3373	0.0241546	1300.618	134614.10
415	172225	71473375	20.3715	7.4590	8458.2	3.3390	0.0240964	1303.760	135265.20
416	173056	71991296	20.3961	7.4650	8489.8	3.3406	0.0240385	1306.901	135917.86
417	173889	72511713	20.4206	7.4710	8521.5	3.3422	0.0239808	1310.043	136572.10
418	174724	73034632	20.4450	7.4770	8553.0	3.3438	0.0239234	1313.185	137227.91
419	175561	73560059	20.4695	7.4829	8584.6	3.3454	0.0238663	1316.326	137885.29
420	176400	74088000	20.4939	7.4889	8616.4	3.3470	0.0238095	1319.468	138544.24
421	177241	74618461	20.5183	7.4948	8648.2	3.3485	0.0237530	1322.609	139204.75
422	178084	75151448	20.5426	7.5007	8680.0	3.3501	0.0236967	1325.751	139866.85
423	178929	75686967	20.5670	7.5066	8711.8	3.3517	0.0236407	1328.893	140530.51
424	179776	76225024	20.5913	7.5126	8743.7	3.3533	0.0235849	1332.034	141195.74
425	180625	76765625	20.6155	7.5185	8775.6	3.3549	0.0235294	1335.176	141862.54
426	181476	77308076	20.6398	7.5244	8807.5	3.3564	0.0234742	1338.317	142530.92
427	182329	77852483	20.6640	7.5302	8839.5	3.3580	0.0234192	1341.459	143200.85
428	183184	78400000	20.6882	7.5361	8871.5	3.3596	0.0233645	1344.601	143872.38
429	184041	78950539	20.7123	7.5420	8903.6	3.3612	0.0233100	1347.742	144545.48

第2-2表 數值函數表 (續)

N	N ²	N ³	$\sqrt{N}$	$\sqrt[3]{N}$	N ^{3/2}	$\frac{6}{N}$	$\frac{1}{N}$	圓 (N = 直徑)	
								圓周	面積
430	184900	79507000	20.7364	7.5478	8916.7	3.3627	.00232658	1380.884	145220.13
431	185761	80062991	20.7605	7.5537	8947.8	3.3643	.00232019	1354.025	145896.35
432	186624	80621568	20.7846	7.5595	8979.0	3.3659	.00231481	1357.167	146574.15
433	187489	81182737	20.8087	7.5654	9010.1	3.3674	.00230947	1360.308	147253.52
434	188356	81746504	20.8327	7.5712	9041.4	3.3690	.00230415	1363.450	147934.46
435	189225	82312875	20.8567	7.5770	9072.7	3.3705	.00229885	1366.592	148616.97
436	190096	82881856	20.8806	7.5828	9104.0	3.3720	.00229358	1369.733	149301.05
437	190969	83453453	20.9045	7.5886	9135.3	3.3736	.00228833	1372.875	149986.70
438	191844	84027672	20.9284	7.5944	9166.7	3.3752	.00228311	1376.016	150673.92
439	192721	84604519	20.9523	7.6001	9198.1	3.3767	.00227790	1379.158	151362.72
440	193600	85184000	20.9762	7.6059	9229.5	3.3783	.00227273	1382.300	152053.06
441	194481	85766121	21.0000	7.6117	9261.0	3.3798	.00226757	1385.441	152745.02
442	195364	86350888	21.0238	7.6174	9292.5	3.3813	.00226244	1388.583	153438.53
443	196249	86938307	21.0476	7.6232	9324.1	3.3828	.00225734	1391.724	154133.60
444	197136	87528384	21.0713	7.6289	9355.7	3.3844	.00225225	1394.866	154830.25
445	198025	88121125	21.0950	7.6346	9387.3	3.3859	.00224719	1398.008	155528.47
446	198916	88716536	21.1187	7.6403	9419.0	3.3874	.00224215	1401.149	156228.26
447	199809	89314623	21.1424	7.6460	9450.7	3.3889	.00223714	1404.291	156929.62
448	200704	89915392	21.1661	7.6517	9482.4	3.3904	.00223214	1407.432	157632.55
449	201601	90518849	21.1899	7.6574	9514.2	3.3919	.00222717	1410.574	158337.05
450	202500	91125000	21.2138	7.6631	9546.0	3.3935	.00222223	1413.716	159043.13
451	203401	91733851	21.2376	7.6688	9577.8	3.3950	.00221729	1416.857	159750.77
452	204304	92345408	21.2613	7.6744	9609.6	3.3965	.00221239	1419.999	160459.99
453	205209	92959677	21.2850	7.6801	9641.5	3.3980	.00220751	1423.140	161170.77
454	206116	93576664	21.3087	7.6857	9673.5	3.3995	.00220264	1426.282	161883.13
455	207025	94196375	21.3324	7.6914	9705.5	3.4010	.00219780	1429.423	162597.05
456	207936	94818616	21.3562	7.6970	9737.5	3.4025	.00219298	1432.565	163312.55
457	208849	95443993	21.3799	7.7026	9769.5	3.4039	.00218818	1435.707	164029.62
458	209764	96071912	21.4037	7.7082	9801.6	3.4054	.00218341	1438.848	164748.26
459	210681	96702579	21.4274	7.7138	9833.8	3.4069	.00217865	1441.990	165468.47
460	211600	97336000	21.4512	7.7194	9865.9	3.4084	.00217391	1445.131	166190.35
461	212521	97972181	21.4749	7.7250	9898.1	3.4100	.00216920	1448.273	166913.60
462	213444	98611128	21.4987	7.7306	9930.3	3.4113	.00216450	1451.415	167638.52
463	214369	99252847	21.5174	7.7362	9962.6	3.4128	.00215983	1454.556	168365.02
464	215296	99897344	21.5412	7.7418	9994.8	3.4143	.00215517	1457.698	169092.08
465	216225	100544625	21.5650	7.7473	10027.1	3.4158	.00215054	1460.839	169820.72
466	217156	101194696	21.5887	7.7529	10060.0	3.4173	.00214592	1463.981	170553.92
467	218089	101847563	21.6125	7.7584	10092.9	3.4187	.00214133	1467.123	171286.70
468	219024	102503332	21.6363	7.7639	10126.0	3.4202	.00213675	1470.264	172021.05
469	219961	103161709	21.6601	7.7695	10159.7	3.4217	.00213220	1473.406	172756.96
470	220900	103823000	21.6838	7.7750	10193.9	3.4231	.00212766	1476.547	173494.45
471	221841	104487111	21.7075	7.7805	10228.1	3.4246	.00212314	1479.689	174233.51
472	222784	105154048	21.7312	7.7860	10262.5	3.4260	.00211864	1482.830	174974.14
473	223729	105823817	21.7549	7.7915	10297.1	3.4275	.00211416	1485.972	175715.34
474	224676	106496484	21.7786	7.7970	10332.0	3.4289	.00210970	1489.114	176460.12
475	225625	107171875	21.8023	7.8025	10367.1	3.4304	.00210526	1492.255	177207.46
476	226576	107850176	21.8260	7.8079	10402.5	3.4318	.00210084	1495.397	177957.37
477	227529	108531333	21.8497	7.8134	10438.1	3.4332	.00209644	1498.538	178709.86
478	228484	109215352	21.8734	7.8188	10474.0	3.4347	.00209205	1501.680	179462.91
479	229441	109902239	21.8971	7.8243	10510.0	3.4361	.00208768	1504.822	180202.54
480	230400	110592000	21.9208	7.8297	10546.7	3.4375	.00208333	1507.963	180956.74
481	231361	111284641	21.9445	7.8352	10583.1	3.4390	.00207900	1511.105	181710.50
482	232324	111980168	21.9682	7.8406	10619.6	3.4404	.00207469	1514.246	182466.84
483	233289	112678587	21.9919	7.8460	10656.1	3.4418	.00207039	1517.388	183224.75
484	234256	113379904	22.0156	7.8514	10692.8	3.4433	.00206612	1520.530	183984.23
485	235225	114084125	22.0393	7.8568	10729.5	3.4447	.00206186	1523.671	184745.28
486	236196	114791256	22.0630	7.8622	10766.1	3.4461	.00205761	1526.813	185507.90
487	237169	115501303	22.0867	7.8676	10802.9	3.4475	.00205339	1529.954	186272.10
488	238144	116214272	22.1104	7.8730	10839.6	3.4489	.00204919	1533.096	187037.86
489	239121	116930169	22.1341	7.8784	10876.1	3.4504	.00204499	1536.238	187805.19
490	240100	117649000	22.1578	7.8837	10912.9	3.4518	.00204082	1539.379	188574.10
491	241081	118370771	22.1815	7.8891	10949.6	3.4532	.00203666	1542.521	189344.57
492	242064	119094468	22.2052	7.8944	10986.1	3.4546	.00203252	1545.662	190116.62
493	243049	119821157	22.2289	7.8998	11022.9	3.4560	.00202840	1548.804	190890.99
494	244036	120550784	22.2526	7.9051	11059.6	3.4574	.00202429	1551.945	191665.43
495	245025	121283375	22.2763	7.9105	11096.1	3.4588	.00202020	1555.087	192442.18
496	246016	122018936	22.3000	7.9158	11132.9	3.4602	.00201613	1558.229	193220.51
497	247009	122757463	22.3237	7.9211	11169.6	3.4616	.00201207	1561.370	194000.41
498	248004	123500000	22.3474	7.9264	11206.1	3.4630	.00200803	1564.512	194781.69
499	249001	124247549	22.3711	7.9317	11242.9	3.4644	.00200401	1567.653	195564.93

第2-2表 數值函數表(續)

N	N ²	N ³	$\sqrt{N}$	$\frac{1}{\sqrt{N}}$	N ^{3/2}	$\frac{1}{N}$	圓 (N = 直徑)	
							圓周	面積
500	250000	156000000	22.3607	7.0370	11180	3.4657	0.0200000	1570.795
501	251001	125751501	22.3836	7.0421	11214	3.4671	0.0199601	1573.937
502	252004	126506008	22.4054	7.0476	11247	3.4685	0.0199203	1577.078
503	253009	127263537	22.4277	7.0528	11281	3.4699	0.0198807	1580.220
504	254016	128024064	22.4499	7.0581	11315	3.4713	0.0198413	1583.361
505	255025	128787625	22.4722	7.0634	11348	3.4726	0.0198020	1586.505
506	256036	129554216	22.4944	7.0686	11382	3.4740	0.0197628	1589.645
507	257049	130323943	22.5167	7.0739	11416	3.4754	0.0197239	1592.786
508	258064	131096512	22.5389	7.0791	11450	3.4768	0.0196850	1595.928
509	259081	131872229	22.5610	7.0843	11484	3.4781	0.0196464	1599.069
510	260100	132651000	22.5832	7.0896	11517	3.4795	0.0196078	1602.212
511	261121	133432831	22.6053	7.0948	11551	3.4808	0.0195695	1605.352
512	262144	134217728	22.6274	7.1000	11585	3.4822	0.0195313	1608.494
513	263169	135005697	22.6495	7.1052	11619	3.4836	0.0194932	1611.636
514	264196	135796744	22.6716	7.1104	11653	3.4849	0.0194553	1614.777
515	265225	136590875	22.6936	7.1156	11687	3.4863	0.0194175	1617.919
516	266256	137388096	22.7156	7.1208	11721	3.4876	0.0193798	1621.060
517	267289	138188413	22.7376	7.1260	11755	3.4890	0.0193424	1624.202
518	268324	138991832	22.7596	7.1311	11789	3.4904	0.0193050	1627.344
519	269361	139798359	22.7816	7.1363	11824	3.4917	0.0192678	1630.485
520	270400	140608000	22.8038	7.1415	11858	3.4930	0.0192308	1633.627
521	271441	141420761	22.8254	7.1466	11892	3.4944	0.0191939	1636.768
522	272484	142236648	22.8473	7.1517	11926	3.4957	0.0191571	1639.910
523	273529	143055667	22.8692	7.1568	11960	3.4970	0.0191205	1643.052
524	274576	143877824	22.8910	7.1619	11995	3.4984	0.0190840	1646.193
525	275625	144703125	22.9129	7.1671	12029	3.4997	0.0190476	1649.335
526	276676	145531576	22.9347	7.1723	12064	3.5010	0.0190114	1652.476
527	277729	146363183	22.9565	7.1774	12098	3.5024	0.0189753	1655.618
528	278784	147197952	22.9783	7.1825	12133	3.5037	0.0189394	1658.760
529	279841	148035889	23.0000	7.1876	12167	3.5050	0.0189036	1661.901
530	280900	148877000	23.0217	7.1927	12202	3.5064	0.0188679	1665.043
531	281961	149721291	23.0434	7.1978	12236	3.5077	0.0188324	1668.184
532	283024	150568768	23.0651	7.2028	12271	3.5090	0.0187970	1671.326
533	284089	151419437	23.0868	7.2079	12305	3.5103	0.0187617	1674.467
534	285156	152273304	23.1084	7.2130	12340	3.5116	0.0187266	1677.609
535	286225	153130375	23.1301	7.2181	12375	3.5129	0.0186916	1680.751
536	287296	153990656	23.1517	7.2231	12410	3.5143	0.0186567	1683.892
537	288369	154854153	23.1733	7.2281	12444	3.5156	0.0186220	1687.034
538	289444	155720872	23.1948	7.2332	12479	3.5169	0.0185874	1690.175
539	290521	156590819	23.2164	7.2382	12514	3.5182	0.0185529	1693.317
540	291600	157464000	23.2379	7.2433	12549	3.5195	0.0185185	1696.459
541	292681	158340421	23.2594	7.2483	12583	3.5208	0.0184843	1699.600
542	293764	159220068	23.2809	7.2533	12618	3.5221	0.0184502	1702.742
543	294849	160103007	23.3024	7.2583	12653	3.5234	0.0184162	1705.883
544	295936	160989184	23.3238	7.2633	12688	3.5247	0.0183824	1709.025
545	297025	161878625	23.3452	7.2683	12723	3.5260	0.0183486	1712.167
546	298116	162771336	23.3666	7.2733	12758	3.5273	0.0183150	1715.308
547	299209	163667323	23.3880	7.2783	12793	3.5286	0.0182815	1718.450
548	300304	164566592	23.4094	7.2833	12828	3.5299	0.0182482	1721.591
549	301401	165469149	23.4307	7.2882	12863	3.5311	0.0182149	1724.733
550	302500	166375000	23.4521	7.2932	12899	3.5324	0.0181818	1727.875
551	303601	167284151	23.4734	7.2982	12934	3.5337	0.0181488	1731.016
552	304704	168196608	23.4947	7.3031	12969	3.5350	0.0181159	1734.158
553	305809	169112377	23.5160	7.3081	13004	3.5363	0.0180832	1737.299
554	306916	170031464	23.5372	7.3130	13040	3.5376	0.0180505	1740.441
555	308025	170953875	23.5584	7.3180	13075	3.5388	0.0180180	1743.582
556	309136	171879616	23.5797	7.3229	13110	3.5401	0.0179856	1746.724
557	310249	172808693	23.6008	7.3278	13146	3.5414	0.0179533	1749.866
558	311364	173741112	23.6220	7.3327	13181	3.5426	0.0179211	1753.007
559	312481	174676879	23.6432	7.3377	13217	3.5439	0.0178891	1756.149
560	313600	175616000	23.6643	7.3426	13252	3.5451	0.0178571	1759.290
561	314721	176558481	23.6854	7.3475	13288	3.5464	0.0178253	1762.432
562	315844	177504328	23.7065	7.3524	13323	3.5477	0.0177936	1765.574
563	316969	178453547	23.7276	7.3573	13359	3.5490	0.0177620	1768.715
564	318096	179406144	23.7487	7.3621	13394	3.5502	0.0177305	1771.857
565	319225	180362125	23.7697	7.3670	13430	3.5515	0.0176991	1774.998
566	320356	181321496	23.7908	7.3719	13466	3.5527	0.0176678	1778.140
567	321489	182284263	23.8118	7.3768	13501	3.5540	0.0176367	1781.282
568	322624	183250432	23.8328	7.3816	13537	3.5553	0.0176056	1784.423
569	323761	184220009	23.8537	7.3865	13573	3.5565	0.0175747	1787.565

第2-2表 數值互換表 (續)

N	N ²	N ³	$\sqrt{N}$	$\frac{3}{\sqrt{N}}$	N ^{3/2}	$\frac{5}{\sqrt{N}}$	$\frac{1}{N}$	圓 (N = 直徑)	
								圓周	面積
570	324900	168192600	23.8747	8.2913	13609	8.5577	.00175439	790.706	305175.86
571	326041	168169411	23.8856	8.2942	13644	8.5550	.00175131	793.848	306072.00
572	327184	168149248	23.9165	8.3010	13680	8.5602	.00174825	796.989	306969.71
573	328329	168132517	23.9374	8.3059	13716	8.5615	.00174520	1800.131	257868.99
574	329476	168119224	23.9583	8.3167	13752	8.5627	.00174216	1803.273	258769.85
575	330625	168109375	23.9792	8.3155	13788	8.5640	.00173913	1806.414	259672.27
576	331776	168102976	24.0000	8.3203	13824	8.5652	.00173611	1809.556	260576.26
577	332929	168100053	24.0208	8.3251	13860	8.5664	.00173310	1812.697	261481.83
578	334084	168100552	24.0416	8.3300	13896	8.5677	.00173010	1815.839	262388.96
579	335241	168104539	24.0624	8.3348	13932	8.5689	.00172712	1818.981	263297.67
580	336400	168112060	24.0832	8.3396	13968	8.5703	.00172414	1822.123	264207.04
581	337561	168122941	24.1039	8.3443	14004	8.5714	.00172117	1825.264	265119.79
582	338724	168137368	24.1247	8.3491	14040	8.5726	.00171821	1828.405	266033.21
583	339889	168155287	24.1454	8.3539	14077	8.5738	.00171527	1831.547	266948.20
584	341056	168176704	24.1661	8.3587	14113	8.5751	.00171233	1834.689	267864.76
585	342225	168191625	24.1868	8.3634	14149	8.5763	.00170940	1837.830	268782.89
586	343396	168213006	24.2074	8.3682	14186	8.5775	.00170648	1840.972	269702.59
587	344569	168236369	24.2281	8.3730	14222	8.5787	.00170358	1844.113	270623.86
588	345744	168262972	24.2487	8.3777	14258	8.5799	.00170068	1847.255	271546.70
589	346921	168293649	24.2693	8.3825	14295	8.5812	.00169779	1850.397	272471.12
590	348100	168328900	24.2899	8.3872	14331	8.5824	.00169492	1853.538	273397.10
591	349281	168368507	24.3105	8.3919	14368	8.5836	.00169205	1856.680	274324.66
592	350464	168412488	24.3311	8.3967	14404	8.5848	.00168919	1859.821	275253.78
593	351649	168460857	24.3516	8.4014	14440	8.5860	.00168634	1862.963	276184.48
594	352836	168514684	24.3721	8.4061	14477	8.5872	.00168350	1866.104	277116.75
595	354025	168574085	24.3926	8.4108	14514	8.5884	.00168067	1869.246	278050.58
596	355216	168639176	24.4131	8.4155	14550	8.5896	.00167785	1872.388	278985.99
597	356409	168710073	24.4336	8.4202	14587	8.5908	.00167503	1875.529	279922.97
598	357604	168786892	24.4540	8.4249	14624	8.5920	.00167222	1878.671	280861.52
599	358801	168869719	24.4745	8.4296	14660	8.5932	.00166945	1881.812	281801.63
600	360000	168958600	24.4949	8.4343	14697	8.5944	.00166667	1884.954	282743.34
601	361201	169053681	24.5153	8.4390	14734	8.5955	.00166389	1888.096	283686.60
602	362404	169155072	24.5357	8.4437	14771	8.5967	.00166113	1891.237	284631.44
603	363609	169262827	24.5561	8.4484	14807	8.5978	.00165837	1894.379	285577.84
604	364816	169377084	24.5764	8.4530	14844	8.5992	.00165563	1897.520	286525.82
605	366025	169497975	24.5967	8.4577	14881	8.6004	.00165289	1900.662	287475.36
606	367236	169625566	24.6171	8.4623	14918	8.6016	.00165017	1903.804	288426.48
607	368449	169759913	24.6374	8.4670	14955	8.6028	.00164745	1906.945	289379.17
608	369664	169901172	24.6577	8.4716	14992	8.6040	.00164474	1910.087	290333.43
609	370881	170049429	24.6779	8.4763	15029	8.6052	.00164204	1913.228	291289.26
610	372100	170204700	24.6982	8.4809	15066	8.6063	.00163934	1916.370	292246.66
611	373321	170367091	24.7184	8.4856	15103	8.6075	.00163666	1919.511	293205.63
612	374544	170536608	24.7386	8.4902	15140	8.6087	.00163399	1922.653	294166.17
613	375769	170714397	24.7588	8.4948	15177	8.6099	.00163132	1925.795	295128.28
614	376996	170899544	24.7790	8.4994	15214	8.6111	.00162866	1928.936	296091.97
615	378225	171092875	24.7992	8.5040	15252	8.6122	.00162602	1932.078	297057.22
616	379456	171294486	24.8193	8.5086	15289	8.6134	.00162338	1935.219	298024.05
617	380689	171504483	24.8395	8.5132	15326	8.6146	.00162075	1938.361	298992.44
618	381924	171722932	24.8596	8.5178	15363	8.6158	.00161812	1941.503	299962.41
619	383161	171949859	24.8797	8.5224	15400	8.6169	.00161551	1944.644	300933.95
620	384400	172185300	24.8998	8.5270	15437	8.6181	.00161290	1947.786	301907.05
621	385641	172429361	24.9199	8.5316	15475	8.6192	.00161031	1950.927	302881.73
622	386884	172682048	24.9399	8.5362	15513	8.6204	.00160772	1954.069	303857.98
623	388129	172943367	24.9600	8.5408	15550	8.6216	.00160514	1957.211	304835.80
624	389376	173213324	24.9800	8.5453	15588	8.6227	.00160256	1960.352	305815.20
625	390625	173491975	25.0000	8.5499	15625	8.6239	.00160000	1963.494	306796.16
626	391876	173779366	25.0200	8.5544	15663	8.6250	.00159744	1966.635	307778.69
627	393129	174075683	25.0400	8.5590	15700	8.6262	.00159490	1969.777	308762.79
628	394384	174380932	25.0599	8.5635	15738	8.6274	.00159236	1972.919	309748.47
629	395641	174696219	25.0799	8.5681	15775	8.6285	.00158983	1976.060	310735.71
630	396900	175020600	25.0998	8.5726	15813	8.6297	.00158730	1979.202	311724.88
631	398161	175354091	25.1197	8.5772	15850	8.6309	.00158479	1982.343	312714.92
632	399424	175696708	25.1395	8.5817	15888	8.6320	.00158228	1985.485	313706.88
633	400689	176048467	25.1595	8.5862	15926	8.6331	.00157978	1988.626	314700.40
634	401956	176409364	25.1794	8.5907	15964	8.6343	.00157729	1991.768	315695.50
635	403225	176779405	25.1992	8.5952	16002	8.6354	.00157480	1994.910	316692.17
636	404496	177158596	25.2190	8.5997	16040	8.6366	.00157233	1998.051	317690.42
637	405769	177546953	25.2389	8.6043	16077	8.6377	.00156988	2001.193	318690.23
638	407044	177944572	25.2587	8.6088	16115	8.6389	.00156749	2004.334	319691.61
639	408321	178351479	25.2784	8.6132	16153	8.6400	.00156499	2007.476	320694.56

第2-2表 數值函數表(續)

N	N ²	N ³	$\sqrt{N}$	$\sqrt[3]{N}$	N ^{3/2}	$\frac{1}{\sqrt{N}}$	$\frac{1}{N}$	圓 (N = 直徑)	
								圓周	面積
640	409600	262144000	25.2982	8.6177	16191	8.6411	.00156250	3010.618	381699.09
641	410881	263374721	25.3180	8.6222	16229	8.6423	.00156006	3013.759	322705.18
642	412164	264609288	25.3377	8.6267	16267	8.6435	.00155763	3016.901	323712.85
643	413449	265847707	25.3574	8.6312	16305	8.6446	.00155521	3020.042	324722.09
644	414736	267089984	25.3772	8.6357	16343	8.6457	.00155280	3023.184	325732.89
645	416025	268336125	25.3969	8.6401	16381	8.6468	.00155039	3026.326	326745.27
646	417316	269586136	25.4165	8.6446	16419	8.6479	.00154799	3029.467	327759.22
647	418609	270840023	25.4362	8.6490	16457	8.6489	.00154560	3032.609	328774.74
648	419904	272097792	25.4558	8.6535	16495	8.6502	.00154321	3035.750	329791.63
649	421201	273359449	25.4755	8.6579	16534	8.6513	.00154083	3038.892	330810.49
650	422500	274625000	25.4951	8.6624	16573	8.6524	.00153846	3042.034	331830.72
651	423801	275894451	25.5147	8.6668	16610	8.6536	.00153610	3045.175	332852.53
652	425104	277167608	25.5343	8.6713	16648	8.6547	.00153374	3048.317	333875.90
653	426409	278444507	25.5539	8.6757	16687	8.6558	.00153139	3051.458	334900.65
654	427716	279726264	25.5734	8.6801	16725	8.6569	.00152905	3054.600	335927.36
655	429025	281011375	25.5930	8.6845	16764	8.6580	.00152672	3057.741	336955.45
656	430336	282300416	25.6125	8.6890	16802	8.6592	.00152439	3060.883	337985.10
657	431649	283593393	25.6320	8.6934	16840	8.6603	.00152207	3064.025	339016.33
658	432964	284890312	25.6515	8.6978	16879	8.6614	.00151976	3067.166	340049.13
659	434281	286191179	25.6710	8.7022	16917	8.6625	.00151745	3070.308	341083.50
660	435600	287496000	25.6905	8.7066	16956	8.6636	.00151515	3073.449	342119.44
661	436921	288804781	25.7099	8.7110	16994	8.6647	.00151286	3076.591	343156.95
662	438244	290117528	25.7294	8.7154	17033	8.6658	.00151057	3079.733	344196.03
663	439569	291434247	25.7488	8.7198	17071	8.6669	.00150830	3082.874	345236.69
664	440896	292754944	25.7682	8.7241	17110	8.6680	.00150602	3086.016	346278.91
665	442225	294079625	25.7876	8.7285	17149	8.6691	.00150376	3089.157	347322.70
666	443556	295408296	25.8070	8.7329	17187	8.6702	.00150150	3092.299	348368.07
667	444889	296740963	25.8263	8.7373	17226	8.6713	.00149925	3095.441	349415.01
668	446224	298077632	25.8457	8.7416	17265	8.6724	.00149701	3098.582	350463.51
669	447561	299418309	25.8650	8.7460	17304	8.6735	.00149477	3101.724	351513.59
670	448900	300763000	25.8844	8.7503	17343	8.6746	.00149254	3104.865	352565.84
671	450241	302111711	25.9037	8.7547	17381	8.6757	.00149031	3108.007	353618.45
672	451584	303464448	25.9230	8.7590	17420	8.6768	.00148810	3111.148	354672.24
673	452929	304821217	25.9422	8.7634	17459	8.6779	.00148588	3114.290	355727.60
674	454276	306182024	25.9615	8.7677	17498	8.6790	.00148368	3117.432	356784.54
675	455625	307546875	25.9808	8.7721	17537	8.6801	.00148148	3120.573	357843.04
676	456976	308915776	26.0000	8.7764	17576	8.6812	.00147929	3123.715	358903.11
677	458329	310288733	26.0192	8.7807	17615	8.6823	.00147710	3126.856	359964.75
678	459684	311665752	26.0384	8.7850	17654	8.6834	.00147493	3129.998	361028.57
679	461041	313046839	26.0576	8.7893	17693	8.6845	.00147275	3133.140	362094.10
680	462400	314432000	26.0768	8.7937	17732	8.6856	.00147058	3136.281	363161.68
681	463761	315821241	26.0960	8.7980	17771	8.6866	.00146843	3139.423	364230.04
682	465124	317214568	26.1151	8.8023	17810	8.6877	.00146628	3142.564	365300.54
683	466489	318611987	26.1343	8.8066	17850	8.6888	.00146413	3145.706	366373.69
684	467856	320013504	26.1534	8.8109	17889	8.6899	.00146199	3148.848	367449.24
685	469225	321419125	26.1725	8.8152	17928	8.6909	.00145985	3151.989	368526.45
686	470596	322828866	26.1916	8.8194	17967	8.6920	.00145773	3155.131	369605.23
687	471969	324242703	26.2107	8.8237	18007	8.6931	.00145560	3158.272	370683.59
688	473344	325660672	26.2298	8.8280	18046	8.6942	.00145349	3161.414	371763.51
689	474721	327082679	26.2488	8.8323	18085	8.6953	.00145138	3164.556	372845.00
690	476100	328508000	26.2679	8.8366	18125	8.6963	.00144928	3167.697	373928.07
691	477481	329937371	26.2869	8.8408	18164	8.6974	.00144718	3170.839	375012.70
692	478864	331373888	26.3059	8.8451	18204	8.6985	.00144509	3173.980	376098.91
693	480249	332815557	26.3249	8.8493	18243	8.6995	.00144300	3177.122	377186.68
694	481636	334263384	26.3439	8.8536	18283	8.7006	.00144092	3180.263	378276.03
695	483025	335717375	26.3629	8.8578	18322	8.7016	.00143885	3183.405	379367.95
696	484416	337177536	26.3818	8.8621	18362	8.7027	.00143678	3186.547	380461.54
697	485809	338643873	26.4008	8.8663	18401	8.7038	.00143472	3189.688	381557.50
698	487204	340116408	26.4197	8.8706	18441	8.7049	.00143266	3192.830	382654.93
699	488601	341595249	26.4386	8.8748	18480	8.7059	.00143062	3195.971	383754.33
700	490000	343080000	26.4575	8.8790	18520	8.7070	.00142858	3199.113	384854.50
701	491401	344571701	26.4764	8.8833	18560	8.7080	.00142653	3202.255	385954.44
702	492804	346069408	26.4953	8.8875	18600	8.7091	.00142449	3205.396	387054.26
703	494209	347573127	26.5141	8.8917	18640	8.7101	.00142246	3208.538	388154.04
704	495616	349082864	26.5330	8.8959	18679	8.7112	.00142043	3211.679	389253.55
705	497025	350598625	26.5518	8.9001	18719	8.7123	.00141840	3214.821	390353.52
706	498436	352120416	26.5707	8.9043	18759	8.7133	.00141637	3217.963	391453.72
707	499849	353648243	26.5895	8.9085	18799	8.7144	.00141434	3221.104	392554.09
708	501264	355182112	26.6083	8.9127	18839	8.7154	.00141231	3224.246	393654.61
709	502681	356722029	26.6271	8.9169	18879	8.7165	.00141028	3227.387	394754.84

附录2-2表 数值函数表 (续)

N	N ²	N ³	$\sqrt{N}$	$\sqrt[3]{N}$	N ^{1/2}	$\frac{1}{\sqrt{N}}$	$\frac{1}{N}$	圆 (N = 直径)	
								圆周	面积
710	504100	357911000	26.6468	8.9211	18919	3.7175	.00140845	2330.629	395919.21
711	505521	359425431	26.6646	8.9253	18959	3.7185	.00140647	2333.670	397075.26
712	506944	360941128	26.6833	8.9295	18999	3.7196	.00140449	2336.712	398152.89
713	508369	362467097	26.7021	8.9337	19039	3.7206	.00140252	2339.754	399272.08
714	509796	363994344	26.7208	8.9378	19079	3.7217	.00140056	2342.795	400392.84
715	511225	365525875	26.7395	8.9420	19119	3.7227	.00139860	2345.837	401515.18
716	512656	367061696	26.7582	8.9462	19159	3.7238	.00139665	2348.878	402639.08
717	514089	368601813	26.7769	8.9503	19199	3.7248	.00139470	2351.920	403764.56
718	515524	370146232	26.7955	8.9545	19239	3.7258	.00139276	2354.961	404891.60
719	516961	371694959	26.8142	8.9587	19280	3.7269	.00139082	2358.003	406020.22
720	518400	373248000	26.8328	8.9628	19320	3.7279	.00138889	2361.045	407150.41
721	519841	374805361	26.8514	8.9670	19360	3.7290	.00138696	2364.086	408282.17
722	521284	376367048	26.8701	8.9711	19400	3.7300	.00138504	2367.128	409415.50
723	522729	377933067	26.8887	8.9752	19440	3.7310	.00138313	2370.170	410550.40
724	524176	379503424	26.9072	8.9794	19481	3.7321	.00138122	2373.211	411685.87
725	525625	381078125	26.9258	8.9835	19521	3.7331	.00137931	2376.253	412824.91
726	527076	382657176	26.9444	8.9876	19562	3.7341	.00137741	2379.294	413964.52
727	528529	384240583	26.9629	8.9918	19602	3.7351	.00137552	2382.336	415105.71
728	529984	385828352	26.9815	8.9959	19643	3.7362	.00137363	2385.378	416248.46
729	531441	387420489	27.0000	9.0000	19683	3.7372	.00137174	2388.420	417392.79
730	532900	389017000	27.0185	9.0041	19724	3.7382	.00136986	2391.461	418538.68
731	534361	390617891	27.0370	9.0082	19764	3.7392	.00136799	2394.502	419686.15
732	535824	392223168	27.0555	9.0123	19805	3.7403	.00136612	2397.544	420835.19
733	537289	393832837	27.0740	9.0164	19845	3.7413	.00136426	2400.585	421985.79
734	538756	395446904	27.0924	9.0205	19886	3.7423	.00136240	2403.627	423137.97
735	540225	397065375	27.1109	9.0246	19927	3.7433	.00136054	2406.669	424291.72
736	541696	398688256	27.1293	9.0287	19967	3.7443	.00135868	2409.712	425447.04
737	543169	400315553	27.1477	9.0328	20008	3.7454	.00135683	2412.754	426603.94
738	544644	401947272	27.1662	9.0369	20049	3.7464	.00135497	2415.797	427762.40
739	546121	403583419	27.1846	9.0410	20090	3.7474	.00135311	2418.840	428922.43
740	547600	405224000	27.2029	9.0450	20130	3.7484	.00135125	2421.882	430084.08
741	549081	406869021	27.2213	9.0491	20171	3.7494	.00134939	2424.925	431247.21
742	550564	408518488	27.2397	9.0532	20212	3.7504	.00134753	2427.968	432411.95
743	552049	410172407	27.2580	9.0572	20253	3.7514	.00134568	2431.011	433578.27
744	553536	411830784	27.2764	9.0613	20294	3.7524	.00134382	2434.054	434746.16
745	555025	413493625	27.2947	9.0654	20335	3.7534	.00134197	2437.097	435915.62
746	556516	415160936	27.3130	9.0694	20376	3.7545	.00134011	2440.140	437086.64
747	558009	416832723	27.3313	9.0735	20417	3.7555	.00133826	2443.183	438259.24
748	559504	418508992	27.3496	9.0775	20458	3.7565	.00133640	2446.226	439433.44
749	561001	420189749	27.3679	9.0816	20499	3.7575	.00133455	2449.269	440609.16
750	562500	421875000	27.3861	9.0856	20540	3.7585	.00133269	2452.312	441786.47
751	564001	423564751	27.4044	9.0896	20581	3.7595	.00133084	2455.355	442965.35
752	565504	425259008	27.4226	9.0937	20622	3.7605	.00132898	2458.398	444145.80
753	567009	426957777	27.4408	9.0977	20663	3.7615	.00132713	2461.441	445327.83
754	568516	428661064	27.4591	9.1017	20704	3.7625	.00132527	2464.484	446511.42
755	570025	430368875	27.4773	9.1057	20745	3.7635	.00132342	2467.527	447696.59
756	571536	432081216	27.4955	9.1098	20787	3.7645	.00132156	2470.570	448883.32
757	573049	433798093	27.5136	9.1138	20828	3.7655	.00131971	2473.613	450071.63
758	574564	435519512	27.5318	9.1178	20869	3.7665	.00131785	2476.656	451261.51
759	576081	437245479	27.5500	9.1218	20910	3.7675	.00131600	2479.699	452452.96
760	577600	438976000	27.5681	9.1258	20952	3.7685	.00131415	2482.742	453646.08
761	579121	440711081	27.5862	9.1298	20993	3.7694	.00131230	2485.785	454840.57
762	580644	442450728	27.6043	9.1338	21035	3.7704	.00131045	2488.828	456036.73
763	582169	444194947	27.6225	9.1378	21076	3.7714	.00130860	2491.871	457234.46
764	583696	445943744	27.6405	9.1418	21117	3.7724	.00130675	2494.914	458433.77
765	585225	447697125	27.6586	9.1458	21159	3.7734	.00130490	2497.957	459634.64
766	586756	449455096	27.6767	9.1498	21200	3.7744	.00130305	2501.000	460837.08
767	588289	451217663	27.6948	9.1537	21242	3.7754	.00130120	2504.043	462041.10
768	589824	452984832	27.7128	9.1577	21283	3.7764	.00129935	2507.086	463246.69
769	591361	454756609	27.7308	9.1617	21325	3.7774	.00129750	2510.129	464453.84
770	592900	456533000	27.7488	9.1657	21367	3.7784	.00129565	2513.172	465663.97
771	594441	458314011	27.7669	9.1696	21408	3.7793	.00129380	2516.215	466877.87
772	595984	460099648	27.7849	9.1736	21450	3.7803	.00129195	2519.258	468094.74
773	597529	461889917	27.8029	9.1775	21492	3.7813	.00129010	2522.301	469314.66
774	599076	463684824	27.8209	9.1815	21533	3.7822	.00128825	2525.344	470537.19
775	600625	465484375	27.8388	9.1855	21575	3.7832	.00128640	2528.387	471762.79
776	602176	467288576	27.8568	9.1894	21617	3.7842	.00128455	2531.430	472991.92
777	603729	469097433	27.8747	9.1933	21658	3.7852	.00128270	2534.473	474216.63
778	605284	470910952	27.8927	9.1973	21700	3.7861	.00128085	2537.516	475448.94
779	606841	472729159	27.9106	9.2012	21742	3.7871	.00127900	2540.559	476681.11