

TABEL NILAI FAKTORIAL

n	$n!$
0	1 (by definition)
1	1
2	2
3	6
4	24
5	120
6	720
7	5040
8	40,320
9	362,880
10	3,628,800
11	39,916,800
12	479,001,600
13	6,227,020,800
14	87,178,291,200
15	1,307,674,368,000
16	20,922,789,888,000
17	355,687,428,096,000
18	6,402,373,705,728,000
19	121,645,100,408,832,000
20	2,432,902,008,176,640,000
21	51,090,942,171,709,440,000
22	1,124,000,727,777,607,680,000
23	25,852,016,738,884,976,640,000
24	620,448,401,733,239,439,360,000
25	15,511,210,043,330,985,984,000,000
26	403,291,461,126,605,635,584,000,000
27	10,888,869,450,418,352,160,768,000,000
28	304,888,344,611,713,860,501,504,000,000
29	8,841,761,993,739,701,954,543,616,000,000
30	265,252,859,812,191,058,636,308,480,000,000
31	8.22284×10^{33}
32	2.63131×10^{35}
33	8.68332×10^{36}
34	2.95233×10^{38}
35	1.03331×10^{40}
36	3.71993×10^{41}
37	1.37638×10^{43}
38	5.23023×10^{44}
39	2.03979×10^{46}

n	$n!$
40	8.15915×10^{47}
41	3.34525×10^{49}
42	1.40501×10^{51}
43	6.04153×10^{52}
44	2.65827×10^{54}
45	1.19622×10^{56}
46	5.50262×10^{57}
47	2.58623×10^{59}
48	1.24139×10^{61}
49	6.08282×10^{62}
50	3.04141×10^{64}
51	1.55112×10^{66}
52	8.06582×10^{67}
53	4.27488×10^{69}
54	2.30844×10^{71}
55	1.26964×10^{73}
56	7.10999×10^{74}
57	4.05269×10^{76}
58	2.35056×10^{78}
59	1.38683×10^{80}
60	8.32099×10^{81}
61	5.07580×10^{83}
62	3.14700×10^{85}
63	1.98261×10^{87}
64	1.26887×10^{89}
65	8.24765×10^{90}
66	5.44345×10^{92}
67	3.64711×10^{94}
68	2.48004×10^{96}
69	1.71122×10^{98}
70	1.19786×10^{100}
71	8.50479×10^{101}
72	6.12345×10^{103}
73	4.47012×10^{105}
74	3.30789×10^{107}
75	2.48091×10^{109}
76	1.88549×10^{111}
77	1.45183×10^{113}
78	1.13243×10^{115}
79	8.94618×10^{116}

n	$n!$
80	7.15695×10^{118}
81	5.79713×10^{120}
82	4.75364×10^{122}
83	3.94552×10^{124}
84	3.31424×10^{126}
85	2.81710×10^{128}
86	2.42271×10^{130}
87	2.10776×10^{132}
88	1.85483×10^{134}
89	1.65080×10^{136}
90	1.48572×10^{138}
91	1.35200×10^{140}
92	1.24384×10^{142}
93	1.15677×10^{144}
94	1.08737×10^{146}
95	1.03300×10^{148}
96	9.91678×10^{149}
97	9.61928×10^{151}
98	9.42689×10^{153}
99	9.33262×10^{155}
100	9.33262×10^{157}

TABEL FUNGSI GAMMA

x	$\Gamma(x)$
1.00	1.00000
1.01	.99433
1.02	.98884
1.03	.98355
1.04	.97844
1.05	.97350
1.06	.96874
1.07	.96415
1.08	.95973
1.09	.95546
1.10	.95135
1.11	.94740
1.12	.94359
1.13	.93993
1.14	.93642
1.15	.93304
1.16	.92980
1.17	.92670
1.18	.92373
1.19	.92089
1.20	.91817
1.21	.91558
1.22	.91311
1.23	.91075
1.24	.90852
1.25	.90640
1.26	.90440
1.27	.90250
1.28	.90072
1.29	.89904
1.30	.89747
1.31	.89600
1.32	.89464
1.33	.89338
1.34	.89222
1.35	.89115
1.36	.89018
1.37	.88931
1.38	.88854
1.39	.88785
1.40	.88726
1.41	.88676
1.42	.88636
1.43	.88604
1.44	.88581
1.45	.88566
1.46	.88560
1.47	.88563
1.48	.88575
1.49	.88595
1.50	.88623

x	$\Gamma(x)$
1.50	.88623
1.51	.88659
1.52	.88704
1.53	.88757
1.54	.88818
1.55	.88887
1.56	.88964
1.57	.89049
1.58	.89142
1.59	.89243
1.60	.89352
1.61	.89468
1.62	.89592
1.63	.89724
1.64	.89864
1.65	.90012
1.66	.90167
1.67	.90330
1.68	.90500
1.69	.90678
1.70	.90864
1.71	.91057
1.72	.91258
1.73	.91467
1.74	.91683
1.75	.91906
1.76	.92137
1.77	.92376
1.78	.92623
1.79	.92877
1.80	.93138
1.81	.93408
1.82	.93685
1.83	.93969
1.84	.94261
1.85	.94561
1.86	.94869
1.87	.95184
1.88	.95507
1.89	.95838
1.90	.96177
1.91	.96523
1.92	.96877
1.93	.97240
1.94	.97610
1.95	.97988
1.96	.98374
1.97	.98768
1.98	.99171
1.99	.99581
2.00	1.00000

TABEL FUNGSI ERROR

[illegible]

TABEL INTEGRAL ELIPTIK LENGKAP JENIS PERTAMA DAN KEDUA

ψ	K	E
0°	1.5708	1.5708
1	1.5709	1.5707
2	1.5713	1.5703
3	1.5719	1.5697
4	1.5727	1.5689
5	1.5738	1.5678
6	1.5751	1.5665
7	1.5767	1.5649
8	1.5785	1.5632
9	1.5805	1.5611
10	1.5828	1.5589
11	1.5854	1.5564
12	1.5882	1.5537
13	1.5913	1.5507
14	1.5946	1.5476
15	1.5981	1.5442
16	1.6020	1.5405
17	1.6061	1.5367
18	1.6105	1.5326
19	1.6151	1.5283
20	1.6200	1.5238
21	1.6252	1.5191
22	1.6307	1.5141
23	1.6365	1.5090
24	1.6426	1.5037
25	1.6490	1.4981
26	1.6557	1.4924
27	1.6627	1.4864
28	1.6701	1.4803
29	1.6777	1.4740
30	1.6858	1.4675

ψ	K	E
30°	1.6858	1.4675
31	1.6941	1.4608
32	1.7028	1.4539
33	1.7119	1.4469
34	1.7214	1.4397
35	1.7312	1.4323
36	1.7415	1.4248
37	1.7522	1.4171
38	1.7633	1.4092
39	1.7748	1.4013
40	1.7868	1.3931
41	1.7992	1.3849
42	1.8122	1.3765
43	1.8256	1.3680
44	1.8396	1.3594
45	1.8541	1.3506
46	1.8691	1.3418
47	1.8848	1.3329
48	1.9011	1.3238
49	1.9180	1.3147
50	1.9356	1.3055
51	1.9539	1.2963
52	1.9729	1.2870
53	1.9927	1.2776
54	2.0133	1.2681
55	2.0347	1.2587
56	2.0571	1.2492
57	2.0804	1.2397
58	2.1047	1.2301
59	2.1300	1.2206
60	2.1565	1.2111

ψ	K	E
60°	2.1565	1.2111
61	2.1842	1.2015
62	2.2132	1.1920
63	2.2435	1.1826
64	2.2754	1.1732
65	2.3088	1.1638
66	2.3439	1.1545
67	2.3809	1.1453
68	2.4198	1.1362
69	2.4610	1.1272
70	2.5046	1.1184
71	2.5507	1.1096
72	2.5998	1.1011
73	2.6521	1.0927
74	2.7081	1.0844
75	2.7681	1.0764
76	2.8327	1.0686
77	2.9026	1.0611
78	2.9786	1.0538
79	3.0617	1.0468
80	3.1534	1.0401
81	3.2553	1.0338
82	3.3699	1.0278
83	3.5004	1.0223
84	3.6519	1.0172
85	3.8317	1.0127
86	4.0528	1.0086
87	4.3387	1.0053
88	4.7427	1.0026
89	5.4349	1.0008
90	∞	1.0000

**TABEL INTEGRAL ELIPTIK TAK LENGKAP JENIS
PERTAMA**

$\begin{matrix} \psi \\ \phi \end{matrix}$	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°
0°	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10°	0.1745	0.1746	0.1746	0.1748	0.1749	0.1751	0.1752	0.1753	0.1754	0.1754
20°	0.3491	0.3493	0.3499	0.3508	0.3520	0.3533	0.3545	0.3555	0.3561	0.3564
30°	0.5236	0.5243	0.5263	0.5294	0.5334	0.5379	0.5422	0.5459	0.5484	0.5493
40°	0.6981	0.6997	0.7043	0.7116	0.7213	0.7323	0.7436	0.7535	0.7604	0.7629
50°	0.8727	0.8756	0.8842	0.8982	0.9173	0.9401	0.9647	0.9876	1.0044	1.0107
60°	1.0472	1.0519	1.0660	1.0896	1.1226	1.1643	1.2126	1.2619	1.3014	1.3170
70°	1.2217	1.2286	1.2495	1.2853	1.3372	1.4068	1.4944	1.5959	1.6918	1.7354
80°	1.3963	1.4056	1.4344	1.4846	1.5597	1.6660	1.8125	2.0119	2.2653	2.4362
90°	1.5708	1.5828	1.6200	1.6858	1.7868	1.9356	2.1565	2.5046	3.1534	∞

**TABEL INTEGRAL ELIPTIK TAK LENGKAP JENIS
KEDUA**

$\begin{matrix} \psi \\ \phi \end{matrix}$	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°
0°	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10°	0.1745	0.1745	0.1744	0.1743	0.1742	0.1740	0.1739	0.1738	0.1737	0.1736
20°	0.3491	0.3489	0.3483	0.3473	0.3462	0.3450	0.3438	0.3429	0.3422	0.3420
30°	0.5236	0.5229	0.5209	0.5179	0.5141	0.5100	0.5061	0.5029	0.5007	0.5000
40°	0.6981	0.6966	0.6921	0.6851	0.6763	0.6667	0.6575	0.6497	0.6446	0.6428
50°	0.8727	0.8698	0.8614	0.8483	0.8317	0.8134	0.7954	0.7801	0.7697	0.7660
60°	1.0472	1.0426	1.0290	1.0076	0.9801	0.9493	0.9184	0.8914	0.8728	0.8660
70°	1.2217	1.2149	1.1949	1.1632	1.1221	1.0750	1.0266	0.9830	0.9514	0.9397
80°	1.3963	1.3870	1.3597	1.3161	1.2590	1.1926	1.1225	1.0565	1.0054	0.9848
90°	1.5708	1.5589	1.5238	1.4675	1.3931	1.3055	1.2111	1.1184	1.0401	1.0000

TABEL POLINOMIAL LEGENDRE

x	$P_2(x)$	$P_3(x)$	$P_4(x)$	$P_5(x)$
.00	-.5000	.0000	.3750	.0000
.05	-.4963	-.0747	.3657	.0927
.10	-.4850	-.1475	.3379	.1788
.15	-.4663	-.2166	.2928	.2523
.20	-.4400	-.2800	.2320	.3075
.25	-.4063	-.3359	.1577	.3397
.30	-.3650	-.3825	.0729	.3454
.35	-.3163	-.4178	-.0187	.3225
.40	-.2600	-.4400	-.1130	.2706
.45	-.1963	-.4472	-.2050	.1917
.50	-.1250	-.4375	-.2891	.0898
.55	-.0463	-.4091	-.3590	-.0282
.60	.0400	-.3600	-.4080	-.1526
.65	.1338	-.2884	-.4284	-.2705
.70	.2350	-.1925	-.4121	-.3652
.75	.3438	-.0703	-.3501	-.4164
.80	.4600	.0800	-.2330	-.3995
.85	.5838	.2603	-.0506	-.2857
.90	.7150	.4725	.2079	-.0411
.95	.8538	.7184	.5541	.3727
1.00	1.0000	1.0000	1.0000	1.0000

TABEL POLINOMIAL LEGENDRE YANG DIASOSIASI

θ	$P_1(\cos \theta)$	$P_2(\cos \theta)$	$P_3(\cos \theta)$	$P_4(\cos \theta)$	$P_5(\cos \theta)$
0°	1.0000	1.0000	1.0000	1.0000	1.0000
5°	.9962	.9886	.9773	.9623	.9437
10°	.9848	.9548	.9106	.8532	.7840
15°	.9659	.8995	.8042	.6847	.5471
20°	.9397	.8245	.6649	.4750	.2715
25°	.9063	.7321	.5016	.2465	.0009
30°	.8660	.6250	.3248	.0234	-.2233
35°	.8192	.5065	.1454	-.1714	-.3691
40°	.7660	.3802	-.0252	-.3190	-.4197
45°	.7071	.2500	-.1768	-.4063	-.3757
50°	.6428	.1198	-.3002	-.4275	-.2545
55°	.5736	-.0065	-.3886	-.3852	-.0868
60°	.5000	-.1250	-.4375	-.2891	.0898
65°	.4226	-.2321	-.4452	-.1552	.2381
70°	.3420	-.3245	-.4130	-.0038	.3281
75°	.2588	-.3995	-.3449	.1434	.3427
80°	.1737	-.4548	-.2474	.2659	.2810
85°	.0872	-.4886	-.1291	.3468	.1577
90°	.0000	-.5000	.0000	.3750	.0000

TABEL FUNGSI BESEL $J_0(x)$

x	0	1	2	3	4	5	6	7	8	9
0.	1.0000	.9975	.9900	.9776	.9604	.9385	.9120	.8812	.8463	.8075
1.	.7652	.7196	.6711	.6201	.5669	.5118	.4554	.3980	.3400	.2818
2.	.2239	.1666	.1104	.0555	.0025	-.0484	-.0968	-.1424	-.1850	-.2243
3.	-.2601	-.2921	-.3202	-.3443	-.3643	-.3801	-.3918	-.3992	-.4026	-.4018
4.	-.3971	-.3887	-.3766	-.3610	-.3423	-.3205	-.2961	-.2693	-.2404	-.2097
5.	-.1776	-.1443	-.1103	-.0758	-.0412	-.0068	.0270	.0599	.0917	.1220
6.	.1506	.1773	.2017	.2238	.2433	.2601	.2740	.2851	.2931	.2981
7.	.3001	.2991	.2951	.2882	.2786	.2663	.2516	.2346	.2154	.1944
8.	.1717	.1475	.1222	.0960	.0692	.0419	.0146	-.0125	-.0392	-.0653
9.	-.0903	-.1142	-.1367	-.1577	-.1768	-.1939	-.2090	-.2218	-.2323	-.2403

TABEL FUNGSI BESEL $J_1(x)$

x	0	1	2	3	4	5	6	7	8	9
0.	.0000	.0499	.0995	.1483	.1960	.2423	.2867	.3290	.3688	.4059
1.	.4401	.4709	.4983	.5220	.5419	.5579	.5699	.5778	.5815	.5812
2.	.5767	.5683	.5560	.5399	.5202	.4971	.4708	.4416	.4097	.3754
3.	.3391	.3009	.2613	.2207	.1792	.1374	.0955	.0538	.0128	-.0272
4.	-.0660	-.1033	-.1386	-.1719	-.2028	-.2311	-.2566	-.2791	-.2985	-.3147
5.	-.3276	-.3371	-.3432	-.3460	-.3453	-.3414	-.3343	-.3241	-.3110	-.2951
6.	-.2767	-.2559	-.2329	-.2081	-.1816	-.1538	-.1250	-.0953	-.0652	-.0349
7.	-.0047	.0252	.0543	.0826	.1096	.1352	.1592	.1813	.2014	.2192
8.	.2346	.2476	.2580	.2657	.2708	.2731	.2728	.2697	.2641	.2559
9.	.2453	.2324	.2174	.2004	.1816	.1613	.1395	.1166	.0928	.0684

