

Factor Table - $i = 12.00\%$

n	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
1	0.8929	0.8929	0.0000	1.1200	1.0000	1.1200	1.0000	0.0000
2	0.7972	1.6901	0.7972	1.2544	2.1200	0.5917	0.4717	0.4717
3	0.7118	2.4018	2.2208	1.4049	3.3744	0.4163	0.2963	0.9246
4	0.6355	3.0373	4.1273	1.5735	4.7793	0.3292	0.2092	1.3589
5	0.5674	3.6048	6.3970	1.7623	6.3528	0.2774	0.1574	1.7746
6	0.5066	4.1114	8.9302	1.9738	8.1152	0.2432	0.1232	2.1720
7	0.4523	4.5638	11.6443	2.2107	10.0890	0.2191	0.0991	2.5515
8	0.4039	4.9676	14.4714	2.4760	12.2997	0.2013	0.0813	2.9131
9	0.3606	5.3282	17.3563	2.7731	14.7757	0.1877	0.0677	3.2574
10	0.3220	5.6502	20.2541	3.1058	17.5487	0.1770	0.0570	3.5847
11	0.2875	5.9377	23.1288	3.4785	20.6546	0.1684	0.0484	3.8953
12	0.2567	6.1944	25.9523	3.8960	24.1331	0.1614	0.0414	4.1897
13	0.2292	6.4235	28.7024	4.3635	28.0291	0.1557	0.0357	4.4683
14	0.2046	6.6282	31.3624	4.8871	32.3926	0.1509	0.0309	4.7317
15	0.1827	6.8109	33.9202	5.4736	37.2797	0.1468	0.0268	4.9803
16	0.1631	6.9740	36.3670	6.1304	42.7533	0.1434	0.0234	5.2147
17	0.1456	7.1196	38.6973	6.8660	48.8837	0.1405	0.0205	5.4353
18	0.1300	7.2497	40.9080	7.6900	55.7497	0.1379	0.0179	5.6427
19	0.1161	7.3658	42.9979	8.6128	63.4397	0.1358	0.0158	5.8375
20	0.1037	7.4694	44.9676	9.6463	72.0524	0.1339	0.0139	6.0202
21	0.0926	7.5620	46.8188	10.8038	81.6987	0.1322	0.0122	6.1913
22	0.0826	7.6446	48.5543	12.1003	92.5026	0.1322	0.0122	6.3514
23	0.0738	7.7184	50.1776	13.5523	104.6029	0.1308	0.0108	6.5010
24	0.0659	7.7843	51.6929	15.1786	118.1552	0.1296	0.0096	6.6406
25	0.0588	7.8431	53.1046	17.0001	133.3339	0.1285	0.0085	6.7708
30	0.0334	8.0552	58.7821	29.9599	241.3327	0.1275	0.0075	6.7708
40	0.0107	8.2438	65.1159	93.0510	767.0914	0.1241	0.0041	7.2974
50	0.0035	8.3045	67.7624	289.0022	2,400.0182	0.1213	0.0013	7.8988
60	0.0011	8.3240	68.8100	897.5969	7,471.6411	0.1204	0.0004	8.1597
100	0.0011	8.3332	69.4336	83,522.2657	696,010.5477	0.1201	0.0001	8.2664
						0.1200		8.3321

Factor Table - $i = 18.00\%$

n	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
1	0.8475	0.8475	0.0000	1.1800	1.0000	1.1800	1.0000	0.0000
2	0.7182	1.5656	0.7182	1.3924	2.1800	0.6387	0.4587	0.4587
3	0.6086	2.1743	1.9354	1.6430	3.5724	0.4599	0.2799	0.8902
4	0.5158	2.6901	3.4828	1.9388	5.2154	0.3717	0.1917	1.2947
5	0.4371	3.1272	5.2312	2.2878	7.1542	0.3198	0.1398	1.6728
6	0.3704	3.4976	7.0834	2.6996	9.4423	0.2859	0.1059	2.0252
7	0.3139	3.8115	8.9670	3.1855	12.1415	0.2624	0.0824	2.3526
8	0.2660	4.0776	10.8292	3.7589	15.3270	0.2452	0.0652	2.6558
9	0.2255	4.3030	12.6329	4.4355	19.0859	0.2324	0.0524	2.9358
10	0.1911	4.4941	14.3525	5.2338	23.5213	0.2225	0.0425	3.1936
11	0.1619	4.6560	15.9716	6.1759	28.7551	0.2148	0.0348	3.4303
12	0.1372	4.7932	17.4811	7.2876	34.9311	0.2086	0.0286	3.6470
13	0.1163	4.9095	18.8765	8.5994	42.2187	0.2037	0.0237	3.8449
14	0.0985	5.0081	20.1576	10.1472	50.8180	0.1997	0.0197	4.0250
15	0.0835	5.0916	21.3269	11.9737	60.9653	0.1964	0.0164	4.1887
16	0.0708	5.1624	22.3885	14.1290	72.9390	0.1937	0.0137	4.3369
17	0.0600	5.2223	23.3482	16.6722	87.0680	0.1915	0.0115	4.4708
18	0.0508	5.2732	24.2123	19.6731	103.7403	0.1896	0.0096	4.5916
19	0.0431	5.3162	24.9877	23.2144	123.4135	0.1881	0.0081	4.7003
20	0.0365	5.3527	25.6813	27.3930	146.6280	0.1868	0.0068	4.7978
21	0.0309	5.3837	26.3000	32.3238	174.0210	0.1857	0.0057	4.8851
22	0.0262	5.4099	26.8506	38.1421	206.3448	0.1848	0.0048	4.9632
23	0.0222	5.4321	27.3394	45.0076	244.4868	0.1841	0.0041	5.0329
24	0.0188	5.4509	27.7725	53.1090	289.4944	0.1835	0.0035	5.0950
25	0.0159	5.4669	28.1555	62.6686	342.6035	0.1829	0.0029	5.1502
30	0.0070	5.5168	29.4864	143.3706	790.9480	0.1813	0.0013	5.3448
40	0.0013	5.5482	30.5269	750.3783	4,163.2130	0.1802	0.0002	5.5022
50	0.0003	5.5541	30.7856	3,927.3569	21,813.0937	0.1800		5.5428
60	0.0001	5.5553	30.8465	20,555.1400	114,189.6665	0.1800		5.5526
100	0.0001	5.5556	30.8642	15,424,131.91	85,689,616.17	0.1800		5.5555

Factor Table - $i = 8.00\%$

n	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
1	0.9259	0.9259	0.0000	1.0800	1.0000	1.0800	1.0000	0.0000
2	0.8573	1.7833	0.8573	1.1664	2.0800	0.5608	0.4808	0.4808
3	0.7938	2.5771	2.4450	1.2597	3.2464	0.3880	0.3080	0.9487
4	0.7350	3.3121	4.6501	1.3605	4.5061	0.3019	0.2219	1.4040
5	0.6806	3.9927	7.3724	1.4693	5.8666	0.2505	0.1705	1.8465
6	0.6302	4.6229	10.5233	1.5869	7.3359	0.2163	0.1363	2.2763
7	0.5835	5.2064	14.0242	1.7138	8.9228	0.1921	0.1121	2.6937
8	0.5403	5.7466	17.8061	1.8509	10.6366	0.1740	0.0940	3.0985
9	0.5002	6.2469	21.8081	1.9990	12.4876	0.1601	0.0801	3.4910
10	0.4632	6.7101	25.9768	2.1589	14.4866	0.1490	0.0690	3.8713
11	0.4289	7.1390	30.2657	2.3316	16.6455	0.1401	0.0601	4.2395
12	0.3971	7.5361	34.6339	2.5182	18.9771	0.1327	0.0527	4.5957
13	0.3677	7.9038	39.0463	2.7196	21.4953	0.1265	0.0465	4.9402
14	0.3405	8.2442	43.4723	2.9372	24.2149	0.1213	0.0413	5.2731
15	0.3152	8.5595	47.8857	3.1722	27.1521	0.1168	0.0368	5.5945
16	0.2919	8.8514	52.2640	3.4259	30.3243	0.1130	0.0330	5.9046
17	0.2703	9.1216	56.5883	3.7000	33.7502	0.1096	0.0296	6.2037
18	0.2502	9.3719	60.8426	3.9960	37.4502	0.1067	0.0267	6.4920
19	0.2317	9.6036	65.0134	4.3157	41.4463	0.1041	0.0241	6.7697
20	0.2145	9.8181	69.0898	4.6610	45.7620	0.1019	0.0219	7.0369
21	0.1987	10.0168	73.0629	5.0338	50.4229	0.0998	0.0198	7.2940
22	0.1839	10.2007	76.9257	5.4365	55.4568	0.0980	0.0180	7.5412
23	0.1703	10.3711	80.6726	5.8715	60.8933	0.0964	0.0164	7.7786
24	0.1577	10.5288	84.2997	6.3412	66.7648	0.0950	0.0150	8.0066
25	0.1460	10.6748	87.8041	6.8485	73.1059	0.0937	0.0137	8.2254
30	0.0994	11.2578	103.4558	10.0627	113.2832	0.0888	0.0088	9.1897
40	0.0460	11.9246	126.0422	21.7245	259.0565	0.0839	0.0039	10.5699
50	0.0213	12.2335	139.5928	46.9016	573.7702	0.0817	0.0017	11.4107
60	0.0099	12.3766	147.3000	101.2571	1,253.2133	0.0808	0.0008	11.9015
100	0.0005	12.4943	155.6107	2,199.7613	27,484.5157	0.0800		12.4545

Factor Table - $i = 10.00\%$

n	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
1	0.9091	0.9091	0.0000	1.1000	1.0000	1.1000	1.0000	0.0000
2	0.8264	1.7355	0.8264	1.2100	2.1000	0.5762	0.4762	0.4762
3	0.7513	2.4869	2.3291	1.3310	3.3100	0.4021	0.3021	0.9366
4	0.6830	3.1699	4.3781	1.4641	4.6410	0.3155	0.2155	1.3812
5	0.6209	3.7908	6.8618	1.6105	6.1051	0.2638	0.1638	1.8101
6	0.5645	4.3553	9.6842	1.7716	7.7156	0.2296	0.1296	2.2236
7	0.5132	4.8684	12.7631	1.9487	9.4872	0.2054	0.1054	2.6216
8	0.4665	5.3349	16.0287	2.1436	11.4359	0.1874	0.0874	3.0045
9	0.4241	5.7590	19.4215	2.3579	13.5735	0.1736	0.0736	3.3724
10	0.3855	6.1446	22.8913	2.5937	15.9374	0.1627	0.0627	3.7255
11	0.3505	6.4951	26.3962	2.8531	18.5312	0.1540	0.0540	4.0641
12	0.3186	6.8137	29.9012	3.1384	21.3843	0.1468	0.0468	4.3884
13	0.2897	7.1034	33.3772	3.4523	24.5227	0.1408	0.0408	4.6988
14	0.2633	7.3667	36.8005	3.7975	27.9750	0.1357	0.0357	4.9955
15	0.2394	7.6061	40.1520	4.1772	31.7725	0.1315	0.0315	5.2789
16	0.2176	7.8237	43.4164	4.5950	35.9497	0.1278	0.0278	5.5493
17	0.1978	8.0216	46.5819	5.0545	40.5447	0.1247	0.0247	5.8071
18	0.1799	8.2014	49.6395	5.5599	45.5992	0.1219	0.0219	6.0526
19	0.1635	8.3649	52.5827	6.1159	51.1591	0.1195	0.0195	6.2861
20	0.1486	8.5136	55.4069	6.7275	57.2750	0.1175	0.0175	6.5081
21	0.1351	8.6487	58.1095	7.4002	64.0025	0.1156	0.0156	6.7189
22	0.1228	8.7715	60.6893	8.1403	71.4027	0.1140	0.0140	6.9189
23	0.1117	8.8832	63.1462	8.9543	79.5430	0.1126	0.0126	7.1085
24	0.1015	8.9847	65.4813	9.8497	88.4973	0.1113	0.0113	7.2881
25	0.0923	9.0770	67.6964	10.8347	98.3471	0.1102	0.0102	7.4580
30	0.0573	9.4269	77.0766	17.4494	164.4940	0.1061	0.0061	8.1762
40	0.0221	9.7791	88.9525	45.2593	442.5926	0.1023	0.0023	9.0962
50	0.0085	9.9148	94.8889	117.3909	1,163.9085	0.1009	0.0009	9.5704
60	0.0033	9.9672	97.7010	304.4816	3,034.8164	0.1003	0.0003	9.8023
100	0.0001	9.9993	99.9202	13,780.6123	137,796.1234	0.1000		9.9927

Factor Table - $i = 4.00\%$

	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
	0.9615	0.9615	0.0000	1.0400	1.0000	1.0400	1.0000	0.0000
	0.9246	1.8861	0.9246	1.0816	2.0400	0.5302	0.4902	0.4902
	0.8890	2.7751	2.7025	1.1249	3.1216	0.3603	0.3203	0.9739
	0.8548	3.6299	5.2670	1.1699	4.2465	0.2755	0.2355	1.4510
	0.8219	4.4518	8.5547	1.2167	5.4163	0.2246	0.1846	1.9216
	0.7903	5.2421	12.5062	1.2653	6.6330	0.1908	0.1508	2.3857
	0.7599	6.0021	17.0657	1.3159	7.8983	0.1666	0.1266	2.8433
	0.7307	6.7327	22.1806	1.3686	9.2142	0.1485	0.1085	3.2944
	0.7026	7.4353	27.8013	1.4233	10.5828	0.1345	0.0945	3.7391
	0.6756	8.1109	33.8814	1.4802	12.0061	0.1233	0.0833	4.1773
	0.6496	8.7605	40.3772	1.5395	13.4864	0.1141	0.0741	4.6090
	0.6246	9.3851	47.2477	1.6010	15.0258	0.1066	0.0666	5.0343
	0.6006	9.9856	54.4546	1.6651	16.6268	0.1001	0.0601	5.4533
	0.5775	10.5631	61.9618	1.7317	18.2919	0.0947	0.0547	5.8659
	0.5553	11.1184	69.7355	1.8009	20.0236	0.0899	0.0499	6.2721
	0.5339	11.6523	77.7441	1.8730	21.8245	0.0858	0.0458	6.6720
	0.5134	12.1657	85.9581	1.9479	23.6975	0.0822	0.0422	7.0656
	0.4936	12.6593	94.3498	2.0258	25.6454	0.0790	0.0390	7.4530
	0.4746	13.1339	102.8933	2.1068	27.6712	0.0761	0.0361	7.8342
	0.4564	13.5903	111.5647	2.1911	29.7781	0.0736	0.0336	8.2091
	0.4388	14.0292	120.3414	2.2788	31.9692	0.0713	0.0313	8.5779
	0.4220	14.4511	129.2024	2.3699	34.2480	0.0692	0.0292	8.9407
	0.4057	14.8568	138.1284	2.4647	36.6179	0.0673	0.0273	9.2973
	0.3901	15.2470	147.1012	2.5633	39.0826	0.0656	0.0256	9.6479
	0.3751	15.6221	156.1040	2.6658	41.6459	0.0640	0.0240	9.9925
	0.3083	17.2920	201.0618	3.2434	56.0849	0.0578	0.0178	11.6274
	0.2083	19.7928	286.5303	4.8010	95.0255	0.0505	0.0105	14.4765
	0.1407	21.4822	361.1638	7.1067	152.6671	0.0466	0.0066	16.8122
	0.0951	22.6235	422.9966	10.5196	237.9907	0.0442	0.0042	18.6972
	0.0198	24.5050	563.1249	50.5049	1,237.6237	0.0408	0.0008	22.9800

Factor Table - $i = 6.00\%$

	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
	0.9434	0.9434	0.0000	1.0600	1.0000	1.0600	1.0000	0.0000
1	0.8900	1.8334	0.8900	1.1236	2.0600	0.5454	0.4854	0.4854
2	0.8396	2.6730	2.5692	1.1910	3.1836	0.3741	0.3141	0.9612
3	0.7921	3.4651	4.9455	1.2625	4.3746	0.2886	0.2286	1.4272
4	0.7473	4.2124	7.9345	1.3382	5.6371	0.2374	0.1774	1.8836
5	0.7050	4.9173	11.4594	1.4185	6.9753	0.2034	0.1434	2.3304
6	0.6651	5.5824	15.4497	1.5036	8.3938	0.1791	0.1191	2.7676
7	0.6274	6.2098	19.8416	1.5938	9.8975	0.1610	0.1010	3.1952
8	0.5919	6.8017	24.5768	1.6895	11.4913	0.1470	0.0870	3.6133
9	0.5584	7.3601	29.6023	1.7908	13.1808	0.1359	0.0759	4.0220
10	0.5268	7.8869	34.8702	1.8983	14.9716	0.1268	0.0668	4.4213
11	0.4970	8.3838	40.3369	2.0122	16.8699	0.1193	0.0593	4.8113
12	0.4688	8.8527	45.9629	2.1329	18.8821	0.1130	0.0530	5.1920
13	0.4423	9.2950	51.7128	2.2609	21.0151	0.1076	0.0476	5.5635
14	0.4173	9.7122	57.5546	2.3966	23.2760	0.1030	0.0430	5.9260
15	0.3936	10.1059	63.4592	2.5404	25.6725	0.0990	0.0390	6.2794
16	0.3714	10.4773	69.4011	2.6928	28.2129	0.0954	0.0354	6.6240
17	0.3505	10.8276	75.3569	2.8543	30.9057	0.0924	0.0324	6.9597
18	0.3305	11.1581	81.3062	3.0256	33.7600	0.0896	0.0296	7.2867
19	0.3118	11.4699	87.2304	3.2071	36.7856	0.0872	0.0272	7.6051
20	0.2942	11.7641	93.1136	3.3996	39.9927	0.0850	0.0250	7.9151
21	0.2775	12.0416	98.9412	3.6035	43.3923	0.0830	0.0230	8.2166
22	0.2618	12.3034	104.7007	3.8197	46.9958	0.0813	0.0213	8.5099
23	0.2470	12.5504	110.3812	4.0489	50.8156	0.0797	0.0197	8.7951
24	0.2330	12.7834	115.9732	4.2919	54.8645	0.0782	0.0182	9.0722
25	0.1741	13.7648	142.3588	5.7435	79.0582	0.0726	0.0126	10.3422
30	0.0972	15.0463	185.9568	10.2857	154.7620	0.0665	0.0065	12.3590
40	0.0543	16.1614	239.0428	18.4202	290.3359	0.0634	0.0034	13.7964
50	0.0303	16.6175	272.0471	32.9877	533.1282	0.0619	0.0019	14.7909
60	0.0029			339.3021	5,638.3681	0.0602	0.0002	16.3711

Factor Table - $i = 1.50\%$

n	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
1	0.9832	0.9832	0.0000	1.0150	1.0000	1.0150	1.0000	0.0000
2	0.9707	1.9359	0.9707	1.0302	2.0150	0.5113	0.4963	0.4963
3	0.9563	2.9122	2.8813	1.0457	3.0452	0.3434	0.2284	0.9961
4	0.9422	3.8244	5.7098	1.0614	4.0909	0.2594	0.2444	1.4814
5	0.9283	4.7826	9.4229	1.0773	5.1523	0.2091	0.1941	1.9701
6	0.9145	5.6972	13.0056	1.0934	6.2296	0.1755	0.1605	2.4566
7	0.9010	6.5982	19.4018	1.1098	7.3220	0.1516	0.1368	2.9403
8	0.8877	7.4859	26.6137	1.1265	8.4328	0.1336	0.1186	3.4219
9	0.8746	8.3605	32.6125	1.1434	9.5593	0.1196	0.1046	3.9008
10	0.8617	9.2222	40.3675	1.1605	10.7027	0.1084	0.0934	4.3772
11	0.8489	10.0711	48.8568	1.1779	11.8633	0.0993	0.0843	4.8512
12	0.8364	10.9075	58.0571	1.1956	13.0417	0.0917	0.0767	5.3227
13	0.8240	11.7313	67.9459	1.2136	14.2368	0.0852	0.0702	5.7917
14	0.8118	12.5434	78.4994	1.2318	15.4504	0.0797	0.0647	6.2582
15	0.7999	13.3432	89.6974	1.2502	16.6821	0.0749	0.0599	6.7223
16	0.7880	14.1313	101.5178	1.2690	17.9324	0.0708	0.0558	7.1839
17	0.7764	14.9076	113.9460	1.2880	19.2014	0.0671	0.0521	7.6431
18	0.7649	15.6726	126.9435	1.3073	20.4894	0.0638	0.0488	8.0997
19	0.7536	16.4262	140.5084	1.3270	21.7967	0.0609	0.0459	8.5539
20	0.7425	17.1686	154.6154	1.3469	23.1237	0.0582	0.0432	9.0057
21	0.7315	17.9001	169.2453	1.3671	24.4705	0.0559	0.0409	9.4550
22	0.7207	18.6208	184.3798	1.3876	25.8376	0.0537	0.0387	9.9018
23	0.7100	19.3309	200.0006	1.4084	27.2251	0.0517	0.0367	10.3462
24	0.6995	20.0304	216.0901	1.4295	28.6335	0.0499	0.0349	10.7881
25	0.6892	20.7196	232.6310	1.4509	30.0630	0.0483	0.0333	11.2276
30	0.6598	24.0158	321.3310	1.3831	37.3387	0.0416	0.0266	13.3883
40	0.5513	29.9158	524.3568	1.8140	54.2679	0.0334	0.0184	17.5277
50	0.4730	34.9997	749.9636	2.1032	73.6828	0.0286	0.0136	21.4277
60	0.4093	39.3803	988.1674	2.4432	96.2147	0.0254	0.0104	25.0930
100	0.2286	51.6247	1,937.4506	4.4320	228.8030	0.0194	0.0044	37.5298

Factor Table - $i = 2.00\%$

n	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
1	0.9804	0.9804	0.0000	1.0200	1.0000	1.0200	1.0000	0.0000
2	0.9612	1.9416	0.9612	1.0404	2.0200	0.5150	0.4950	0.4950
3	0.9423	2.8839	2.8458	1.0612	3.0604	0.3468	0.3268	0.9868
4	0.9238	3.8077	5.6173	1.0824	4.1216	0.2626	0.2426	1.4732
5	0.9057	4.7135	9.2403	1.1041	5.2040	0.2122	0.1922	1.9604
6	0.8880	5.6014	13.6801	1.1262	6.3081	0.1785	0.1585	2.4423
7	0.8706	6.4720	18.9035	1.1487	7.4343	0.1545	0.1345	2.9208
8	0.8535	7.3255	24.8779	1.1717	8.5830	0.1365	0.1165	3.3961
9	0.8368	8.1622	31.5720	1.1951	9.7546	0.1225	0.1025	3.8681
10	0.8204	8.9826	38.9851	1.2190	10.9497	0.1113	0.0913	4.3367
11	0.8043	9.7868	46.9977	1.2434	12.1687	0.1023	0.0823	4.8021
12	0.7885	10.5753	55.6712	1.2682	13.4121	0.0946	0.0746	5.2642
13	0.7730	11.3484	64.9475	1.2936	14.6803	0.0881	0.0681	5.7231
14	0.7579	12.1062	74.7999	1.3195	15.9739	0.0826	0.0626	6.1795
15	0.7430	12.8493	85.2021	1.3459	17.2934	0.0778	0.0578	6.6309
16	0.7284	13.5777	96.1288	1.3728	18.6393	0.0737	0.0537	7.0799
17	0.7142	14.2919	107.5554	1.4002	20.0121	0.0700	0.0500	7.5256
18	0.7002	14.9920	119.4581	1.4282	21.4123	0.0667	0.0467	7.9681
19	0.6864	15.6785	131.8339	1.4568	22.8406	0.0638	0.0438	8.4073
20	0.6730	16.3514	144.6803	1.4859	24.2974	0.0612	0.0412	8.8433
21	0.6598	17.0112	157.9959	1.5157	25.7833	0.0588	0.0388	9.2760
22	0.6468	17.6580	171.3795	1.5460	27.2990	0.0566	0.0366	9.7055
23	0.6342	18.2922	185.3309	1.5769	28.8450	0.0547	0.0347	10.1317
24	0.6217	18.9139	199.6305	1.6084	30.4219	0.0529	0.0329	10.5547
25	0.6095	19.5235	214.2592	1.6406	32.0303	0.0512	0.0312	10.9745
30	0.5521	22.7965	291.7164	1.8114	40.5681	0.0446	0.0246	13.0251
40	0.4529	27.3555	461.9831	2.3080	60.4020	0.0366	0.0166	16.8885
50	0.3735	31.4236	642.3609	2.6916	84.5794	0.0318	0.0118	20.4420
60	0.3048	34.7909	823.0975	3.2810	114.0315	0.0288	0.0088	23.6961
100	0.1388	43.0864	1,464.7527	7.3446	312.2323	0.0232	0.0032	33.9863

Factor Table - $i = 0.50\%$

n	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
1	0.9950	0.9950	0.0000	1.0050	1.0000	1.0050	1.0000	0.0000
2	0.9901	1.9851	0.9901	1.0100	2.0050	0.5038	0.4988	0.4988
3	0.9851	2.9702	2.9604	1.0151	3.0150	0.3367	0.3317	0.9967
4	0.9802	3.9555	3.9011	1.0202	4.0301	0.2531	0.2481	1.4938
5	0.9754	4.9299	4.8026	1.0253	5.0503	0.2030	0.1980	1.9900
6	0.9705	5.8964	5.6532	1.0304	6.0755	0.1696	0.1646	2.4855
7	0.9657	6.8621	6.4493	1.0355	7.1059	0.1457	0.1407	2.9801
8	0.9609	7.8230	7.1755	1.0407	8.1414	0.1278	0.1228	3.4738
9	0.9561	8.7791	7.8264	1.0459	9.1821	0.1139	0.1089	3.9668
10	0.9513	9.7364	8.3865	1.0511	10.2280	0.1028	0.0978	4.4589
11	0.9466	10.6770	8.9536	1.0564	11.2792	0.0937	0.0887	4.9501
12	0.9419	11.6189	9.5213	1.0617	12.3356	0.0861	0.0811	5.4406
13	0.9372	12.5562	10.0902	1.0670	13.3972	0.0796	0.0746	5.9302
14	0.9326	13.4887	10.6605	1.0723	14.4642	0.0741	0.0691	6.4190
15	0.9279	14.4166	11.2334	1.0777	15.5365	0.0694	0.0644	6.9069
16	0.9233	15.3399	11.8088	1.0831	16.6142	0.0652	0.0602	7.3940
17	0.9187	16.2586	12.3868	1.0885	17.6973	0.0615	0.0565	7.8803
18	0.9141	17.1728	12.9674	1.0939	18.7858	0.0582	0.0532	8.3658
19	0.9096	18.0824	13.5506	1.0994	19.8797	0.0553	0.0503	8.8504
20	0.9051	18.9874	14.1364	1.1049	20.9791	0.0527	0.0477	9.3342
21	0.9006	19.8880	14.7248	1.1104	22.0840	0.0503	0.0453	9.8172
22	0.8961	20.7841	15.3159	1.1160	23.1944	0.0481	0.0431	10.2993
23	0.8916	21.6757	15.9098	1.1216	24.3104	0.0461	0.0411	10.7806
24	0.8872	22.5629	16.5066	1.1272	25.4320	0.0443	0.0393	11.2611
25	0.8828	23.4456	17.1064	1.1328	26.5591	0.0427	0.0377	11.7407
30	0.8610	27.7941	19.2224	1.1614	32.2800	0.0360	0.0310	14.1265
40	0.8191	36.1722	24.3347	1.2208	44.1588	0.0276	0.0226	18.8359
50	0.7793	44.1428	28.6966	1.2832	56.6452	0.0227	0.0177	23.4624
60	0.7414	51.7256	32.4458	1.3489	69.7700	0.0193	0.0143	28.0064
100	0.6073	78.5426	46.7934	1.6467	129.3337	0.0127	0.0077	45.3613

Factor Table - $i = 1.00\%$

n	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
1	0.9901	0.9901	0.0000	1.0100	1.0000	1.0100	1.0000	0.0000
2	0.9803	1.9704	0.9803	1.0201	2.0100	0.5075	0.4975	0.4975
3	0.9706	2.9410	2.9215	1.0303	3.0301	0.3400	0.3300	0.9934
4	0.9610	3.9020	3.8044	1.0406	4.0604	0.2563	0.2463	1.4876
5	0.9515	4.8534	4.6103	1.0510	5.1010	0.2060	0.1960	1.9801
6	0.9420	5.7955	5.3205	1.0615	6.1520	0.1725	0.1625	2.4710
7	0.9327	6.7282	5.9168	1.0721	7.2135	0.1486	0.1386	2.9602
8	0.9235	7.6517	6.3812	1.0829	8.2857	0.1307	0.1207	3.4478
9	0.9143	8.5650	6.8099	1.0937	9.3685	0.1167	0.1067	3.9337
10	0.9053	9.4713	7.2035	1.1046	10.4622	0.1056	0.0956	4.4179
11	0.8963	10.3676	7.5627	1.1157	11.5668	0.0965	0.0865	4.9005
12	0.8874	11.2551	7.8887	1.1268	12.6825	0.0888	0.0788	5.3815
13	0.8787	12.1337	8.1816	1.1381	13.8093	0.0824	0.0724	5.8607
14	0.8700	13.0037	8.4421	1.1495	14.9474	0.0769	0.0669	6.3384
15	0.8613	13.8651	8.6710	1.1610	16.0969	0.0721	0.0621	6.8143
16	0.8528	14.7179	8.8684	1.1726	17.2579	0.0679	0.0579	7.2886
17	0.8444	15.5623	9.0344	1.1843	18.4304	0.0643	0.0543	7.7613
18	0.8360	16.3983	9.1695	1.1961	19.6147	0.0610	0.0510	8.2323
19	0.8277	17.2260	9.2744	1.2081	20.8109	0.0581	0.0481	8.7017
20	0.8195	18.0456	9.3500	1.2202	22.0190	0.0554	0.0454	9.1694
21	0.8114	18.8570	9.3971	1.2324	23.2392	0.0530	0.0430	9.6354
22	0.8034	19.6604	9.4166	1.2447	24.4716	0.0509	0.0409	10.0998
23	0.7954	20.4558	9.4094	1.2572	25.7163	0.0489	0.0389	10.5626
24	0.7876	21.2434	9.3754	1.2697	26.9735	0.0471	0.0371	11.0237
25	0.7798	22.0232	9.3156	1.2824	28.2432	0.0454	0.0354	11.4831
30	0.7419	25.8077	9.5021	1.3478	34.7849	0.0387	0.0277	13.7557
40	0.6717	32.8347	9.8561	1.4889	48.8864	0.0305	0.0205	18.1776
50	0.6080	39.1961	10.192	1.6446	64.4632	0.0255	0.0155	22.4363
60	0.5504	44.9550	10.4289	1.8167	81.6697	0.0222	0.0122	26.5333
100	0.3697	63.0289	11.7048	2.7048	170.4814	0.0159	0.0059	41.3426

Factor Table - $i = 4.00\%$

ENGINEERING ECONOMICS (continued)

n	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
1	0.9615	0.9615	0.0000	1.0400	1.0000	1.0400	1.0000	0.0000
2	0.9246	1.8861	0.9246	1.0816	2.0400	0.5302	0.4902	0.4902
3	0.8890	2.7751	2.7025	1.1249	3.1216	0.3603	0.3203	0.9739
4	0.8548	3.6299	5.2670	1.1699	4.2465	0.2755	0.2355	1.4510
5	0.8219	4.4518	8.5547	1.2167	5.4163	0.2246	0.1846	1.9216
6	0.7903	5.2421	12.5062	1.2653	6.6330	0.1908	0.1508	2.3857
7	0.7599	6.0021	17.0657	1.3159	7.8983	0.1666	0.1266	2.8433
8	0.7307	6.7327	22.1806	1.3686	9.2142	0.1485	0.1085	3.2944
9	0.7026	7.4353	27.8013	1.4233	10.5828	0.1345	0.0945	3.7391
10	0.6756	8.1109	33.8814	1.4802	12.0061	0.1233	0.0833	4.1773
11	0.6496	8.7605	40.3772	1.5395	13.4864	0.1141	0.0741	4.6090
12	0.6246	9.3851	47.2477	1.6010	15.0258	0.1066	0.0666	5.0343
13	0.6006	9.9856	54.4546	1.6651	16.6268	0.1001	0.0601	5.4533
14	0.5775	10.5631	61.9618	1.7317	18.2919	0.0947	0.0547	5.8659
15	0.5553	11.1184	69.7355	1.8009	20.0236	0.0899	0.0499	6.2721
16	0.5339	11.6523	77.7441	1.8730	21.8245	0.0858	0.0458	6.6720
17	0.5134	12.1657	85.9581	1.9479	23.6975	0.0822	0.0422	7.0656
18	0.4936	12.6593	94.3498	2.0258	25.6454	0.0790	0.0390	7.4530
19	0.4746	13.1339	102.8933	2.1068	27.6712	0.0761	0.0361	7.8342
20	0.4564	13.5903	111.5647	2.1911	29.7781	0.0736	0.0336	8.2091
21	0.4388	14.0292	120.3414	2.2788	31.9692	0.0713	0.0313	8.5779
22	0.4220	14.4511	129.2024	2.3699	34.2480	0.0692	0.0292	8.9407
23	0.4057	14.8568	138.1284	2.4647	36.6179	0.0673	0.0273	9.2973
24	0.3901	15.2470	147.1012	2.5633	39.0826	0.0656	0.0256	9.6479
25	0.3751	15.6221	156.1040	2.6658	41.6459	0.0640	0.0240	9.9925
30	0.3083	17.2920	201.0618	3.2434	56.0849	0.0578	0.0178	11.6274
40	0.2083	19.7928	286.5303	4.8010	95.0255	0.0505	0.0105	14.4765
50	0.1407	21.4822	361.1638	7.1067	152.6671	0.0466	0.0066	16.8122
60	0.0951	22.6235	422.9966	10.5196	237.9907	0.0442	0.0042	18.6972
100	0.0198	24.5050	563.1249	50.5049	1,237.6237	0.0408	0.0008	22.9800

Factor Table - $i = 6.00\%$

n	P/F	P/A	P/G	F/P	F/A	A/P	A/F	A/G
1	0.9434	0.9434	0.0000	1.0600	1.0000	1.0600	1.0000	0.0000
2	0.8900	1.8334	0.8900	1.1236	2.0600	0.5454	0.4854	0.4854
3	0.8396	2.6730	2.5692	1.1910	3.1836	0.3741	0.3141	0.9612
4	0.7921	3.4651	4.9455	1.2625	4.3746	0.2886	0.2286	1.4272
5	0.7473	4.2124	7.9345	1.3382	5.6371	0.2374	0.1774	1.8836
6	0.7050	4.9173	11.4594	1.4185	6.9753	0.2034	0.1434	2.3304
7	0.6651	5.5824	15.4497	1.5036	8.3938	0.1791	0.1191	2.7676
8	0.6274	6.2098	19.8416	1.5938	9.8975	0.1610	0.1010	3.1952
9	0.5919	6.8017	24.5768	1.6895	11.4913	0.1470	0.0870	3.6133
10	0.5584	7.3601	29.6023	1.7908	13.1808	0.1359	0.0759	4.0220
11	0.5268	7.8869	34.8702	1.8983	14.9716	0.1268	0.0668	4.4213
12	0.4970	8.3838	40.3369	2.0122	16.8699	0.1193	0.0593	4.8113
13	0.4688	8.8527	45.9629	2.1329	18.8821	0.1130	0.0530	5.1920
14	0.4423	9.2950	51.7128	2.2609	21.0151	0.1076	0.0476	5.5635
15	0.4173	9.7122	57.5846	2.3966	23.2760	0.1030	0.0430	5.9260
16	0.3936	10.1059	63.4592	2.5404	25.6725	0.0990	0.0390	6.2794
17	0.3714	10.4773	69.4011	2.6928	28.2129	0.0954	0.0354	6.6240
18	0.3505	10.8276	75.3569	2.8543	30.9057	0.0924	0.0324	6.9597
19	0.3305	11.1581	81.3062	3.0256	33.7600	0.0896	0.0296	7.2867
20	0.3118	11.4699	87.2304	3.2071	36.7856	0.0872	0.0272	7.6051
21	0.2942	11.7641	93.1136	3.3996	39.9927	0.0850	0.0250	7.9151
22	0.2775	12.0416	98.9412	3.6035	43.3923	0.0830	0.0230	8.2166
23	0.2618	12.3034	104.7007	3.8197	46.9958	0.0813	0.0213	8.5099
24	0.2470	12.5504	110.3812	4.0489	50.8156	0.0797	0.0197	8.7951
25	0.2330	12.7834	115.9732	4.2919	54.8645	0.0782	0.0182	9.0722
30	0.1741	13.7648	142.3588	5.7435	79.0582	0.0726	0.0126	10.3422
40	0.0972	15.0463	185.9568	10.2857	154.7620	0.0665	0.0065	12.3590
50	0.0543	15.7619	217.4574	18.4202	290.3359	0.0634	0.0034	13.7964
60	0.0303	16.1614	239.0428	32.9877	533.1282	0.0619	0.0019	14.7909
100	0.0029	16.6175	272.0471	139.3021	5,638.3681	0.0602	0.0002	16.3711