

INSTITUTO TECNOLOGICO DE CHIHUAHUA

i= 11.0%

INGENIERIA ECONOMICA

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.1100	0.9009	1.0000	1.00000	0.9009	1.11000	0.0000	0.0000
2	1.2321	0.8116	2.1100	0.47393	1.7125	0.58393	0.8116	0.4739
3	1.3676	0.7312	3.3421	0.29921	2.4437	0.40921	2.2740	0.9306
4	1.5181	0.6587	4.7097	0.21233	3.1024	0.32233	4.2502	1.3700
5	1.6851	0.5935	6.2278	0.16057	3.6959	0.27057	6.6240	1.7923
6	1.8704	0.5346	7.9129	0.12638	4.2305	0.23638	9.2972	2.1976
7	2.0762	0.4817	9.7833	0.10222	4.7122	0.21222	12.1872	2.5863
8	2.3045	0.4339	11.8594	0.08432	5.1461	0.19432	15.2246	2.9585
9	2.5580	0.3909	14.1640	0.07060	5.5370	0.18060	18.3520	3.3144
10	2.8394	0.3522	16.7220	0.05980	5.8892	0.16980	21.5217	3.6544
11	3.1518	0.3173	19.5614	0.05112	6.2065	0.16112	24.6945	3.9788
12	3.4985	0.2858	22.7132	0.04403	6.4924	0.15403	27.8388	4.2879
13	3.8833	0.2575	26.2116	0.03815	6.7499	0.14815	30.9290	4.5822
14	4.3104	0.2320	30.0949	0.03323	6.9819	0.14323	33.9449	4.8619
15	4.7846	0.2090	34.4054	0.02907	7.1909	0.13907	36.8709	5.1275
16	5.3109	0.1883	39.1899	0.02552	7.3792	0.13552	39.6953	5.3794
17	5.8951	0.1696	44.5008	0.02247	7.5488	0.13247	42.4095	5.6180
18	6.5436	0.1528	50.3959	0.01984	7.7016	0.12984	45.0074	5.8439
19	7.2633	0.1377	56.9395	0.01756	7.8393	0.12756	47.4856	6.0574
20	8.0623	0.1240	64.2028	0.01558	7.9633	0.12558	49.8423	6.2590
21	8.9492	0.1117	72.2651	0.01384	8.0751	0.12384	52.0771	6.4491
22	9.9336	0.1007	81.2143	0.01231	8.1757	0.12231	54.1912	6.6283
23	11.0263	0.0907	91.1479	0.01097	8.2664	0.12097	56.1864	6.7969
24	12.2392	0.0817	102.1742	0.00979	8.3481	0.11979	58.0656	6.9555
25	13.5855	0.0736	114.4133	0.00874	8.4217	0.11874	59.8322	7.1045
26	15.0799	0.0663	127.9988	0.00781	8.4881	0.11781	61.4900	7.2443
27	16.7386	0.0597	143.0786	0.00699	8.5478	0.11699	63.0433	7.3754
28	18.5799	0.0538	159.8173	0.00626	8.6016	0.11626	64.4965	7.4982
29	20.6237	0.0485	178.3972	0.00561	8.6501	0.11561	65.8542	7.6131
30	22.8923	0.0437	199.0209	0.00502	8.6938	0.11502	67.1210	7.7206
31	25.4104	0.0394	221.9132	0.00451	8.7331	0.11451	68.3016	7.8210
32	28.2056	0.0355	247.3236	0.00404	8.7686	0.11404	69.4007	7.9147
33	31.3082	0.0319	275.5292	0.00363	8.8005	0.11363	70.4228	8.0021
34	34.7521	0.0288	306.8374	0.00326	8.8293	0.11326	71.3724	8.0836
35	38.5749	0.0259	341.5896	0.00293	8.8552	0.11293	72.2538	8.1594
36	42.8181	0.0234	380.1644	0.00263	8.8786	0.11263	73.0712	8.2300
37	47.5281	0.0210	422.9825	0.00236	8.8996	0.11236	73.8286	8.2957
38	52.7562	0.0190	470.5106	0.00213	8.9186	0.11213	74.5300	8.3567
39	58.5593	0.0171	523.2667	0.00191	8.9357	0.11191	75.1789	8.4133
40	65.0009	0.0154	581.8261	0.00172	8.9511	0.11172	75.7789	8.4659
41	72.1510	0.0139	646.8269	0.00155	8.9649	0.11155	76.3333	8.5147
42	80.0876	0.0125	718.9779	0.00139	8.9774	0.11139	76.8452	8.5599
44	98.6759	0.0101	887.9627	0.00113	8.9988	0.11113	77.7534	8.6404
45	109.5302	0.0091	986.6386	0.00101	9.0079	0.11101	78.1551	8.6763
46	121.5786	0.0082	1096.1688	0.00091	9.0161	0.11091	78.5253	8.7094
47	134.9522	0.0074	1217.7474	0.00082	9.0235	0.11082	78.8661	8.7400
48	149.7970	0.0067	1352.6996	0.00074	9.0302	0.11074	79.1799	8.7683
50	184.5648	0.0054	1668.7712	0.00060	9.0417	0.11060	79.7341	8.8185
55	311.0025	0.0032	2818.2042	0.00035	9.0617	0.11035	80.7712	8.9135
60	524.0572	0.0019	4755.0658	0.00021	9.0736	0.11021	81.4461	8.9762
65	883.0669	0.0011	8018.7903	0.00012	9.0806	0.11012	81.8819	9.0172
70	1488.0191	0.0007	13518.3557	0.00007	9.0848	0.11007	82.1614	9.0438
72	1833.3884	0.0005	16658.0761	0.00006	9.0860	0.11006	82.2425	9.0516
75	2507.3988	0.0004	22785.4434	0.00004	9.0873	0.11004	82.3397	9.0610
80	4225.1128	0.0002	38401.0250	0.00003	9.0888	0.11003	82.4529	9.0720
84	6414.0186	0.0002	58300.1695	0.00002	9.0895	0.11002	82.5127	9.0778
85	7119.5607	0.0001	64714.1881	0.00002	9.0896	0.11002	82.5245	9.0790
96	22439.1274	0.0000	203982.976	0.00000	9.0905	0.11000	82.6021	9.0866
100	34064.1753	0.0000	309665.230	0.00000	9.0906	0.11000	82.6155	9.0880

i= 12.00%		INGENIERIA ECONOMICA				ING. JAVIER VILLARREAL POSADA		
n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.1200	0.8929	1.0000	1.00000	0.8929	1.12000	0.0000	0.0000
2	1.2544	0.7972	2.1200	0.47170	1.6901	0.59170	0.7972	0.4717
3	1.4049	0.7118	3.3744	0.29635	2.4018	0.41635	2.2208	0.9246
4	1.5735	0.6355	4.7793	0.20923	3.0373	0.32923	4.1273	1.3589
5	1.7623	0.5674	6.3528	0.15741	3.6048	0.27741	6.3970	1.7746
6	1.9738	0.5066	8.1152	0.12323	4.1114	0.24323	8.9302	2.1720
7	2.2107	0.4523	10.0890	0.09912	4.5638	0.21912	11.6443	2.5515
8	2.4760	0.4039	12.2997	0.08130	4.9676	0.20130	14.4714	2.9131
9	2.7731	0.3606	14.7757	0.06768	5.3282	0.18768	17.3563	3.2574
10	3.1058	0.3220	17.5487	0.05698	5.6502	0.17698	20.2541	3.5847
11	3.4785	0.2875	20.6546	0.04842	5.9377	0.16842	23.1288	3.8953
12	3.8960	0.2567	24.1331	0.04144	6.1944	0.16144	25.9523	4.1897
13	4.3635	0.2292	28.0291	0.03568	6.4235	0.15568	28.7024	4.4683
14	4.8871	0.2046	32.3926	0.03087	6.6282	0.15087	31.3624	4.7317
15	5.4736	0.1827	37.2797	0.02682	6.8109	0.14682	33.9202	4.9803
16	6.1304	0.1631	42.7533	0.02339	6.9740	0.14339	36.3670	5.2147
17	6.8660	0.1456	48.8837	0.02046	7.1196	0.14046	38.6973	5.4353
18	7.6900	0.1300	55.7497	0.01794	7.2497	0.13794	40.9080	5.6427
19	8.6128	0.1161	63.4397	0.01576	7.3658	0.13576	42.9979	5.8375
20	9.6463	0.1037	72.0524	0.01388	7.4694	0.13388	44.9676	6.0202
21	10.8038	0.0926	81.6987	0.01224	7.5620	0.13224	46.8188	6.1913
22	12.1003	0.0826	92.5026	0.01081	7.6446	0.13081	48.5543	6.3514
23	13.5523	0.0738	104.6029	0.00956	7.7184	0.12956	50.1776	6.5010
24	15.1786	0.0659	118.1552	0.00846	7.7843	0.12846	51.6929	6.6406
25	17.0001	0.0588	133.3339	0.00750	7.8431	0.12750	53.1046	6.7708
26	19.0401	0.0525	150.3339	0.00665	7.8957	0.12665	54.4177	6.8921
27	21.3249	0.0469	169.3740	0.00590	7.9426	0.12590	55.6369	7.0049
28	23.8839	0.0419	190.6989	0.00524	7.9844	0.12524	56.7674	7.1098
29	26.7499	0.0374	214.5828	0.00466	8.0218	0.12466	57.8141	7.2071
30	29.9599	0.0334	241.3327	0.00414	8.0552	0.12414	58.7821	7.2974
31	33.5551	0.0298	271.2926	0.00369	8.0850	0.12369	59.6761	7.3811
32	37.5817	0.0266	304.8477	0.00328	8.1116	0.12328	60.5010	7.4586
33	42.0915	0.0238	342.4294	0.00292	8.1354	0.12292	61.2612	7.5302
34	47.1425	0.0212	384.5210	0.00260	8.1566	0.12260	61.9612	7.5965
35	52.7996	0.0189	431.6635	0.00232	8.1755	0.12232	62.6052	7.6577
36	59.1356	0.0169	484.4631	0.00206	8.1924	0.12206	63.1970	7.7141
37	66.2318	0.0151	543.5987	0.00184	8.2075	0.12184	63.7406	7.7661
38	74.1797	0.0135	609.8305	0.00164	8.2210	0.12164	64.2394	7.8141
39	83.0812	0.0120	684.0102	0.00146	8.2330	0.12146	64.6967	7.8582
40	93.0510	0.0107	767.0914	0.00130	8.2438	0.12130	65.1159	7.8988
41	104.2171	0.0096	860.1424	0.00116	8.2534	0.12116	65.4997	7.9361
42	116.7231	0.0086	964.3595	0.00104	8.2619	0.12104	65.8509	7.9704
44	146.4175	0.0068	1211.8125	0.00083	8.2764	0.12083	66.4659	8.0308
45	163.9876	0.0061	1358.2300	0.00074	8.2825	0.12074	66.7342	8.0572
46	183.6661	0.0054	1522.2176	0.00066	8.2880	0.12066	66.9792	8.0815
47	205.7061	0.0049	1705.8838	0.00059	8.2928	0.12059	67.2028	8.1037
48	230.3908	0.0043	1911.5898	0.00052	8.2972	0.12052	67.4068	8.1241
50	289.0022	0.0035	2400.0182	0.00042	8.3045	0.12042	67.7624	8.1597
55	509.3206	0.0020	4236.0050	0.00024	8.3170	0.12024	68.4082	8.2251
60	897.5969	0.0011	7471.6411	0.00013	8.3240	0.12013	68.8100	8.2664
65	1581.8725	0.0006	13173.9374	0.00008	8.3281	0.12008	69.0581	8.2922
70	2787.7998	0.0004	23223.3319	0.00004	8.3303	0.12004	69.2103	8.3082
72	3497.0161	0.0003	29133.4675	0.00003	8.3310	0.12003	69.2530	8.3127
75	4913.0558	0.0002	40933.7987	0.00002	8.3316	0.12002	69.3031	8.3181
80	8658.4831	0.0001	72145.6925	0.00001	8.3324	0.12001	69.3594	8.3241
84	13624.2908	0.0001	113527.423	0.00001	8.3327	0.12001	69.3880	8.3272
85	15259.2057	0.0001	127151.714	0.00001	8.3328	0.12001	69.3935	8.3278
96	53079.9098	0.0000	442324.248	0.00000	8.3332	0.12000	69.4281	8.3315
100	83522.2657	0.0000	696010.548	0.00000	8.3332	0.12000	69.4336	8.3321

i= 13%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.1300	0.8850	1.0000	1.00000	0.8850	1.13000	0.0000	0.0000
2	1.2769	0.7831	2.1300	0.46948	1.6681	0.59948	0.7831	0.4695
3	1.4429	0.6931	3.4069	0.29352	2.3612	0.42352	2.1692	0.9187
4	1.6305	0.6133	4.8498	0.20619	2.9745	0.33619	4.0092	1.3479
5	1.8424	0.5428	6.4803	0.15431	3.5172	0.28431	6.1802	1.7571
6	2.0820	0.4803	8.3227	0.12015	3.9975	0.25015	8.5818	2.1468
7	2.3526	0.4251	10.4047	0.09611	4.4226	0.22611	11.1322	2.5171
8	2.6584	0.3762	12.7573	0.07839	4.7988	0.20839	13.7653	2.8685
9	3.0040	0.3329	15.4157	0.06487	5.1317	0.19487	16.4284	3.2014
10	3.3946	0.2946	18.4197	0.05429	5.4262	0.18429	19.0797	3.5162
11	3.8359	0.2607	21.8143	0.04584	5.6869	0.17584	21.6867	3.8134
12	4.3345	0.2307	25.6502	0.03899	5.9176	0.16899	24.2244	4.0936
13	4.8980	0.2042	29.9847	0.03335	6.1218	0.16335	26.6744	4.3573
14	5.5348	0.1807	34.8827	0.02867	6.3025	0.15867	29.0232	4.6050
15	6.2543	0.1599	40.4175	0.02474	6.4624	0.15474	31.2617	4.8375
16	7.0673	0.1415	46.6717	0.02143	6.6039	0.15143	33.3841	5.0552
17	7.9861	0.1252	53.7391	0.01861	6.7291	0.14861	35.3876	5.2589
18	9.0243	0.1108	61.7251	0.01620	6.8399	0.14620	37.2714	5.4491
19	10.1974	0.0981	70.7494	0.01413	6.9380	0.14413	39.0366	5.6265
20	11.5231	0.0868	80.9468	0.01235	7.0248	0.14235	40.6854	5.7917
21	13.0211	0.0768	92.4699	0.01081	7.1016	0.14081	42.2214	5.9454
22	14.7138	0.0680	105.4910	0.00948	7.1695	0.13948	43.6486	6.0881
23	16.6266	0.0601	120.2048	0.00832	7.2297	0.13832	44.9718	6.2205
24	18.7881	0.0532	136.8315	0.00731	7.2829	0.13731	46.1960	6.3431
25	21.2305	0.0471	155.6196	0.00643	7.3300	0.13643	47.3264	6.4566
26	23.9905	0.0417	176.8501	0.00565	7.3717	0.13565	48.3685	6.5614
27	27.1093	0.0369	200.8406	0.00498	7.4086	0.13498	49.3276	6.6582
28	30.6335	0.0326	227.9499	0.00439	7.4412	0.13439	50.2090	6.7474
29	34.6158	0.0289	258.5834	0.00387	7.4701	0.13387	51.0179	6.8296
30	39.1159	0.0256	293.1992	0.00341	7.4957	0.13341	51.7592	6.9052
31	44.2010	0.0226	332.3151	0.00301	7.5183	0.13301	52.4380	6.9747
32	49.9471	0.0200	376.5161	0.00266	7.5383	0.13266	53.0586	7.0385
33	56.4402	0.0177	426.4632	0.00234	7.5560	0.13234	53.6256	7.0971
34	63.7774	0.0157	482.9034	0.00207	7.5717	0.13207	54.1430	7.1507
35	72.0685	0.0139	546.6808	0.00183	7.5856	0.13183	54.6148	7.1998
36	81.4374	0.0123	618.7493	0.00162	7.5979	0.13162	55.0446	7.2448
37	92.0243	0.0109	700.1867	0.00143	7.6087	0.13143	55.4358	7.2858
38	103.9874	0.0096	792.2110	0.00126	7.6183	0.13126	55.7916	7.3233
39	117.5058	0.0085	896.1984	0.00112	7.6268	0.13112	56.1150	7.3576
40	132.7816	0.0075	1013.7042	0.00099	7.6344	0.13099	56.4087	7.3888
41	150.0432	0.0067	1146.4858	0.00087	7.6410	0.13087	56.6753	7.4172
42	169.5488	0.0059	1296.5289	0.00077	7.6469	0.13077	56.9171	7.4431
44	216.4968	0.0046	1657.6678	0.00060	7.6568	0.13060	57.3349	7.4881
45	244.6414	0.0041	1874.1646	0.00053	7.6609	0.13053	57.5148	7.5076
46	276.4448	0.0036	2118.8060	0.00047	7.6645	0.13047	57.6776	7.5253
47	312.3826	0.0032	2395.2508	0.00042	7.6677	0.13042	57.8248	7.5414
48	352.9923	0.0028	2707.6334	0.00037	7.6705	0.13037	57.9580	7.5559
50	450.7359	0.0022	3459.5071	0.00029	7.6752	0.13029	58.1870	7.5811
55	830.4517	0.0012	6380.3979	0.00016	7.6830	0.13016	58.5909	7.6260
60	1530.0535	0.0007	11761.9498	0.00009	7.6873	0.13009	58.8313	7.6531
65	2819.0243	0.0004	21677.1103	0.00005	7.6896	0.13005	58.9732	7.6692
70	5193.8696	0.0002	39945.1510	0.00003	7.6908	0.13003	59.0565	7.6788
72	6632.0521	0.0002	51008.0933	0.00002	7.6911	0.13002	59.0792	7.6814
75	9569.3681	0.0001	73602.8316	0.00001	7.6915	0.13001	59.1051	7.6845
80	17630.9405	0.0001	135614.927	0.00001	7.6919	0.13001	59.1333	7.6878
84	28746.7831	0.0000	221121.409	0.00000	7.6920	0.13000	59.1471	7.6894
85	32483.8649	0.0000	249868.192	0.00000	7.6921	0.13000	59.1496	7.6897
96	124603.596	0.0000	958481.504	0.00000	7.6922	0.13000	59.1652	7.6915
100	203162.874	0.0000	1562783.65	0.00000	7.6923	0.13000	59.1675	7.6918

i= 14.00%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.1400	0.8772	1.0000	1.00000	0.8772	1.14000	0.0000	0.0000
2	1.2996	0.7695	2.1400	0.46729	1.6467	0.60729	0.7695	0.4673
3	1.4815	0.6750	3.4396	0.29073	2.3216	0.43073	2.1194	0.9129
4	1.6890	0.5921	4.9211	0.20320	2.9137	0.34320	3.8957	1.3370
5	1.9254	0.5194	6.6101	0.15128	3.4331	0.29128	5.9731	1.7399
6	2.1950	0.4556	8.5355	0.11716	3.8887	0.25716	8.2511	2.1218
7	2.5023	0.3996	10.7305	0.09319	4.2883	0.23319	10.6489	2.4832
8	2.8526	0.3506	13.2328	0.07557	4.6389	0.21557	13.1028	2.8246
9	3.2519	0.3075	16.0853	0.06217	4.9464	0.20217	15.5629	3.1463
10	3.7072	0.2697	19.3373	0.05171	5.2161	0.19171	17.9906	3.4490
11	4.2262	0.2366	23.0445	0.04339	5.4527	0.18339	20.3567	3.7333
12	4.8179	0.2076	27.2707	0.03667	5.6603	0.17667	22.6399	3.9998
13	5.4924	0.1821	32.0887	0.03116	5.8424	0.17116	24.8247	4.2491
14	6.2613	0.1597	37.5811	0.02661	6.0021	0.16661	26.9009	4.4819
15	7.1379	0.1401	43.8424	0.02281	6.1422	0.16281	28.8623	4.6990
16	8.1372	0.1229	50.9804	0.01962	6.2651	0.15962	30.7057	4.9011
17	9.2765	0.1078	59.1176	0.01692	6.3729	0.15692	32.4305	5.0888
18	10.5752	0.0946	68.3941	0.01462	6.4674	0.15462	34.0380	5.2630
19	12.0557	0.0829	78.9692	0.01266	6.5504	0.15266	35.5311	5.4243
20	13.7435	0.0728	91.0249	0.01099	6.6231	0.15099	36.9135	5.5734
21	15.6676	0.0638	104.7684	0.00954	6.6870	0.14954	38.1901	5.7111
22	17.8610	0.0560	120.4360	0.00830	6.7429	0.14830	39.3658	5.8381
23	20.3616	0.0491	138.2970	0.00723	6.7921	0.14723	40.4463	5.9549
24	23.2122	0.0431	158.6586	0.00630	6.8351	0.14630	41.4371	6.0624
25	26.4619	0.0378	181.8708	0.00550	6.8729	0.14550	42.3441	6.1610
26	30.1666	0.0331	208.3327	0.00480	6.9061	0.14480	43.1728	6.2514
27	34.3899	0.0291	238.4993	0.00419	6.9352	0.14419	43.9289	6.3342
28	39.2045	0.0255	272.8892	0.00366	6.9607	0.14366	44.6176	6.4100
29	44.6931	0.0224	312.0937	0.00320	6.9830	0.14320	45.2441	6.4791
30	50.9502	0.0196	356.7868	0.00280	7.0027	0.14280	45.8132	6.5423
31	58.0832	0.0172	407.7370	0.00245	7.0199	0.14245	46.3297	6.5998
32	66.2148	0.0151	465.8202	0.00215	7.0350	0.14215	46.7979	6.6522
33	75.4849	0.0132	532.0350	0.00188	7.0482	0.14188	47.2218	6.6998
34	86.0528	0.0116	607.5199	0.00165	7.0599	0.14165	47.6053	6.7431
35	98.1002	0.0102	693.5727	0.00144	7.0700	0.14144	47.9519	6.7824
36	111.8342	0.0089	791.6729	0.00126	7.0790	0.14126	48.2649	6.8180
37	127.4910	0.0078	903.5071	0.00111	7.0868	0.14111	48.5472	6.8503
38	145.3397	0.0069	1030.9981	0.00097	7.0937	0.14097	48.8018	6.8796
39	165.6873	0.0060	1176.3378	0.00085	7.0997	0.14085	49.0312	6.9060
40	188.8835	0.0053	1342.0251	0.00075	7.1050	0.14075	49.2376	6.9300
41	215.3272	0.0046	1530.9086	0.00065	7.1097	0.14065	49.4234	6.9516
42	245.4730	0.0041	1746.2358	0.00057	7.1138	0.14057	49.5904	6.9711
43	279.8392	0.0036	1991.7088	0.00050	7.1173	0.14050	49.7405	6.9886
44	319.0167	0.0031	2271.5481	0.00044	7.1205	0.14044	49.8753	7.0045
45	363.6791	0.0027	2590.5648	0.00039	7.1232	0.14039	49.9963	7.0188
46	414.5941	0.0024	2954.2439	0.00034	7.1256	0.14034	50.1048	7.0316
47	472.6373	0.0021	3368.8380	0.00030	7.1277	0.14030	50.2022	7.0432
48	538.8065	0.0019	3841.4753	0.00026	7.1296	0.14026	50.2894	7.0536
50	700.2330	0.0014	4994.5213	0.00020	7.1327	0.14020	50.4375	7.0714
55	1348.2388	0.0007	9623.1343	0.00010	7.1376	0.14010	50.6912	7.1020
60	2595.9187	0.0004	18535.1333	0.00005	7.1401	0.14005	50.8357	7.1197
65	4998.2196	0.0002	35694.4260	0.00003	7.1414	0.14003	50.9173	7.1298
70	9623.6450	0.0001	68733.1785	0.00001	7.1421	0.14001	50.9632	7.1356
72	12506.8890	0.0001	89327.7787	0.00001	7.1423	0.14001	50.9752	7.1371
75	18529.5064	0.0001	132346.474	0.00001	7.1425	0.14001	50.9887	7.1388
80	35676.9818	0.0000	254828.441	0.00000	7.1427	0.14000	51.0030	7.1406
84	60257.0009	0.0000	430400.006	0.00000	7.1427	0.14000	51.0096	7.1415
85	68692.9810	0.0000	490657.007	0.00000	7.1428	0.14000	51.0108	7.1416
96	290312.495	0.0000	2073653.54	0.00000	7.1428	0.14000	51.0179	7.1425
100	490326.238	0.0000	3502323.13	0.00000	7.1428	0.14000	51.0188	7.1427

i= 15.0%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.1500	0.8696	1.0000	1.00000	0.8696	1.15000	0.0000	0.0000
2	1.3225	0.7561	2.1500	0.46512	1.6257	0.61512	0.7561	0.4651
3	1.5209	0.6575	3.4725	0.28798	2.2832	0.43798	2.0712	0.9071
4	1.7490	0.5718	4.9934	0.20027	2.8550	0.35027	3.7864	1.3263
5	2.0114	0.4972	6.7424	0.14832	3.3522	0.29832	5.7751	1.7228
6	2.3131	0.4323	8.7537	0.11424	3.7845	0.26424	7.9368	2.0972
7	2.6600	0.3759	11.0668	0.09036	4.1604	0.24036	10.1924	2.4498
8	3.0590	0.3269	13.7268	0.07285	4.4873	0.22285	12.4807	2.7813
9	3.5179	0.2843	16.7858	0.05957	4.7716	0.20957	14.7548	3.0922
10	4.0456	0.2472	20.3037	0.04925	5.0188	0.19925	16.9795	3.3832
11	4.6524	0.2149	24.3493	0.04107	5.2337	0.19107	19.1289	3.6549
12	5.3503	0.1869	29.0017	0.03448	5.4206	0.18448	21.1849	3.9082
13	6.1528	0.1625	34.3519	0.02911	5.5831	0.17911	23.1352	4.1438
14	7.0757	0.1413	40.5047	0.02469	5.7245	0.17469	24.9725	4.3624
15	8.1371	0.1229	47.5804	0.02102	5.8474	0.17102	26.6930	4.5650
16	9.3576	0.1069	55.7175	0.01795	5.9542	0.16795	28.2960	4.7522
17	10.7613	0.0929	65.0751	0.01537	6.0472	0.16537	29.7828	4.9251
18	12.3755	0.0808	75.8364	0.01319	6.1280	0.16319	31.1565	5.0843
19	14.2318	0.0703	88.2118	0.01134	6.1982	0.16134	32.4213	5.2307
20	16.3665	0.0611	102.4436	0.00976	6.2593	0.15976	33.5822	5.3651
21	18.8215	0.0531	118.8101	0.00842	6.3125	0.15842	34.6448	5.4883
22	21.6447	0.0462	137.6316	0.00727	6.3587	0.15727	35.6150	5.6010
23	24.8915	0.0402	159.2764	0.00628	6.3988	0.15628	36.4988	5.7040
24	28.6252	0.0349	184.1678	0.00543	6.4338	0.15543	37.3023	5.7979
25	32.9190	0.0304	212.7930	0.00470	6.4641	0.15470	38.0314	5.8834
26	37.8568	0.0264	245.7120	0.00407	6.4906	0.15407	38.6918	5.9612
27	43.5353	0.0230	283.5688	0.00353	6.5135	0.15353	39.2890	6.0319
28	50.0656	0.0200	327.1041	0.00306	6.5335	0.15306	39.8283	6.0960
29	57.5755	0.0174	377.1697	0.00265	6.5509	0.15265	40.3146	6.1541
30	66.2118	0.0151	434.7451	0.00230	6.5660	0.15230	40.7526	6.2066
31	76.1435	0.0131	500.9569	0.00200	6.5791	0.15200	41.1466	6.2541
32	87.5651	0.0114	577.1005	0.00173	6.5905	0.15173	41.5006	6.2970
33	100.6998	0.0099	664.6655	0.00150	6.6005	0.15150	41.8184	6.3357
34	115.8048	0.0086	765.3654	0.00131	6.6091	0.15131	42.1033	6.3705
35	133.1755	0.0075	881.1702	0.00113	6.6166	0.15113	42.3586	6.4019
36	153.1519	0.0065	1014.3457	0.00099	6.6231	0.15099	42.5872	6.4301
37	176.1246	0.0057	1167.4975	0.00086	6.6288	0.15086	42.7916	6.4554
38	202.5433	0.0049	1343.6222	0.00074	6.6338	0.15074	42.9743	6.4781
39	232.9248	0.0043	1546.1655	0.00065	6.6380	0.15065	43.1374	6.4985
40	267.8635	0.0037	1779.0903	0.00056	6.6418	0.15056	43.2830	6.5168
41	308.0431	0.0032	2046.9539	0.00049	6.6450	0.15049	43.4128	6.5331
42	354.2495	0.0028	2354.9969	0.00042	6.6478	0.15042	43.5286	6.5478
43	407.3870	0.0025	2709.2465	0.00037	6.6503	0.15037	43.6317	6.5609
44	468.4950	0.0021	3116.6334	0.00032	6.6524	0.15032	43.7235	6.5725
45	538.7693	0.0019	3585.1285	0.00028	6.6543	0.15028	43.8051	6.5830
46	619.5847	0.0016	4123.8977	0.00024	6.6559	0.15024	43.8778	6.5923
47	712.5224	0.0014	4743.4824	0.00021	6.6573	0.15021	43.9423	6.6006
48	819.4007	0.0012	5456.0047	0.00018	6.6585	0.15018	43.9997	6.6080
50	1083.6574	0.0009	7217.7163	0.00014	6.6605	0.15014	44.0958	6.6205
55	2179.6222	0.0005	14524.1479	0.00007	6.6636	0.15007	44.2558	6.6414
60	4383.9987	0.0002	29219.9916	0.00003	6.6651	0.15003	44.3431	6.6530
65	8817.7874	0.0001	58778.5826	0.00002	6.6659	0.15002	44.3903	6.6593
70	17735.7200	0.0001	118231.467	0.00001	6.6663	0.15001	44.4156	6.6627
72	23455.4898	0.0000	156363.265	0.00001	6.6664	0.15001	44.4221	6.6636
75	35672.8680	0.0000	237812.453	0.00000	6.6665	0.15000	44.4292	6.6646
80	71750.8794	0.0000	478332.529	0.00000	6.6666	0.15000	44.4364	6.6656
84	125492.737	0.0000	836611.577	0.00000	6.6666	0.15000	44.4396	6.6660
85	144316.647	0.0000	962104.313	0.00000	6.6666	0.15000	44.4402	6.6661
96	671417.527	0.0000	4476110.18	0.00000	6.6667	0.15000	44.4434	6.6665
100	1174313.45	0.0000	7828749.67	0.00000	6.6667	0.15000	44.4438	6.6666

i= 16%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.1600	0.8621	1.0000	1.00000	0.8621	1.16000	0.0000	0.0000
2	1.3456	0.7432	2.1600	0.46296	1.6052	0.62296	0.7432	0.4630
3	1.5609	0.6407	3.5056	0.28526	2.2459	0.44526	2.0245	0.9014
4	1.8106	0.5523	5.0665	0.19738	2.7982	0.35738	3.6814	1.3156
5	2.1003	0.4761	6.8771	0.14541	3.2743	0.30541	5.5858	1.7060
6	2.4364	0.4104	8.9775	0.11139	3.6847	0.27139	7.6380	2.0729
7	2.8262	0.3538	11.4139	0.08761	4.0386	0.24761	9.7610	2.4169
8	3.2784	0.3050	14.2401	0.07022	4.3436	0.23022	11.8962	2.7388
9	3.8030	0.2630	17.5185	0.05708	4.6065	0.21708	13.9998	3.0391
10	4.4114	0.2267	21.3215	0.04690	4.8332	0.20690	16.0399	3.3187
11	5.1173	0.1954	25.7329	0.03886	5.0286	0.19886	17.9941	3.5783
12	5.9360	0.1685	30.8502	0.03241	5.1971	0.19241	19.8472	3.8189
13	6.8858	0.1452	36.7862	0.02718	5.3423	0.18718	21.5899	4.0413
14	7.9875	0.1252	43.6720	0.02290	5.4675	0.18290	23.2175	4.2464
15	9.2655	0.1079	51.6595	0.01936	5.5755	0.17936	24.7284	4.4352
16	10.7480	0.0930	60.9250	0.01641	5.6685	0.17641	26.1241	4.6086
17	12.4677	0.0802	71.6730	0.01395	5.7487	0.17395	27.4074	4.7676
18	14.4625	0.0691	84.1407	0.01188	5.8178	0.17188	28.5828	4.9130
19	16.7765	0.0596	98.6032	0.01014	5.8775	0.17014	29.6557	5.0457
20	19.4608	0.0514	115.3797	0.00867	5.9288	0.16867	30.6321	5.1666
21	22.5745	0.0443	134.8405	0.00742	5.9731	0.16742	31.5180	5.2766
22	26.1864	0.0382	157.4150	0.00635	6.0113	0.16635	32.3200	5.3765
23	30.3762	0.0329	183.6014	0.00545	6.0442	0.16545	33.0442	5.4671
24	35.2364	0.0284	213.9776	0.00467	6.0726	0.16467	33.6970	5.5490
25	40.8742	0.0245	249.2140	0.00401	6.0971	0.16401	34.2841	5.6230
26	47.4141	0.0211	290.0883	0.00345	6.1182	0.16345	34.8114	5.6898
27	55.0004	0.0182	337.5024	0.00296	6.1364	0.16296	35.2841	5.7500
28	63.8004	0.0157	392.5028	0.00255	6.1520	0.16255	35.7073	5.8041
29	74.0085	0.0135	456.3032	0.00219	6.1656	0.16219	36.0856	5.8528
30	85.8499	0.0116	530.3117	0.00189	6.1772	0.16189	36.4234	5.8964
31	99.5859	0.0100	616.1616	0.00162	6.1872	0.16162	36.7247	5.9356
32	115.5196	0.0087	715.7475	0.00140	6.1959	0.16140	36.9930	5.9706
33	134.0027	0.0075	831.2671	0.00120	6.2034	0.16120	37.2318	6.0019
34	155.4432	0.0064	965.2698	0.00104	6.2098	0.16104	37.4441	6.0299
35	180.3141	0.0055	1120.7130	0.00089	6.2153	0.16089	37.6327	6.0548
36	209.1643	0.0048	1301.0270	0.00077	6.2201	0.16077	37.8000	6.0771
37	242.6306	0.0041	1510.1914	0.00066	6.2242	0.16066	37.9484	6.0969
38	281.4515	0.0036	1752.8220	0.00057	6.2278	0.16057	38.0799	6.1145
39	326.4838	0.0031	2034.2735	0.00049	6.2309	0.16049	38.1963	6.1302
40	378.7212	0.0026	2360.7572	0.00042	6.2335	0.16042	38.2992	6.1441
41	439.3165	0.0023	2739.4784	0.00037	6.2358	0.16037	38.3903	6.1565
42	509.6072	0.0020	3178.7949	0.00031	6.2377	0.16031	38.4707	6.1674
44	685.7274	0.0015	4279.5465	0.00023	6.2409	0.16023	38.6045	6.1857
45	795.4438	0.0013	4965.2739	0.00020	6.2421	0.16020	38.6598	6.1934
46	922.7148	0.0011	5760.7177	0.00017	6.2432	0.16017	38.7086	6.2001
48	1241.6051	0.0008	7753.7818	0.00013	6.2450	0.16013	38.7894	6.2113
50	1670.7038	0.0006	10435.6488	0.00010	6.2463	0.16010	38.8521	6.2201
55	3509.0488	0.0003	21925.3050	0.00005	6.2482	0.16005	38.9534	6.2343
60	7370.2014	0.0001	46057.5085	0.00002	6.2492	0.16002	39.0063	6.2419
65	15479.9410	0.0001	96743.3810	0.00001	6.2496	0.16001	39.0337	6.2458
70	32513.1648	0.0000	203201.030	0.00000	6.2498	0.16000	39.0478	6.2478
72	43749.7146	0.0000	273429.466	0.00000	6.2499	0.16000	39.0513	6.2484
75	68288.7545	0.0000	426798.466	0.00000	6.2499	0.16000	39.0551	6.2489

i= 17.0%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.1700	0.8547	1.0000	1.00000	0.8547	1.17000	0.0000	0.0000
2	1.3689	0.7305	2.1700	0.46083	1.5852	0.63083	0.7305	0.4608
3	1.6016	0.6244	3.5389	0.28257	2.2096	0.45257	1.9793	0.8958
4	1.8739	0.5337	5.1405	0.19453	2.7432	0.36453	3.5802	1.3051
5	2.1924	0.4561	7.0144	0.14256	3.1993	0.31256	5.4046	1.6893

6	2.5652	0.3898	9.2068	0.10861	3.5892	0.27861	7.3538	2.0489
7	3.0012	0.3332	11.7720	0.08495	3.9224	0.25495	9.3530	2.3845
8	3.5115	0.2848	14.7733	0.06769	4.2072	0.23769	11.3465	2.6969
9	4.1084	0.2434	18.2847	0.05469	4.4506	0.22469	13.2937	2.9870
10	4.8068	0.2080	22.3931	0.04466	4.6586	0.21466	15.1661	3.2555
11	5.6240	0.1778	27.1999	0.03676	4.8364	0.20676	16.9442	3.5035
12	6.5801	0.1520	32.8239	0.03047	4.9884	0.20047	18.6159	3.7318
13	7.6987	0.1299	39.4040	0.02538	5.1183	0.19538	20.1746	3.9417
14	9.0075	0.1110	47.1027	0.02123	5.2293	0.19123	21.6178	4.1340
15	10.5387	0.0949	56.1101	0.01782	5.3242	0.18782	22.9463	4.3098
16	12.3303	0.0811	66.6488	0.01500	5.4053	0.18500	24.1628	4.4702
17	14.4265	0.0693	78.9792	0.01266	5.4746	0.18266	25.2719	4.6162
18	16.8790	0.0592	93.4056	0.01071	5.5339	0.18071	26.2790	4.7488
19	19.7484	0.0506	110.2846	0.00907	5.5845	0.17907	27.1905	4.8689
20	23.1056	0.0433	130.0329	0.00769	5.6278	0.17769	28.0128	4.9776
21	27.0336	0.0370	153.1385	0.00653	5.6648	0.17653	28.7526	5.0757
22	31.6293	0.0316	180.1721	0.00555	5.6964	0.17555	29.4166	5.1641
23	37.0062	0.0270	211.8013	0.00472	5.7234	0.17472	30.0111	5.2436
24	43.2973	0.0231	248.8076	0.00402	5.7465	0.17402	30.5423	5.3149
25	50.6578	0.0197	292.1049	0.00342	5.7662	0.17342	31.0160	5.3789
26	59.2697	0.0169	342.7627	0.00292	5.7831	0.17292	31.4378	5.4362
27	69.3455	0.0144	402.0323	0.00249	5.7975	0.17249	31.8128	5.4873
28	81.1342	0.0123	471.3778	0.00212	5.8099	0.17212	32.1456	5.5329
29	94.9271	0.0105	552.5121	0.00181	5.8204	0.17181	32.4405	5.5736
30	111.0647	0.0090	647.4391	0.00154	5.8294	0.17154	32.7016	5.6098
31	129.9456	0.0077	758.5038	0.00132	5.8371	0.17132	32.9325	5.6419
32	152.0364	0.0066	888.4494	0.00113	5.8437	0.17113	33.1364	5.6705
33	177.8826	0.0056	1040.4858	0.00096	5.8493	0.17096	33.3163	5.6958
34	208.1226	0.0048	1218.3684	0.00082	5.8541	0.17082	33.4748	5.7182
35	243.5035	0.0041	1426.4910	0.00070	5.8582	0.17070	33.6145	5.7380
36	284.8991	0.0035	1669.9945	0.00060	5.8617	0.17060	33.7373	5.7555
37	333.3319	0.0030	1954.8936	0.00051	5.8647	0.17051	33.8453	5.7710
38	389.9983	0.0026	2288.2255	0.00044	5.8673	0.17044	33.9402	5.7847
39	456.2980	0.0022	2678.2238	0.00037	5.8695	0.17037	34.0235	5.7967
40	533.8687	0.0019	3134.5218	0.00032	5.8713	0.17032	34.0965	5.8073
41	624.6264	0.0016	3668.3906	0.00027	5.8729	0.17027	34.1606	5.8166
42	730.8129	0.0014	4293.0169	0.00023	5.8743	0.17023	34.2167	5.8248
43	855.0511	0.0012	5023.8298	0.00020	5.8755	0.17020	34.2658	5.8320
44	1000.4098	0.0010	5878.8809	0.00017	5.8765	0.17017	34.3088	5.8383
45	1170.4794	0.0009	6879.2907	0.00015	5.8773	0.17015	34.3464	5.8439
46	1369.4609	0.0007	8049.7701	0.00012	5.8781	0.17012	34.3792	5.8487
47	1602.2693	0.0006	9419.2310	0.00011	5.8787	0.17011	34.4079	5.8530
48	1874.6550	0.0005	11021.5002	0.00009	5.8792	0.17009	34.4330	5.8567
50	2566.2153	0.0004	15089.5017	0.00007	5.8801	0.17007	34.4740	5.8629
55	5626.2937	0.0002	33089.9627	0.00003	5.8813	0.17003	34.5384	5.8726
60	12335.3565	0.0001	72555.0381	0.00001	5.8819	0.17001	34.5707	5.8775
65	27044.6281	0.0000	159080.165	0.00001	5.8821	0.17001	34.5867	5.8799
70	59293.9417	0.0000	348782.010	0.00000	5.8823	0.17000	34.5945	5.8812
72	81167.4768	0.0000	477449.864	0.00000	5.8823	0.17000	34.5964	5.8815
75	129998.886	0.0000	764693.447	0.00000	5.8823	0.17000	34.5984	5.8818
80	285015.802	0.0000	1676557.66	0.00000	5.8823	0.17000	34.6003	5.8821
84	534087.467	0.0000	3141685.10	0.00000	5.8823	0.17000	34.6011	5.8822
85	624882.336	0.0000	3675772.57	0.00000	5.8823	0.17000	34.6012	5.8822
96	3514331.52	0.0000	20672532.5	0.00000	5.8824	0.17000	34.6019	5.8823
100	6585460.89	0.0000	38737999.3	0.00000	5.8824	0.17000	34.6020	5.8823

i= 18%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.1800	0.8475	1.0000	1.00000	0.8475	1.18000	0.0000	0.0000
2	1.3924	0.7182	2.1800	0.45872	1.5656	0.63872	0.7182	0.4587
3	1.6430	0.6086	3.5724	0.27992	2.1743	0.45992	1.9354	0.8902
4	1.9388	0.5158	5.2154	0.19174	2.6901	0.37174	3.4828	1.2947
5	2.2878	0.4371	7.1542	0.13978	3.1272	0.31978	5.2312	1.6728

6	2.6996	0.3704	9.4420	0.10591	3.4976	0.28591	7.0834	2.0252
7	3.1855	0.3139	12.1415	0.08236	3.8115	0.26236	8.9670	2.3526
8	3.7589	0.2660	15.3270	0.06524	4.0776	0.24524	10.8292	2.6558
9	4.4355	0.2255	19.0859	0.05239	4.3030	0.23239	12.6329	2.9358
10	5.2338	0.1911	23.5213	0.04251	4.4941	0.22251	14.3525	3.1936
11	6.1759	0.1619	28.7551	0.03478	4.6560	0.21478	15.9716	3.4303
12	7.2876	0.1372	34.9311	0.02863	4.7932	0.20863	17.4811	3.6470
13	8.5994	0.1163	42.2187	0.02369	4.9095	0.20369	18.8765	3.8449
14	10.1472	0.0985	50.8180	0.01968	5.0081	0.19968	20.1576	4.0250
15	11.9737	0.0835	60.9653	0.01640	5.0916	0.19640	21.3269	4.1887
16	14.1290	0.0708	72.9390	0.01371	5.1624	0.19371	22.3885	4.3369
17	16.6722	0.0600	87.0680	0.01149	5.2223	0.19149	23.3482	4.4708
18	19.6733	0.0508	103.7403	0.00964	5.2732	0.18964	24.2123	4.5916
19	23.2144	0.0431	123.4135	0.00810	5.3162	0.18810	24.9877	4.7003
20	27.3930	0.0365	146.6280	0.00682	5.3527	0.18682	25.6813	4.7978
21	32.3238	0.0309	174.0210	0.00575	5.3837	0.18575	26.3000	4.8851
22	38.1421	0.0262	206.3448	0.00485	5.4099	0.18485	26.8506	4.9632
24	53.1090	0.0188	289.4945	0.00345	5.4509	0.18345	27.7725	5.0950
25	62.6686	0.0160	342.6035	0.00292	5.4669	0.18292	28.1555	5.1502
26	73.9490	0.0135	405.2721	0.00247	5.4804	0.18247	28.4935	5.1991
28	102.9666	0.0097	566.4809	0.00177	5.5016	0.18177	29.0537	5.2810
29	121.5005	0.0082	669.4475	0.00149	5.5098	0.18149	29.2842	5.3149
30	143.3706	0.0070	790.9480	0.00126	5.5168	0.18126	29.4864	5.3448
32	199.6293	0.0050	1103.4960	0.00091	5.5277	0.18091	29.8191	5.3945
34	277.9638	0.0036	1538.6878	0.00065	5.5356	0.18065	30.0736	5.4328
35	327.9973	0.0030	1816.6516	0.00055	5.5386	0.18055	30.1773	5.4485
36	387.0368	0.0026	2144.6489	0.00047	5.5412	0.18047	30.2677	5.4623
38	538.9100	0.0019	2988.3891	0.00033	5.5452	0.18033	30.4152	5.4849
40	750.3783	0.0013	4163.2130	0.00024	5.5482	0.18024	30.5269	5.5022
42	1044.8268	0.0010	5799.0378	0.00017	5.5502	0.18017	30.6113	5.5153
44	1454.8168	0.0007	8076.7603	0.00012	5.5517	0.18012	30.6750	5.5253
45	1716.6839	0.0006	9531.5771	0.00010	5.5523	0.18010	30.7006	5.5293
46	2025.6870	0.0005	11248.2610	0.00009	5.5528	0.18009	30.7228	5.5328
48	2820.5665	0.0004	15664.2586	0.00006	5.5536	0.18006	30.7587	5.5385
50	3927.3569	0.0003	21813.0937	0.00005	5.5541	0.18005	30.7856	5.5428

i= 20%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.2000	0.8333	1.0000	1.00000	0.8333	1.20000	0.0000	0.0000
2	1.4400	0.6944	2.2000	0.45455	1.5278	0.65455	0.6944	0.4545
3	1.7280	0.5787	3.6400	0.27473	2.1065	0.47473	1.8519	0.8791
4	2.0736	0.4823	5.3680	0.18629	2.5887	0.38629	3.2986	1.2742
5	2.4883	0.4019	7.4416	0.13438	2.9906	0.33438	4.9061	1.6405
6	2.9860	0.3349	9.9299	0.10071	3.3255	0.30071	6.5806	1.9788
7	3.5832	0.2791	12.9159	0.07742	3.6046	0.27742	8.2551	2.2902
8	4.2998	0.2326	16.4991	0.06061	3.8372	0.26061	9.8831	2.5756
9	5.1598	0.1938	20.7989	0.04808	4.0310	0.24808	11.4335	2.8364
10	6.1917	0.1615	25.9587	0.03852	4.1925	0.23852	12.8871	3.0739
11	7.4301	0.1346	32.1504	0.03110	4.3271	0.23110	14.2330	3.2893
12	8.9161	0.1122	39.5805	0.02526	4.4392	0.22526	15.4667	3.4841
13	10.6993	0.0935	48.4966	0.02062	4.5327	0.22062	16.5883	3.6597
14	12.8392	0.0779	59.1959	0.01689	4.6106	0.21689	17.6008	3.8175
15	15.4070	0.0649	72.0351	0.01388	4.6755	0.21388	18.5095	3.9588
16	18.4884	0.0541	87.4421	0.01144	4.7296	0.21144	19.3208	4.0851
17	22.1861	0.0451	105.9306	0.00944	4.7746	0.20944	20.0419	4.1976
18	26.6233	0.0376	128.1167	0.00781	4.8122	0.20781	20.6805	4.2975
19	31.9480	0.0313	154.7400	0.00646	4.8435	0.20646	21.2439	4.3861
20	38.3376	0.0261	186.6880	0.00536	4.8696	0.20536	21.7395	4.4643
21	46.0051	0.0217	225.0256	0.00444	4.8913	0.20444	22.1742	4.5334
22	55.2061	0.0181	271.0307	0.00369	4.9094	0.20369	22.5546	4.5941
23	66.2474	0.0151	326.2369	0.00307	4.9245	0.20307	22.8867	4.6475
24	79.4968	0.0126	392.4842	0.00255	4.9371	0.20255	23.1760	4.6943
25	95.3962	0.0105	471.9811	0.00212	4.9476	0.20212	23.4276	4.7352

26	114.4755	0.0087	567.3773	0.00176	4.9563	0.20176	23.6460	4.7709
27	137.3706	0.0073	681.8528	0.00147	4.9636	0.20147	23.8353	4.8020
28	164.8447	0.0061	819.2233	0.00122	4.9697	0.20122	23.9991	4.8291
29	197.8136	0.0051	984.0680	0.00102	4.9747	0.20102	24.1406	4.8527
30	237.3763	0.0042	1181.8816	0.00085	4.9789	0.20085	24.2628	4.8731
31	284.8516	0.0035	1419.2579	0.00070	4.9824	0.20070	24.3681	4.8908
32	341.8219	0.0029	1704.1095	0.00059	4.9854	0.20059	24.4588	4.9061
33	410.1863	0.0024	2045.9314	0.00049	4.9878	0.20049	24.5368	4.9194
34	492.2235	0.0020	2456.1176	0.00041	4.9898	0.20041	24.6038	4.9308
35	590.6682	0.0017	2948.3411	0.00034	4.9915	0.20034	24.6614	4.9406
36	708.8019	0.0014	3539.0094	0.00028	4.9929	0.20028	24.7108	4.9491
37	850.5622	0.0012	4247.8112	0.00024	4.9941	0.20024	24.7531	4.9564
38	1020.6747	0.0010	5098.3735	0.00020	4.9951	0.20020	24.7894	4.9627
39	1224.8096	0.0008	6119.0482	0.00016	4.9959	0.20016	24.8204	4.9681
40	1469.7716	0.0007	7343.8578	0.00014	4.9966	0.20014	24.8469	4.9728
41	1763.7259	0.0006	8813.6294	0.00011	4.9972	0.20011	24.8696	4.9767
42	2116.4711	0.0005	10577.3553	0.00009	4.9976	0.20009	24.8890	4.9801
43	2539.7653	0.0004	12693.8263	0.00008	4.9980	0.20008	24.9055	4.9831
44	3047.7183	0.0003	15233.5916	0.00007	4.9984	0.20007	24.9196	4.9856
45	3657.2620	0.0003	18281.3099	0.00005	4.9986	0.20005	24.9316	4.9877
46	4388.7144	0.0002	21938.5719	0.00005	4.9989	0.20005	24.9419	4.9895
47	5266.4573	0.0002	26327.2863	0.00004	4.9991	0.20004	24.9506	4.9911
48	6319.7487	0.0002	31593.7436	0.00003	4.9992	0.20003	24.9581	4.9924
50	9100.4382	0.0001	45497.1908	0.00002	4.9995	0.20002	24.9698	4.9945

i= 21%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.2100	0.8264	1.0000	1.00000	0.8264	1.21000	0.0000	0.0000
2	1.4641	0.6830	2.2100	0.45249	1.5095	0.66249	0.6830	0.4525
3	1.7716	0.5645	3.6741	0.27218	2.0739	0.48218	1.8120	0.8737
4	2.1436	0.4665	5.4457	0.18363	2.5404	0.39363	3.2115	1.2641
5	2.5937	0.3855	7.5892	0.13177	2.9260	0.34177	4.7537	1.6246
6	3.1384	0.3186	10.1830	0.09820	3.2446	0.30820	6.3468	1.9561
7	3.7975	0.2633	13.3214	0.07507	3.5079	0.28507	7.9268	2.2597
8	4.5950	0.2176	17.1189	0.05841	3.7256	0.26841	9.4502	2.5366
9	5.5599	0.1799	21.7139	0.04605	3.9054	0.25605	10.8891	2.7882
10	6.7275	0.1486	27.2738	0.03667	4.0541	0.24667	12.2269	3.0159
11	8.1403	0.1228	34.0013	0.02941	4.1769	0.23941	13.4553	3.2213
12	9.8497	0.1015	42.1416	0.02373	4.2784	0.23373	14.5721	3.4059
13	11.9182	0.0839	51.9913	0.01923	4.3624	0.22923	15.5790	3.5712
14	14.4210	0.0693	63.9095	0.01565	4.4317	0.22565	16.4804	3.7188
15	17.4494	0.0573	78.3305	0.01277	4.4890	0.22277	17.2828	3.8500
16	21.1138	0.0474	95.7799	0.01044	4.5364	0.22044	17.9932	3.9664
17	25.5477	0.0391	116.8937	0.00855	4.5755	0.21855	18.6195	4.0694
18	30.9127	0.0323	142.4413	0.00702	4.6079	0.21702	19.1694	4.1602
19	37.4043	0.0267	173.3540	0.00577	4.6346	0.21577	19.6506	4.2400
20	45.2593	0.0221	210.7584	0.00474	4.6567	0.21474	20.0704	4.3100
21	54.7637	0.0183	256.0176	0.00391	4.6750	0.21391	20.4356	4.3713
22	66.2641	0.0151	310.7813	0.00322	4.6900	0.21322	20.7526	4.4248
23	80.1795	0.0125	377.0454	0.00265	4.7025	0.21265	21.0269	4.4714
24	97.0172	0.0103	457.2249	0.00219	4.7128	0.21219	21.2640	4.5119
25	117.3909	0.0085	554.2422	0.00180	4.7213	0.21180	21.4685	4.5471
26	142.0429	0.0070	671.6330	0.00149	4.7284	0.21149	21.6445	4.5776
27	171.8719	0.0058	813.6759	0.00123	4.7342	0.21123	21.7957	4.6039
28	207.9651	0.0048	985.5479	0.00101	4.7390	0.21101	21.9256	4.6266
29	251.6377	0.0040	1193.5129	0.00084	4.7430	0.21084	22.0368	4.6462
30	304.4816	0.0033	1445.1507	0.00069	4.7463	0.21069	22.1321	4.6631
31	368.4228	0.0027	1749.6323	0.00057	4.7490	0.21057	22.2135	4.6775
32	445.7916	0.0022	2118.0551	0.00047	4.7512	0.21047	22.2830	4.6900
34	652.6834	0.0015	3103.2545	0.00032	4.7546	0.21032	22.3929	4.7097
35	789.7470	0.0013	3755.9379	0.00027	4.7559	0.21027	22.4360	4.7175
36	955.5938	0.0010	4545.6848	0.00022	4.7569	0.21022	22.4726	4.7242
38	1399.0849	0.0007	6657.5472	0.00015	4.7585	0.21015	22.5302	4.7347

39	1692.8927	0.0006	8056.6321	0.00012	4.7591	0.21012	22.5526	4.7389
40	2048.4002	0.0005	9749.5248	0.00010	4.7596	0.21010	22.5717	4.7424
41	2478.5643	0.0004	11797.9250	0.00008	4.7600	0.21008	22.5878	4.7454
42	2999.0628	0.0003	14276.4893	0.00007	4.7603	0.21007	22.6015	4.7479
43	3628.8659	0.0003	17275.5521	0.00006	4.7606	0.21006	22.6131	4.7501
44	4390.9278	0.0002	20904.4180	0.00005	4.7608	0.21005	22.6229	4.7519
45	5313.0226	0.0002	25295.3458	0.00004	4.7610	0.21004	22.6311	4.7534
46	6428.7574	0.0002	30608	0.00003	4.7612	0.21003	22.6381	4.7547
47	7778.7964	0.0001	37037	0.00003	4.7613	0.21003	22.6441	4.7559
48	9412.3437	0.0001	44816	0.00002	4.7614	0.21002	22.6490	4.7568
50	13780.6123	0.0001	65617	0.00002	4.7616	0.21002	22.6568	4.7583

i= 22%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.2200	0.8197	1.0000	1.00000	0.8197	1.22000	0.0000	0.0000
2	1.4884	0.6719	2.2200	0.45045	1.4915	0.67045	0.6719	0.4505
3	1.8158	0.5507	3.7084	0.26966	2.0422	0.48966	1.7733	0.8683
4	2.2153	0.4514	5.5242	0.18102	2.4936	0.40102	3.1275	1.2542
5	2.7027	0.3700	7.7396	0.12921	2.8636	0.34921	4.6075	1.6090
6	3.2973	0.3033	10.4423	0.09576	3.1669	0.31576	6.1239	1.9337
7	4.0227	0.2486	13.7396	0.07278	3.4155	0.29278	7.6154	2.2297
8	4.9077	0.2038	17.7623	0.05630	3.6193	0.27630	9.0417	2.4982
9	5.9874	0.1670	22.6700	0.04411	3.7863	0.26411	10.3779	2.7409
10	7.3046	0.1369	28.6574	0.03489	3.9232	0.25489	11.6100	2.9593
11	8.9117	0.1122	35.9620	0.02781	4.0354	0.24781	12.7321	3.1551
12	10.8722	0.0920	44.8737	0.02228	4.1274	0.24228	13.7438	3.3299
13	13.2641	0.0754	55.7459	0.01794	4.2028	0.23794	14.6485	3.4855
14	16.1822	0.0618	69.0100	0.01449	4.2646	0.23449	15.4519	3.6233
15	19.7423	0.0507	85.1922	0.01174	4.3152	0.23174	16.1610	3.7451
16	24.0856	0.0415	104.9345	0.00953	4.3567	0.22953	16.7838	3.8524
17	29.3844	0.0340	129.0201	0.00775	4.3908	0.22775	17.3283	3.9465
18	35.8490	0.0279	158.4045	0.00631	4.4187	0.22631	17.8025	4.0289
19	43.7358	0.0229	194.2535	0.00515	4.4415	0.22515	18.2141	4.1009
20	53.3576	0.0187	237.9893	0.00420	4.4603	0.22420	18.5702	4.1635
21	65.0963	0.0154	291.3469	0.00343	4.4756	0.22343	18.8774	4.2178
22	79.4175	0.0126	356.4432	0.00281	4.4882	0.22281	19.1418	4.2649
23	96.8894	0.0103	435.8607	0.00229	4.4985	0.22229	19.3689	4.3056
24	118.2050	0.0085	532.7501	0.00188	4.5070	0.22188	19.5635	4.3407
25	144.2101	0.0069	650.9551	0.00154	4.5139	0.22154	19.7299	4.3709
26	175.9364	0.0057	795.1653	0.00126	4.5196	0.22126	19.8720	4.3968
27	214.6424	0.0047	971.1016	0.00103	4.5243	0.22103	19.9931	4.4191
28	261.8637	0.0038	1185.7440	0.00084	4.5281	0.22084	20.0962	4.4381
29	319.4737	0.0031	1447.6077	0.00069	4.5312	0.22069	20.1839	4.4544
30	389.7579	0.0026	1767.0813	0.00057	4.5338	0.22057	20.2583	4.4683
31	475.5046	0.0021	2156.8392	0.00046	4.5359	0.22046	20.3214	4.4801
32	580.1156	0.0017	2632.3439	0.00038	4.5376	0.22038	20.3748	4.4902
33	707.7411	0.0014	3212.4595	0.00031	4.5390	0.22031	20.4200	4.4988
34	863.4441	0.0012	3920.2006	0.00026	4.5402	0.22026	20.4582	4.5060
35	1053.4018	0.0009	4783.6447	0.00021	4.5411	0.22021	20.4905	4.5122
36	1285.1502	0.0008	5837.0466	0.00017	4.5419	0.22017	20.5178	4.5174
37	1567.8833	0.0006	7122.1968	0.00014	4.5426	0.22014	20.5407	4.5218
38	1912.8176	0.0005	8690.0801	0.00012	4.5431	0.22012	20.5601	4.5256
39	2333.6375	0.0004	10602.8978	0.00009	4.5435	0.22009	20.5763	4.5287
40	2847.0378	0.0004	12936.5353	0.00008	4.5439	0.22008	20.5900	4.5314
41	3473.3861	0.0003	15783.5730	0.00006	4.5441	0.22006	20.6016	4.5336
42	4237.5310	0.0002	19256.9591	0.00005	4.5444	0.22005	20.6112	4.5355
43	5169.7878	0.0002	23494.4901	0.00004	4.5446	0.22004	20.6194	4.5371
44	6307.1	0.0002	28664.2779	0.00003	4.5447	0.22003	20.6262	4.5385
45	7694.7	0.0001	34971.4191	0.00003	4.5449	0.22003	20.6319	4.5396
46	9387.5	0.0001	42666.1312	0.00002	4.5450	0.22002	20.6367	4.5406
47	11452.8	0.0001	52053.6801	0.00002	4.5451	0.22002	20.6407	4.5414
48	13972.4	0.0001	63506.4897	0.00002	4.5451	0.22002	20.6441	4.5420
50	20796.6	0.0000	94525.2793	0.00001	4.5452	0.22001	20.6492	4.5431

i= 24%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.2400	0.8065	1.0000	1.00000	0.8065	1.24000	0.0000	0.0000
2	1.5376	0.6504	2.2400	0.44643	1.4568	0.68643	0.6504	0.4464
3	1.9066	0.5245	3.7776	0.26472	1.9813	0.50472	1.6993	0.8577
4	2.3642	0.4230	5.6842	0.17593	2.4043	0.41593	2.9683	1.2346
5	2.9316	0.3411	8.0484	0.12425	2.7454	0.36425	4.3327	1.5782
6	3.6352	0.2751	10.9801	0.09107	3.0205	0.33107	5.7081	1.8898
7	4.5077	0.2218	14.6153	0.06842	3.2423	0.30842	7.0392	2.1710
8	5.5895	0.1789	19.1229	0.05229	3.4212	0.29229	8.2915	2.4236
9	6.9310	0.1443	24.7125	0.04047	3.5655	0.28047	9.4458	2.6492
10	8.5944	0.1164	31.6434	0.03160	3.6819	0.27160	10.4930	2.8499
11	10.6571	0.0938	40.2379	0.02485	3.7757	0.26485	11.4313	3.0276
12	13.2148	0.0757	50.8950	0.01965	3.8514	0.25965	12.2637	3.1843
13	16.3863	0.0610	64.1097	0.01560	3.9124	0.25560	12.9960	3.3218
14	20.3191	0.0492	80.4961	0.01242	3.9616	0.25242	13.6358	3.4420
15	25.1956	0.0397	100.8151	0.00992	4.0013	0.24992	14.1915	3.5467
16	31.2426	0.0320	126.0108	0.00794	4.0333	0.24794	14.6716	3.6376
17	38.7408	0.0258	157.2534	0.00636	4.0591	0.24636	15.0846	3.7162
18	48.0386	0.0208	195.9942	0.00510	4.0799	0.24510	15.4385	3.7840
19	59.5679	0.0168	244.0328	0.00410	4.0967	0.24410	15.7406	3.8423
20	73.8641	0.0135	303.6006	0.00329	4.1103	0.24329	15.9979	3.8922
21	91.5915	0.0109	377.4648	0.00265	4.1212	0.24265	16.2162	3.9349
22	113.5735	0.0088	469.0563	0.00213	4.1300	0.24213	16.4011	3.9712
23	140.8312	0.0071	582.6298	0.00172	4.1371	0.24172	16.5574	4.0022
24	174.6306	0.0057	723.4610	0.00138	4.1428	0.24138	16.6891	4.0284
25	216.5420	0.0046	898.0916	0.00111	4.1474	0.24111	16.7999	4.0507
26	268.5121	0.0037	1114.6336	0.00090	4.1511	0.24090	16.8930	4.0695
27	332.9550	0.0030	1383.1457	0.00072	4.1542	0.24072	16.9711	4.0853
28	412.8642	0.0024	1716.1007	0.00058	4.1566	0.24058	17.0365	4.0987
29	511.9516	0.0020	2128.9648	0.00047	4.1585	0.24047	17.0912	4.1099
30	634.8199	0.0016	2640.9164	0.00038	4.1601	0.24038	17.1369	4.1193
31	787.1767	0.0013	3275.7363	0.00031	4.1614	0.24031	17.1750	4.1272
32	976.0991	0.0010	4062.9130	0.00025	4.1624	0.24025	17.2067	4.1338
33	1210.3629	0.0008	5039.0122	0.00020	4.1632	0.24020	17.2332	4.1394
34	1500.8500	0.0007	6249.3751	0.00016	4.1639	0.24016	17.2552	4.1440
35	1861.0540	0.0005	7750.2251	0.00013	4.1644	0.24013	17.2734	4.1479
36	2307.7070	0.0004	9611.2791	0.00010	4.1649	0.24010	17.2886	4.1511
37	2861.5567	0.0003	11918.9861	0.00008	4.1652	0.24008	17.3012	4.1537
38	3548.3303	0.0003	14780.5428	0.00007	4.1655	0.24007	17.3116	4.1560
39	4399.9295	0.0002	18328.8731	0.00005	4.1657	0.24005	17.3202	4.1578
40	5455.9126	0.0002	22728.8026	0.00004	4.1659	0.24004	17.3274	4.1593
41	6765.3317	0.0001	28184.7152	0.00004	4.1661	0.24004	17.3333	4.1606
42	8389.0113	0.0001	34950.0469	0.00003	4.1662	0.24003	17.3382	4.1617
43	10402.3740	0.0001	43339.0581	0.00002	4.1663	0.24002	17.3422	4.1625
44	12898.9437	0.0001	53741.4321	0.00002	4.1663	0.24002	17.3456	4.1633
45	15994.6902	0.0001	66640.3758	0.00002	4.1664	0.24002	17.3483	4.1639
46	19833.4158	0.0001	82635.0660	0.00001	4.1665	0.24001	17.3506	4.1643
47	24593.4356	0.0000	102468.4818	0.00001	4.1665	0.24001	17.3524	4.1648
48	30495.8602	0.0000	127061.9174	0.00001	4.1665	0.24001	17.3540	4.1651

i= 26%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.2600	0.7937	1.0000	1.00000	0.7937	1.26000	0.0000	0.0000
2	1.5876	0.6299	2.2600	0.44248	1.4235	0.70248	0.6299	0.4425
3	2.0004	0.4999	3.8476	0.25990	1.9234	0.51990	1.6297	0.8473
4	2.5205	0.3968	5.8480	0.17100	2.3202	0.43100	2.8199	1.2154
5	3.1758	0.3149	8.3684	0.11950	2.6351	0.37950	4.0795	1.5481
6	4.0015	0.2499	11.5442	0.08662	2.8850	0.34662	5.3290	1.8472
7	5.0419	0.1983	15.5458	0.06433	3.0833	0.32433	6.5190	2.1143
8	6.3528	0.1574	20.5876	0.04857	3.2407	0.30857	7.6209	2.3516
9	8.0045	0.1249	26.9404	0.03712	3.3657	0.29712	8.6203	2.5613
10	10.0857	0.0992	34.9449	0.02862	3.4648	0.28862	9.5127	2.7455

11	12.7080	0.0787	45.0306	0.02221	3.5435	0.28221	10.2996	2.9066
12	16.0120	0.0625	57.7386	0.01732	3.6059	0.27732	10.9866	3.0468
13	20.1752	0.0496	73.7506	0.01356	3.6555	0.27356	11.5814	3.1682
14	25.4207	0.0393	93.9258	0.01065	3.6949	0.27065	12.0928	3.2729
15	32.0301	0.0312	119.3465	0.00838	3.7261	0.26838	12.5299	3.3628
16	40.3579	0.0248	151.3766	0.00661	3.7509	0.26661	12.9015	3.4396
17	50.8510	0.0197	191.7345	0.00522	3.7705	0.26522	13.2162	3.5051
18	64.0722	0.0156	242.5855	0.00412	3.7861	0.26412	13.4815	3.5608
19	80.7310	0.0124	306.6577	0.00326	3.7985	0.26326	13.7045	3.6079
20	101.7211	0.0098	387.3887	0.00258	3.8083	0.26258	13.8913	3.6476
21	128.1685	0.0078	489.1098	0.00204	3.8161	0.26204	14.0473	3.6810
22	161.4924	0.0062	617.2783	0.00162	3.8223	0.26162	14.1773	3.7091
23	203.4804	0.0049	778.7707	0.00128	3.8273	0.26128	14.2855	3.7326
24	256.3853	0.0039	982.2511	0.00102	3.8312	0.26102	14.3752	3.7522
25	323.0454	0.0031	1238.6363	0.00081	3.8342	0.26081	14.4495	3.7685
26	407.0373	0.0025	1561.6818	0.00064	3.8367	0.26064	14.5109	3.7821
27	512.8670	0.0019	1968.7191	0.00051	3.8387	0.26051	14.5616	3.7934
28	646.2124	0.0015	2481.5860	0.00040	3.8402	0.26040	14.6034	3.8028
29	814.2276	0.0012	3127.7984	0.00032	3.8414	0.26032	14.6377	3.8105
30	1025.9267	0.0010	3942.0260	0.00025	3.8424	0.26025	14.6660	3.8169
31	1292.6677	0.0008	4967.9527	0.00020	3.8432	0.26020	14.6892	3.8222
32	1628.7613	0.0006	6260.6204	0.00016	3.8438	0.26016	14.7083	3.8265
33	2052.2392	0.0005	7889.3817	0.00013	3.8443	0.26013	14.7238	3.8301
34	2585.8215	0.0004	9941.6210	0.00010	3.8447	0.26010	14.7366	3.8330
35	3258.1350	0.0003	12527.4424	0.00008	3.8450	0.26008	14.7470	3.8354
36	4105.2501	0.0002	15785.5774	0.00006	3.8452	0.26006	14.7556	3.8374
37	5172.6152	0.0002	19890.8276	0.00005	3.8454	0.26005	14.7625	3.8390
38	6517.4951	0.0002	25063.4428	0.00004	3.8456	0.26004	14.7682	3.8403
39	8212.0438	0.0001	31580.9379	0.00003	3.8457	0.26003	14.7728	3.8414
40	10347.1752	0.0001	39792.9817	0.00003	3.8458	0.26003	14.7766	3.8423
41	13037.4408	0.0001	50140.1570	0.00002	3.8459	0.26002	14.7797	3.8430
42	16427.1754	0.0001	63177.5978	0.00002	3.8459	0.26002	14.7822	3.8436
43	20698.2410	0.0000	79604.7732	0.00001	3.8460	0.26001	14.7842	3.8441
44	26079.7837	0.0000	100303.0142	0.00001	3.8460	0.26001	14.7858	3.8445
45	32860.5275	0.0000	126382.7979	0.00001	3.8460	0.26001	14.7872	3.8448
46	41404.2646	0.0000	159243.3254	0.00001	3.8461	0.26001	14.7883	3.8450
47	52169.3734	0.0000	200647.5900	0.00000	3.8461	0.26000	14.7892	3.8453
48	65733.4105	0.0000	252816.9634	0.00000	3.8461	0.26000	14.7899	3.8454
50	104358.3625	0.0000	401374.4711	0.00000	3.8461	0.26000	14.7909	3.8457

i= 28%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.2800	0.7813	1.0000	1.00000	0.7813	1.28000	0.0000	0.0000
2	1.6384	0.6104	2.2800	0.43860	1.3916	0.71860	0.6104	0.4386
3	2.0972	0.4768	3.9184	0.25521	1.8684	0.53521	1.5640	0.8371
4	2.6844	0.3725	6.0156	0.16624	2.2410	0.44624	2.6816	1.1966
5	3.4360	0.2910	8.6999	0.11494	2.5320	0.39494	3.8458	1.5189
6	4.3980	0.2274	12.1359	0.08240	2.7594	0.36240	4.9826	1.8057
7	5.6295	0.1776	16.5339	0.06048	2.9370	0.34048	6.0484	2.0594
8	7.2058	0.1388	22.1634	0.04512	3.0758	0.32512	7.0199	2.2823
9	9.2234	0.1084	29.3692	0.03405	3.1842	0.31405	7.8873	2.4770
10	11.8059	0.0847	38.5926	0.02591	3.2689	0.30591	8.6496	2.6460
11	15.1116	0.0662	50.3985	0.01984	3.3351	0.29984	9.3113	2.7919
12	19.3428	0.0517	65.5100	0.01526	3.3868	0.29526	9.8800	2.9172
13	24.7588	0.0404	84.8529	0.01179	3.4272	0.29179	10.3647	3.0243
14	31.6913	0.0316	109.6117	0.00912	3.4587	0.28912	10.7749	3.1153
15	40.5648	0.0247	141.3029	0.00708	3.4834	0.28708	11.1200	3.1923
16	51.9230	0.0193	181.8677	0.00550	3.5026	0.28550	11.4089	3.2572
17	66.4614	0.0150	233.7907	0.00428	3.5177	0.28428	11.6497	3.3117
18	85.0706	0.0118	300.2521	0.00333	3.5294	0.28333	11.8495	3.3573
19	108.8904	0.0092	385.3227	0.00260	3.5386	0.28260	12.0148	3.3953
20	139.3797	0.0072	494.2131	0.00202	3.5458	0.28202	12.1511	3.4269
21	178.4060	0.0056	633.5927	0.00158	3.5514	0.28158	12.2632	3.4531

22	228.3596	0.0044	811.9987	0.00123	3.5558	0.28123	12.3552	3.4747
23	292.3003	0.0034	1040.3583	0.00096	3.5592	0.28096	12.4304	3.4925
24	374.1444	0.0027	1332.6586	0.00075	3.5619	0.28075	12.4919	3.5071
25	478.9049	0.0021	1706.8031	0.00059	3.5640	0.28059	12.5420	3.5191
26	612.9982	0.0016	2185.7079	0.00046	3.5656	0.28046	12.5828	3.5289
27	784.6377	0.0013	2798.7061	0.00036	3.5669	0.28036	12.6160	3.5370
28	1004.3363	0.0010	3583.3438	0.00028	3.5679	0.28028	12.6428	3.5435
29	1285.5504	0.0008	4587.6801	0.00022	3.5687	0.28022	12.6646	3.5489
30	1645.5046	0.0006	5873.2306	0.00017	3.5693	0.28017	12.6822	3.5532
31	2106.2458	0.0005	7518.7351	0.00013	3.5697	0.28013	12.6965	3.5567
32	2695.9947	0.0004	9624.9810	0.00010	3.5701	0.28010	12.7080	3.5596
33	3450.8732	0.0003	12320.9756	0.00008	3.5704	0.28008	12.7173	3.5619
34	4417.1177	0.0002	15771.8488	0.00006	3.5706	0.28006	12.7247	3.5637
35	5653.9106	0.0002	20188.9665	0.00005	3.5708	0.28005	12.7307	3.5652
36	7237.0056	0.0001	25842.8771	0.00004	3.5709	0.28004	12.7356	3.5665
37	9263.3671	0.0001	33079.8826	0.00003	3.5710	0.28003	12.7395	3.5674
38	11857.1099	0.0001	42343.2498	0.00002	3.5711	0.28002	12.7426	3.5682
39	15177.1007	0.0001	54200.3597	0.00002	3.5712	0.28002	12.7451	3.5689
40	19426.6889	0.0001	69377.4604	0.00001	3.5712	0.28001	12.7471	3.5694
41	24866.1618	0.0000	88804.1494	0.00001	3.5713	0.28001	12.7487	3.5698
42	31828.6871	0.0000	113670.3112	0.00001	3.5713	0.28001	12.7500	3.5701
43	40740.7195	0.0000	145498.9983	0.00001	3.5713	0.28001	12.7510	3.5704
44	52148.1210	0.0000	186239.7178	0.00001	3.5714	0.28001	12.7518	3.5706
45	66749.5949	0.0000	238387.8388	0.00000	3.5714	0.28000	12.7525	3.5708
46	85439.4814	0.0000	305137.4337	0.00000	3.5714	0.28000	12.7530	3.5709
47	109362.5362	0.0000	390576.9151	0.00000	3.5714	0.28000	12.7535	3.5710
48	139984.0464	0.0000	499939.4514	0.00000	3.5714	0.28000	12.7538	3.5711
50	229349.8616	0.0000	819103.0771	0.00000	3.5714	0.28000	12.7543	3.5712

i= 30%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.3000	0.7692	1.0000	1.00000	0.7692	1.30000	0.0000	0.0000
2	1.6384	0.6104	2.2800	0.43860	1.3916	0.71860	0.6104	0.4386
3	2.0972	0.4768	3.9184	0.25521	1.8684	0.53521	1.5640	0.8371
4	2.6844	0.3725	6.0156	0.16624	2.2410	0.44624	2.6816	1.1966
5	3.4360	0.2910	8.6999	0.11494	2.5320	0.39494	3.8458	1.5189
6	4.3980	0.2274	12.1359	0.08240	2.7594	0.36240	4.9826	1.8057
7	5.6295	0.1776	16.5339	0.06048	2.9370	0.34048	6.0484	2.0594
8	7.2058	0.1388	22.1634	0.04512	3.0758	0.32512	7.0199	2.2823
9	9.2234	0.1084	29.3692	0.03405	3.1842	0.31405	7.8873	2.4770
10	11.8059	0.0847	38.5926	0.02591	3.2689	0.30591	8.6496	2.6460
11	15.1116	0.0662	50.3985	0.01984	3.3351	0.29984	9.3113	2.7919
12	19.3428	0.0517	65.5100	0.01526	3.3868	0.29526	9.8800	2.9172
13	24.7588	0.0404	84.8529	0.01179	3.4272	0.29179	10.3647	3.0243
14	31.6913	0.0316	109.6117	0.00912	3.4587	0.28912	10.7749	3.1153
15	40.5648	0.0247	141.3029	0.00708	3.4834	0.28708	11.1200	3.1923
16	51.9230	0.0193	181.8677	0.00550	3.5026	0.28550	11.4089	3.2572
17	66.4614	0.0150	233.7907	0.00428	3.5177	0.28428	11.6497	3.3117
18	85.0706	0.0118	300.2521	0.00333	3.5294	0.28333	11.8495	3.3573
19	108.8904	0.0092	385.3227	0.00260	3.5386	0.28260	12.0148	3.3953
20	139.3797	0.0072	494.2131	0.00202	3.5458	0.28202	12.1511	3.4269
21	178.4060	0.0056	633.5927	0.00158	3.5514	0.28158	12.2632	3.4531
22	228.3596	0.0044	811.9987	0.00123	3.5558	0.28123	12.3552	3.4747
24	374.1444	0.0027	1332.6586	0.00075	3.5619	0.28075	12.4919	3.5071
25	478.9049	0.0021	1706.8031	0.00059	3.5640	0.28059	12.5420	3.5191
26	612.9982	0.0016	2185.7079	0.00046	3.5656	0.28046	12.5828	3.5289
28	1004.3363	0.0010	3583.3438	0.00028	3.5679	0.28028	12.6428	3.5435
30	1645.5046	0.0006	5873.2306	0.00017	3.5693	0.28017	12.6822	3.5532
31	2106.2458	0.0005	7518.7351	0.00013	3.5697	0.28013	12.6965	3.5567
32	2695.9947	0.0004	9624.9810	0.00010	3.5701	0.28010	12.7080	3.5596
34	4417.1177	0.0002	15771.8488	0.00006	3.5706	0.28006	12.7247	3.5637
35	5653.9106	0.0002	20188.9665	0.00005	3.5708	0.28005	12.7307	3.5652

36	7237.0056	0.0001	25842.8771	0.00004	3.5709	0.28004	12.7356	3.5665
38	11857.1099	0.0001	42343.2498	0.00002	3.5711	0.28002	12.7426	3.5682
40	19426.6889	0.0001	69377.4604	0.00001	3.5712	0.28001	12.7471	3.5694
42	31828.6871	0.0000	113670.3112	0.00001	3.5713	0.28001	12.7500	3.5701
44	52148.1210	0.0000	186239.7178	0.00001	3.5714	0.28001	12.7518	3.5706
45	66749.5949	0.0000	238387.8388	0.00000	3.5714	0.28000	12.7525	3.5708
46	85439.4814	0.0000	305137.4337	0.00000	3.5714	0.28000	12.7530	3.5709
48	139984.0464	0.0000	499939.4514	0.00000	3.5714	0.28000	12.7538	3.5711
50	229349.8616	0.0000	819103.0771	0.00000	3.5714	0.28000	12.7543	3.5712

i= 35%

ING. JAVIER VILLARREAL POSADA

n	F/P	P/F	F/A	A/F	P/A	A/P	P/G	A/G
1	1.3500	0.7407	1.0000	1.00000	0.7407	1.35000	0.0000	0.0000
2	1.6384	0.6104	2.2800	0.43860	1.3916	0.71860	0.6104	0.4386
3	2.0972	0.4768	3.9184	0.25521	1.8684	0.53521	1.5640	0.8371
4	2.6844	0.3725	6.0156	0.16624	2.2410	0.44624	2.6816	1.1966
5	3.4360	0.2910	8.6999	0.11494	2.5320	0.39494	3.8458	1.5189
6	4.3980	0.2274	12.1359	0.08240	2.7594	0.36240	4.9826	1.8057
7	5.6295	0.1776	16.5339	0.06048	2.9370	0.34048	6.0484	2.0594
8	7.2058	0.1388	22.1634	0.04512	3.0758	0.32512	7.0199	2.2823
9	9.2234	0.1084	29.3692	0.03405	3.1842	0.31405	7.8873	2.4770
10	11.8059	0.0847	38.5926	0.02591	3.2689	0.30591	8.6496	2.6460
11	15.1116	0.0662	50.3985	0.01984	3.3351	0.29984	9.3113	2.7919
12	19.3428	0.0517	65.5100	0.01526	3.3868	0.29526	9.8800	2.9172
13	24.7588	0.0404	84.8529	0.01179	3.4272	0.29179	10.3647	3.0243
14	31.6913	0.0316	109.6117	0.00912	3.4587	0.28912	10.7749	3.1153
15	40.5648	0.0247	141.3029	0.00708	3.4834	0.28708	11.1200	3.1923
16	51.9230	0.0193	181.8677	0.00550	3.5026	0.28550	11.4089	3.2572
17	66.4614	0.0150	233.7907	0.00428	3.5177	0.28428	11.6497	3.3117
18	85.0706	0.0118	300.2521	0.00333	3.5294	0.28333	11.8495	3.3573
19	108.8904	0.0092	385.3227	0.00260	3.5386	0.28260	12.0148	3.3953
20	139.3797	0.0072	494.2131	0.00202	3.5458	0.28202	12.1511	3.4269
21	178.4060	0.0056	633.5927	0.00158	3.5514	0.28158	12.2632	3.4531
22	228.3596	0.0044	811.9987	0.00123	3.5558	0.28123	12.3552	3.4747
23	292.3003	0.0034	1040.3583	0.00096	3.5592	0.28096	12.4304	3.4925
24	374.1444	0.0027	1332.6586	0.00075	3.5619	0.28075	12.4919	3.5071
25	478.9049	0.0021	1706.8031	0.00059	3.5640	0.28059	12.5420	3.5191
26	612.9982	0.0016	2185.7079	0.00046	3.5656	0.28046	12.5828	3.5289
27	784.6377	0.0013	2798.7061	0.00036	3.5669	0.28036	12.6160	3.5370
28	1004.3363	0.0010	3583.3438	0.00028	3.5679	0.28028	12.6428	3.5435
29	1285.5504	0.0008	4587.6801	0.00022	3.5687	0.28022	12.6646	3.5489
30	1645.5046	0.0006	5873.2306	0.00017	3.5693	0.28017	12.6822	3.5532
31	2106.2458	0.0005	7518.7351	0.00013	3.5697	0.28013	12.6965	3.5567
32	2695.9947	0.0004	9624.9810	0.00010	3.5701	0.28010	12.7080	3.5596
33	3450.8732	0.0003	12320.9756	0.00008	3.5704	0.28008	12.7173	3.5619
34	4417.1177	0.0002	15771.8488	0.00006	3.5706	0.28006	12.7247	3.5637
35	5653.9106	0.0002	20188.9665	0.00005	3.5708	0.28005	12.7307	3.5652
36	7237.0056	0.0001	25842.8771	0.00004	3.5709	0.28004	12.7356	3.5665
37	9263.3671	0.0001	33079.8826	0.00003	3.5710	0.28003	12.7395	3.5674
38	11857.1099	0.0001	42343.2498	0.00002	3.5711	0.28002	12.7426	3.5682
39	15177.1007	0.0001	54200.3597	0.00002	3.5712	0.28002	12.7451	3.5689
40	19426.6889	0.0001	69377.4604	0.00001	3.5712	0.28001	12.7471	3.5694
41	24866.1618	0.0000	88804.1494	0.00001	3.5713	0.28001	12.7487	3.5698
42	31828.6871	0.0000	113670.3112	0.00001	3.5713	0.28001	12.7500	3.5701
43	40740.7195	0.0000	145498.9983	0.00001	3.5713	0.28001	12.7510	3.5704
44	52148.1210	0.0000	186239.7178	0.00001	3.5714	0.28001	12.7518	3.5706
45	66749.5949	0.0000	238387.8388	0.00000	3.5714	0.28000	12.7525	3.5708
46	85439.4814	0.0000	305137.4337	0.00000	3.5714	0.28000	12.7530	3.5709
47	109362.5362	0.0000	390576.9151	0.00000	3.5714	0.28000	12.7535	3.5710
48	139984.0464	0.0000	499939.4514	0.00000	3.5714	0.28000	12.7538	3.5711
50	229349.8616	0.0000	819103.0771	0.00000	3.5714	0.28000	12.7543	3.5712