



### Present Value of Ordinary Annuity

	1%	2%	3%	4%	5%	6%	7%	8%
1	0.9901	0.9804	0.9709	0.9615	0.9524	0.9434	0.9346	0.9259
2	1.9704	1.9416	1.9135	1.8861	1.8594	1.8334	1.8080	1.7833
3	2.9410	2.8839	2.8286	2.7751	2.7233	2.6730	2.6243	2.5771
4	3.9020	3.8077	3.7171	3.6299	3.5460	3.4651	3.3872	3.3121
5	4.8534	4.7135	4.5797	4.4518	4.3295	4.2124	4.1002	3.9927
6	5.7955	5.6014	5.4172	5.2421	5.0757	4.9173	4.7665	4.6229
7	6.7282	6.4720	6.2303	6.0021	5.7864	5.5824	5.3893	5.2064
8	7.6517	7.3255	7.0197	6.7327	6.4632	6.2098	5.9713	5.7466
9	8.5660	8.1622	7.7861	7.4353	7.1078	6.8017	6.5152	6.2469
10	9.4713	8.9826	8.5302	8.1109	7.7217	7.3601	7.0236	6.7101
11	10.3676	9.7868	9.2526	8.7605	8.3064	7.8869	7.4987	7.1390
12	11.2551	10.5753	9.9540	9.3851	8.8633	8.3838	7.9427	7.5361
13	12.1337	11.3484	10.6350	9.9856	9.3936	8.8527	8.3577	7.9038
14	13.0037	12.1062	11.2961	10.5631	9.8986	9.2950	8.7455	8.2442
15	13.8651	12.8493	11.9379	11.1184	10.3797	9.7122	9.1079	8.5595
16	14.7179	13.5777	12.5611	11.6523	10.8378	10.1059	9.4466	8.8514
17	15.5623	14.2919	13.1661	12.1657	11.2741	10.4773	9.7632	9.1216
18	16.3983	14.9920	13.7535	12.6593	11.6896	10.8276	10.0591	9.3719
19	17.2260	15.6785	14.3238	13.1339	12.0853	11.1581	10.3356	9.6036
20	18.0456	16.3514	14.8775	13.5903	12.4622	11.4699	10.5940	9.8181
21	18.8570	17.0112	15.4150	14.0292	12.8212	11.7641	10.8355	10.0168
22	19.6604	17.6580	15.9369	14.4511	13.1630	12.0416	11.0612	10.2007
23	20.4558	18.2922	16.4436	14.8568	13.4886	12.3034	11.2722	10.3711
24	21.2434	18.9139	16.9355	15.2470	13.7986	12.5504	11.4693	10.5288
25	22.0232	19.5235	17.4131	15.6221	14.0939	12.7834	11.6536	10.6748
26	22.7952	20.1210	17.8768	15.9828	14.3752	13.0032	11.8258	10.8100
27	23.5596	20.7069	18.3270	16.3296	14.6430	13.2105	11.9867	10.9352
28	24.3164	21.2813	18.7641	16.6631	14.8981	13.4062	12.1371	11.0511
29	25.0658	21.8444	19.1885	16.9837	15.1411	13.5907	12.2777	11.1584
30	25.8077	22.3965	19.6004	17.2920	15.3725	13.7648	12.4090	11.2578
40	32.8346	27.3554	23.1147	19.7927	17.1590	15.0463	13.3317	11.9246
50	39.1961	31.4236	25.7297	21.4821	18.2559	15.7618	13.8007	12.2334