

COMPOUNDING AND DISCOUNTING TABLES

6. Three-decimal Table for Discount Factor, Various Rates

DISCOUNT FACTOR—How much 1 at a future date is worth today.

Year	1%	3%	5%	6%	8%	10%	12%	14%	15%	16%	18%	20%	22%	24%	25%	26%	28%	30%	35%	40%	45%	50%	Year
1	.990	.971	.952	.943	.926	.909	.893	.877	.870	.862	.847	.833	.820	.806	.800	.794	.781	.769	.741	.714	.690	.667	1
2	.980	.943	.907	.890	.857	.826	.797	.769	.756	.743	.718	.694	.672	.650	.640	.630	.610	.592	.549	.510	.476	.444	2
3	.971	.915	.864	.840	.794	.751	.712	.675	.658	.641	.609	.579	.551	.524	.512	.500	.477	.455	.406	.364	.328	.296	3
4	.961	.888	.823	.792	.735	.683	.636	.592	.572	.552	.516	.482	.451	.423	.410	.397	.373	.350	.301	.260	.226	.198	4
5	.951	.863	.784	.747	.681	.621	.567	.519	.497	.476	.437	.402	.370	.341	.328	.315	.291	.269	.223	.186	.156	.132	5
6	.942	.837	.746	.705	.630	.564	.507	.456	.432	.410	.370	.335	.303	.275	.262	.250	.227	.207	.165	.133	.108	.088	6
7	.933	.813	.711	.665	.583	.513	.452	.400	.376	.354	.314	.279	.249	.222	.210	.198	.178	.159	.122	.095	.074	.059	7
8	.923	.789	.677	.627	.540	.467	.404	.351	.327	.305	.266	.233	.204	.179	.168	.157	.139	.123	.091	.068	.051	.039	8
9	.914	.766	.645	.592	.500	.424	.361	.308	.284	.263	.225	.194	.167	.144	.134	.125	.108	.094	.067	.048	.035	.026	9
10	.905	.744	.614	.558	.463	.386	.322	.270	.247	.227	.191	.162	.137	.116	.107	.099	.085	.073	.050	.035	.024	.017	10
11	.896	.722	.585	.527	.429	.350	.287	.237	.215	.195	.162	.135	.112	.094	.086	.079	.066	.056	.037	.025	.017	.012	11
12	.887	.701	.557	.497	.397	.319	.257	.208	.187	.168	.137	.112	.092	.076	.069	.062	.052	.043	.027	.018	.012	.008	12
13	.879	.681	.530	.469	.368	.290	.229	.182	.163	.145	.116	.093	.075	.061	.055	.050	.040	.033	.020	.013	.008	.005	13
14	.870	.661	.505	.442	.340	.263	.205	.160	.141	.125	.099	.078	.062	.049	.044	.039	.032	.025	.015	.009	.006	.003	14
15	.861	.642	.481	.417	.315	.239	.183	.140	.123	.108	.084	.065	.051	.040	.035	.031	.025	.020	.011	.006	.004	.002	15
16	.853	.623	.458	.394	.292	.218	.163	.123	.107	.093	.071	.054	.042	.032	.028	.025	.019	.015	.008	.005	.003	.002	16
17	.844	.605	.436	.371	.270	.198	.146	.108	.093	.080	.060	.045	.034	.026	.023	.020	.015	.012	.006	.003	.002	.001	17
18	.836	.587	.416	.350	.250	.180	.130	.095	.081	.069	.051	.038	.028	.021	.018	.016	.012	.009	.005	.002	.001	.001	18
19	.828	.570	.396	.331	.232	.164	.116	.083	.070	.060	.043	.031	.023	.017	.014	.012	.009	.007	.003	.002	.001	.000	19
20	.820	.554	.377	.312	.215	.149	.104	.073	.061	.051	.037	.026	.019	.014	.012	.010	.007	.005	.002	.001	.001	.000	20
21	.811	.538	.359	.294	.199	.135	.093	.064	.053	.044	.031	.022	.015	.011	.009	.008	.006	.004	.002	.001	.000	.000	21
22	.803	.522	.342	.278	.184	.123	.083	.056	.046	.038	.026	.018	.013	.009	.007	.006	.004	.003	.001	.001	.000	.000	22
23	.795	.507	.326	.262	.170	.112	.074	.049	.040	.033	.022	.015	.010	.007	.006	.005	.003	.002	.001	.000	.000	.000	23
24	.788	.492	.310	.247	.158	.102	.066	.043	.035	.028	.019	.013	.008	.006	.005	.004	.003	.002	.001	.000	.000	.000	24
25	.780	.478	.295	.233	.146	.092	.059	.038	.030	.024	.016	.010	.007	.005	.004	.003	.002	.001	.001	.000	.000	.000	25
26	.772	.464	.281	.220	.135	.084	.053	.033	.026	.021	.014	.009	.006	.004	.003	.002	.002	.001	.000	.000	.000	.000	26
27	.764	.450	.268	.207	.125	.076	.047	.029	.023	.018	.011	.007	.005	.003	.002	.002	.001	.001	.000	.000	.000	.000	27
28	.757	.437	.255	.196	.116	.069	.042	.026	.020	.016	.010	.006	.004	.002	.002	.002	.001	.001	.000	.000	.000	.000	28
29	.749	.424	.243	.185	.107	.063	.037	.022	.017	.014	.008	.005	.003	.002	.002	.001	.001	.000	.000	.000	.000	.000	29
30	.742	.412	.231	.174	.099	.057	.033	.020	.015	.012	.007	.004	.003	.002	.001	.001	.001	.000	.000	.000	.000	.000	30
35	.706	.355	.181	.130	.068	.036	.019	.010	.008	.006	.003	.002	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	35
40	.672	.307	.142	.097	.046	.022	.011	.005	.004	.003	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	40
45	.639	.264	.111	.073	.031	.014	.006	.003	.002	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	45
50	.608	.228	.087	.054	.021	.009	.003	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	50

Source: Gittinger (1973, pp. 102-03).