

Present Value of \$1

Interest Rate

		Interest Rate															
		1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	12%	14%	16%	18%	20%	
Number of Periods	2	.980	.961	.943	.925	.907	.890	.873	.857	.842	.826	.797	.769	.743	.718	.694	2
	3	.971	.942	.915	.889	.864	.840	.816	.794	.772	.751	.712	.675	.641	.609	.579	3
	4	.961	.924	.888	.855	.823	.792	.763	.735	.708	.683	.636	.592	.552	.516	.482	4
	5	.962	.952	.943	.935	.926	.917	.909	.893	.877	.862	.847	.833	.962	.952	.943	5
	6	.942	.888	.837	.790	.746	.705	.666	.630	.596	.564	.507	.456	.410	.370	.335	6
	7	.933	.871	.813	.760	.711	.665	.623	.583	.547	.513	.452	.400	.354	.314	.279	7
	8	.923	.853	.789	.731	.677	.627	.582	.540	.502	.467	.404	.351	.305	.266	.233	8
	9	.914	.837	.766	.703	.645	.592	.544	.500	.460	.424	.361	.308	.263	.225	.194	9
	10	.905	.820	.744	.676	.614	.558	.508	.463	.422	.386	.322	.270	.227	.191	.162	10
	11	.896	.804	.722	.650	.585	.527	.475	.429	.388	.350	.287	.237	.195	.162	.135	11
	12	.887	.788	.701	.625	.557	.497	.444	.397	.356	.319	.257	.208	.168	.137	.112	12
	13	.879	.773	.681	.601	.530	.469	.415	.368	.326	.290	.229	.182	.145	.116	.093	13
	14	.870	.758	.661	.577	.505	.442	.388	.340	.299	.263	.205	.160	.125	.099	.078	14
	15	.861	.743	.642	.555	.481	.417	.362	.315	.275	.239	.183	.140	.108	.084	.065	15
	16	.853	.728	.623	.534	.458	.394	.339	.292	.252	.218	.163	.123	.093	.071	.054	16
	18	.836	.700	.587	.494	.416	.350	.296	.250	.212	.180	.130	.095	.069	.051	.038	18
	20	.820	.673	.554	.456	.377	.312	.258	.215	.178	.149	.104	.073	.051	.037	.026	20
	22	.803	.647	.522	.422	.342	.278	.226	.184	.150	.123	.083	.056	.038	.026	.018	22
	24	.788	.622	.492	.390	.310	.247	.197	.158	.126	.102	.066	.043	.028	.019	.013	24
	26	.772	.598	.464	.361	.281	.220	.172	.135	.106	.084	.053	.033	.021	.014	.009	26
28	.757	.574	.437	.333	.255	.196	.150	.116	.090	.069	.042	.026	.016	.010	.006	28	
30	.742	.552	.412	.308	.231	.174	.131	.099	.075	.057	.033	.020	.012	.007	.004	30	
32	.727	.531	.388	.285	.210	.155	.115	.085	.063	.047	.027	.015	.009	.005	.003	32	
34	.713	.510	.366	.264	.190	.138	.100	.073	.053	.039	.021	.012	.006	.004	.002	34	
36	.699	.490	.345	.244	.173	.123	.088	.063	.045	.032	.017	.009	.005	.003	.001	36	
38	.685	.471	.325	.225	.157	.109	.076	.054	.038	.027	.013	.007	.004	.002	.001	38	
40	.672	.453	.307	.208	.142	.097	.067	.046	.032	.022	.011	.005	.003	.001	.001	40	

Present Value of a \$1 Annuity

		Interest Rate															
		1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	12%	14%	16%	18%	20%	
Number of Periods	1	.990	.980	.971	.962	.952	.943	.935	.926	.917	.909	.893	.877	.862	.847	.833	1
	2	1.970	1.942	1.913	1.886	1.859	1.833	1.808	1.783	1.759	1.736	1.690	1.647	1.605	1.566	1.528	2
	3	2.941	2.884	2.829	2.775	2.723	2.673	2.624	2.577	2.531	2.487	2.402	2.322	2.246	2.174	2.106	3
	4	3.902	3.808	3.717	3.630	3.546	3.465	3.387	3.312	3.240	3.170	3.037	2.914	2.798	2.690	2.589	4
	5	4.853	4.713	4.580	4.452	4.329	4.212	4.100	3.993	3.890	3.791	3.605	3.433	3.274	3.127	2.991	5
	6	5.795	5.601	5.417	5.242	5.076	4.917	4.767	4.623	4.486	4.355	4.111	3.889	3.685	3.498	3.326	6
	7	6.728	6.472	6.230	6.002	5.786	5.582	5.389	5.206	5.033	4.868	4.564	4.288	4.039	3.812	3.605	7
	8	7.652	7.325	7.020	6.733	6.463	6.210	5.971	5.747	5.535	5.335	4.968	4.639	4.344	4.078	3.837	8
	9	8.566	8.162	7.786	7.435	7.108	6.802	6.515	6.247	5.995	5.759	5.328	4.946	4.607	4.303	4.031	9
	10	9.471	8.983	8.530	8.111	7.722	7.360	7.024	6.710	6.418	6.145	5.650	5.216	4.833	4.494	4.192	10
	11	10.368	9.787	9.253	8.760	8.306	7.887	7.499	7.139	6.805	6.495	5.938	5.453	5.029	4.656	4.327	11
	12	11.255	10.575	9.954	9.385	8.863	8.384	7.943	7.536	7.161	6.814	6.194	5.660	5.197	4.793	4.439	12
	13	12.134	11.348	10.635	9.986	9.394	8.853	8.358	7.904	7.487	7.103	6.424	5.842	5.342	4.910	4.533	13
	14	13.004	12.106	11.296	10.563	9.899	9.295	8.745	8.244	7.786	7.367	6.628	6.002	5.468	5.008	4.611	14
	15	13.865	12.849	11.938	11.118	10.380	9.712	9.108	8.559	8.061	7.606	6.811	6.142	5.575	5.092	4.675	15
	16	14.718	13.578	12.561	11.652	10.838	10.106	9.447	8.851	8.313	7.824	6.974	6.265	5.668	5.162	4.730	16
	18	16.398	14.992	13.754	12.659	11.690	10.828	10.059	9.372	8.756	8.201	7.250	6.467	5.818	5.273	4.812	18
	20	18.046	16.351	14.877	13.590	12.462	11.470	10.594	9.818	9.129	8.514	7.469	6.623	5.929	5.353	4.870	20
	22	19.660	17.658	15.937	14.451	13.163	12.042	11.061	10.201	9.442	8.772	7.645	6.743	6.011	5.410	4.909	22
	24	21.243	18.914	16.936	15.247	13.799	12.550	11.469	10.529	9.707	8.985	7.784	6.835	6.073	5.451	4.937	24
26	22.795	20.121	17.877	15.983	14.375	13.003	11.826	10.810	9.929	9.161	7.896	6.906	6.118	5.480	4.956	26	
28	24.316	21.281	18.764	16.663	14.898	13.406	12.137	11.051	10.116	9.307	7.984	6.961	6.152	5.502	4.970	28	
30	25.808	22.396	19.600	17.292	15.372	13.765	12.409	11.258	10.274	9.427	8.055	7.003	6.177	5.517	4.979	30	
32	27.270	23.468	20.389	17.874	15.803	14.084	12.647	11.435	10.406	9.526	8.112	7.035	6.196	5.528	4.985	32	
34	28.703	24.499	21.132	18.411	16.193	14.368	12.854	11.587	10.518	9.609	8.157	7.060	6.210	5.536	4.990	34	
36	30.108	25.489	21.832	18.908	16.547	14.621	13.035	11.717	10.612	9.677	8.192	7.079	6.220	5.541	4.993	36	
38	31.485	26.441	22.492	19.368	16.868	14.846	13.193	11.829	10.691	9.733	8.221	7.094	6.228	5.545	4.995	38	
40	32.835	27.355	23.115	19.793	17.159	15.046	13.332	11.925	10.757	9.779	8.244	7.105	6.233	5.548	4.997	40	