

col #2

15% COMPOUND INTEREST FACTORS

ME4001

5/10/06

n  no. of years	SINGLE PAYMENTS		UNIFORM SERIES			
	Compound amount factor caf'	Present worth factor pwf'	Sinking fund factor sff	Capital recovery factor ctf	Compound amount factor caf	Present worth factor pwf
	Given P To find S $(1+i)^n$	Given S To find P $\frac{1}{(1+i)^n}$	Given S To find R $\frac{i}{(1+i)^n - 1}$	Given P To find R $\frac{i(1+i)^n}{(1+i)^n - 1}$	Given R To find S $\frac{(1+i)^n - 1}{i}$	Given R To find P $\frac{(1+i)^n - 1}{i(1+i)^n}$
1	1.150	0.8696	1.0000	1.15000	1.000	0.870
2	1.322	0.7561	0.46512	0.61512	2.150	1.626
3	1.521	0.6575	0.28798	0.43798	3.472	2.283
4	1.749	0.5718	0.20026	0.35027	4.993	2.855
5	2.011	0.4872	0.14832	0.29832	6.742	3.352
6	2.313	0.4323	0.11424	0.26724	8.754	3.784
7	2.660	0.3759	0.09036	0.24036	11.067	4.160
8	3.059	0.3269	0.07285	0.22285	13.727	4.487
9	3.518	0.2843	0.05957	0.20957	16.786	4.772
10	4.046	0.2472	0.04925	0.19925	20.304	5.019
11	4.652	0.2149	0.04107	0.19107	24.349	5.234
12	5.350	0.1869	0.03448	0.18448	29.002	5.421
13	6.153	0.1625	0.02911	0.17911	34.352	5.583
14	7.076	0.1413	0.02469	0.17469	40.505	5.742
15	8.137	0.1229	0.02102	0.17102	47.580	5.847
16	9.358	0.1069	0.01795	0.16795	55.717	5.954
17	10.761	0.0929	0.01537	0.16537	65.075	6.047
18	12.375	0.0803	0.01319	0.16319	75.836	6.128
19	14.232	0.0703	0.01134	0.16134	88.212	6.198
20	16.367	0.0611	0.00976	0.15976	102.443	6.259
21	18.821	0.0531	0.00842	0.15842	118.810	6.312
22	21.645	0.0462	0.00727	0.15727	137.631	6.359
23	24.891	0.0402	0.00628	0.15628	159.276	6.399
24	28.625	0.0349	0.00543	0.15543	184.167	6.434
25	32.919	0.0304	0.00470	0.15470	212.793	6.464
30	66.212	0.015103	0.0023	0.15229	434.75	6.5665

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