

Rule of 72

Based upon an initial value of \$1.00						Based upon an initial value of \$1.00					
Interest Rate	Years by Rule	Actual Value After time	Actual Years to Double	Error in years	Error as %	Interest Rate	Years by Rule	Actual Value	Actual Years to Double	Error in years	Error as %
1	72.00	\$2.05	69.66	-2.34	-3.36	37	1.95	\$1.85	2.20	0.26	11.62
2	36.00	\$2.04	35.00	-1.00	-2.85	38	1.89	\$1.84	2.15	0.26	11.96
3	24.00	\$2.03	23.45	-0.55	-2.35	39	1.85	\$1.84	2.10	0.26	12.29
4	18.00	\$2.03	17.67	-0.33	-1.85	40	1.80	\$1.83	2.06	0.26	12.62
5	14.40	\$2.02	14.21	-0.19	-1.36	41	1.76	\$1.83	2.02	0.26	12.95
6	12.00	\$2.01	11.90	-0.10	-0.88	42	1.71	\$1.82	1.98	0.26	13.28
7	10.29	\$2.01	10.24	-0.04	-0.40	43	1.67	\$1.82	1.94	0.26	13.60
8	9.00	\$2.00	9.01	0.01	0.07	44	1.64	\$1.82	1.90	0.26	13.92
9	8.00	\$1.99	8.04	0.04	0.54	45	1.60	\$1.81	1.87	0.27	14.23
10	7.20	\$1.99	7.27	0.07	1.00	46	1.57	\$1.81	1.83	0.27	14.54
11	6.55	\$1.98	6.64	0.10	1.45	47	1.53	\$1.80	1.80	0.27	14.85
12	6.00	\$1.97	6.12	0.12	1.90	48	1.50	\$1.80	1.77	0.27	15.16
13	5.54	\$1.97	5.67	0.13	2.34	49	1.47	\$1.80	1.74	0.27	15.46
14	5.14	\$1.96	5.29	0.15	2.78	50	1.44	\$1.79	1.71	0.27	15.77
15	4.80	\$1.96	4.96	0.16	3.22	51	1.41	\$1.79	1.68	0.27	16.06
16	4.50	\$1.95	4.67	0.17	3.64	52	1.38	\$1.79	1.66	0.27	16.36
17	4.24	\$1.94	4.41	0.18	4.07	53	1.36	\$1.78	1.63	0.27	16.65
18	4.00	\$1.94	4.19	0.19	4.49	54	1.33	\$1.78	1.61	0.27	16.94
19	3.79	\$1.93	3.98	0.20	4.90	55	1.31	\$1.77	1.58	0.27	17.23
20	3.60	\$1.93	3.80	0.20	5.31	56	1.29	\$1.77	1.56	0.27	17.52
21	3.43	\$1.92	3.64	0.21	5.71	57	1.26	\$1.77	1.54	0.27	17.80
22	3.27	\$1.92	3.49	0.21	6.11	58	1.24	\$1.76	1.52	0.27	18.08
23	3.13	\$1.91	3.35	0.22	6.51	59	1.22	\$1.76	1.49	0.27	18.36
24	3.00	\$1.91	3.22	0.22	6.90	60	1.20	\$1.76	1.47	0.27	18.63
25	2.88	\$1.90	3.11	0.23	7.28	61	1.18	\$1.75	1.46	0.28	18.90
26	2.77	\$1.90	3.00	0.23	7.67	62	1.16	\$1.75	1.44	0.28	19.17
27	2.67	\$1.89	2.90	0.23	8.05	63	1.14	\$1.75	1.42	0.28	19.44
28	2.57	\$1.89	2.81	0.24	8.42	64	1.13	\$1.74	1.40	0.28	19.71
29	2.48	\$1.88	2.72	0.24	8.79	65	1.11	\$1.74	1.38	0.28	19.97
30	2.40	\$1.88	2.64	0.24	9.16	66	1.09	\$1.74	1.37	0.28	20.23
31	2.32	\$1.87	2.57	0.24	9.52	67	1.07	\$1.74	1.35	0.28	20.49
32	2.25	\$1.87	2.50	0.25	9.88	68	1.06	\$1.73	1.34	0.28	20.75
33	2.18	\$1.86	2.43	0.25	10.23	69	1.04	\$1.73	1.32	0.28	21.01
34	2.12	\$1.86	2.37	0.25	10.59	70	1.03	\$1.73	1.31	0.28	21.26
35	2.06	\$1.85	2.31	0.25	10.93	71	1.01	\$1.72	1.29	0.28	21.51
36	2.00	\$1.85	2.25	0.25	11.28	72	1.00	\$1.72	1.28	0.28	21.76