

## Time and Compounding Interest

Example: \$100 (\$1,200 annual) a month earning 13.5% Interest

AGE	PAYMENT	INTEREST	ANNUAL TOTAL	PAYMENT	INTEREST	ANNUAL TOTAL
22	\$1,200.00	\$162.00	\$1,362.00	\$0.00	\$0.00	\$0.00
23	\$1,200.00	\$345.87	\$2,907.87	\$0.00	\$0.00	\$0.00
24	\$1,200.00	\$554.56	\$4,662.43	\$0.00	\$0.00	\$0.00
25	\$1,200.00	\$791.43	\$6,653.86	\$0.00	\$0.00	\$0.00
26	\$1,200.00	\$1,060.27	\$8,914.13	\$0.00	\$0.00	\$0.00
27	\$1,200.00	\$1,365.41	\$11,479.54	\$0.00	\$0.00	\$0.00
28	\$1,200.00	\$1,711.74	\$14,391.28	\$0.00	\$0.00	\$0.00
29	\$1,200.00	\$2,104.82	\$17,696.10	\$0.00	\$0.00	\$0.00
30	\$1,200.00	\$2,550.97	\$21,447.07	\$0.00	\$0.00	\$0.00
31	\$1,200.00	\$3,057.35	\$25,704.43	\$0.00	\$0.00	\$0.00
32	\$0.00	\$3,470.10	\$29,174.53	\$1,200.00	\$162.00	\$1,362.00
33	\$0.00	\$3,938.56	\$33,113.09	\$1,200.00	\$345.87	\$2,907.87
34	\$0.00	\$4,470.27	\$37,583.35	\$1,200.00	\$554.56	\$4,662.43
35	\$0.00	\$5,073.75	\$42,657.11	\$1,200.00	\$791.43	\$6,653.86
36	\$0.00	\$5,758.71	\$48,415.82	\$1,200.00	\$1,060.27	\$8,914.13
37	\$0.00	\$6,536.14	\$54,951.95	\$1,200.00	\$1,365.41	\$11,479.54
38	\$0.00	\$7,418.51	\$62,370.47	\$1,200.00	\$1,711.74	\$14,391.28
39	\$0.00	\$8,420.01	\$70,790.48	\$1,200.00	\$2,104.82	\$17,696.10
40	\$0.00	\$9,556.71	\$80,347.19	\$1,200.00	\$2,550.97	\$21,447.07
41	\$0.00	\$10,846.87	\$91,194.06	\$1,200.00	\$3,057.35	\$25,704.43
42	\$0.00	\$12,311.20	\$103,505.26	\$1,200.00	\$3,632.10	\$30,536.53
43	\$0.00	\$13,973.21	\$117,478.47	\$1,200.00	\$4,284.43	\$36,020.96
44	\$0.00	\$15,859.59	\$133,338.07	\$1,200.00	\$5,024.83	\$42,245.79
45	\$0.00	\$18,000.64	\$151,338.71	\$1,200.00	\$5,865.18	\$49,310.97
46	\$0.00	\$20,430.73	\$171,769.43	\$1,200.00	\$6,818.98	\$57,329.95
47	\$0.00	\$23,188.87	\$194,958.31	\$1,200.00	\$7,901.54	\$66,431.49
48	\$0.00	\$26,319.37	\$221,277.68	\$1,200.00	\$9,130.25	\$76,761.74
49	\$0.00	\$29,872.49	\$251,150.16	\$1,200.00	\$10,524.84	\$88,486.58
50	\$0.00	\$33,905.27	\$285,055.43	\$1,200.00	\$12,107.69	\$101,794.27
51	\$0.00	\$38,482.48	\$323,537.92	\$1,200.00	\$13,904.23	\$116,898.49
52	\$0.00	\$43,677.62	\$367,215.54	\$1,200.00	\$15,943.30	\$134,041.79
53	\$0.00	\$49,574.10	\$416,789.64	\$1,200.00	\$18,257.64	\$153,499.43
54	\$0.00	\$56,266.60	\$473,056.24	\$1,200.00	\$20,884.42	\$175,583.85
55	\$0.00	\$63,862.59	\$536,918.83	\$1,200.00	\$23,865.82	\$200,649.67
56	\$0.00	\$72,484.04	\$609,402.87	\$1,200.00	\$27,249.71	\$229,099.38
57	\$0.00	\$82,269.39	\$691,672.26	\$1,200.00	\$31,090.42	\$261,389.80
58	\$0.00	\$93,375.75	\$785,048.01	\$1,200.00	\$35,449.62	\$298,039.42
59	\$0.00	\$105,981.48	\$891,029.49	\$1,200.00	\$40,397.32	\$339,636.74
60	\$0.00	\$120,288.98	\$1,011,318.47	\$1,200.00	\$46,012.96	\$386,849.70
61	\$0.00	\$136,527.99	\$1,147,846.47	\$1,200.00	\$52,386.71	\$440,436.41
62	\$0.00	\$154,959.27	\$1,302,805.74	\$1,200.00	\$59,620.92	\$501,257.33
63	\$0.00	\$175,878.78	\$1,478,684.52	\$1,200.00	\$67,831.74	\$570,289.07
64	\$0.00	\$199,622.41	\$1,678,306.93	\$1,200.00	\$77,151.02	\$648,640.09
65	\$0.00	\$226,571.44	\$1,904,878.36	\$1,200.00	\$87,728.41	\$737,568.50
<b>Totals</b>	<b>\$12,000.00</b>		<b>\$1,904,878.36</b>	<b>\$40,800.00</b>		<b>\$737,568.50</b>