



Compounding and Time: Rate of Return

Assumption: 7% annual rate of return, compounded monthly

	Age 21		Age 25		Age 35		Age 45	
	\$154.47 Monthly	20 years	\$154.47 Monthly	42 years	\$323.83 Monthly	33 years	\$735.00 Monthly	23 years
Age	Annual Payments	Payments Plus Earnings	Annual Payments	Payments Plus Earnings	Annual Payments	Payments Plus Earnings	Annual Payments	Payments Plus Earnings
21	\$1,854	\$1,914	\$0	\$0	\$0	\$0	\$0	\$0
22	\$1,854	\$3,967	\$0	\$0	\$0	\$0	\$0	\$0
23	\$1,854	\$6,168	\$0	\$0	\$0	\$0	\$0	\$0
24	\$1,854	\$8,528	\$0	\$0	\$0	\$0	\$0	\$0
25	\$1,854	\$11,059	\$1,854	\$1,914	\$0	\$0	\$0	\$0
26	\$1,854	\$13,773	\$1,854	\$3,967	\$0	\$0	\$0	\$0
27	\$1,854	\$16,683	\$1,854	\$6,168	\$0	\$0	\$0	\$0
28	\$1,854	\$19,803	\$1,854	\$8,528	\$0	\$0	\$0	\$0
29	\$1,854	\$23,149	\$1,854	\$11,059	\$0	\$0	\$0	\$0
30	\$1,854	\$26,736	\$1,854	\$13,773	\$0	\$0	\$0	\$0
31	\$1,854	\$30,583	\$1,854	\$16,683	\$0	\$0	\$0	\$0
32	\$1,854	\$34,709	\$1,854	\$19,803	\$0	\$0	\$0	\$0
33	\$1,854	\$39,132	\$1,854	\$23,149	\$0	\$0	\$0	\$0
34	\$1,854	\$43,875	\$1,854	\$26,736	\$0	\$0	\$0	\$0
35	\$1,854	\$48,961	\$1,854	\$30,583	\$3,886	\$4,013	\$0	\$0
36	\$1,854	\$54,415	\$1,854	\$34,709	\$3,886	\$8,316	\$0	\$0
37	\$1,854	\$60,263	\$1,854	\$39,132	\$3,886	\$12,931	\$0	\$0
38	\$1,854	\$66,533	\$1,854	\$43,875	\$3,886	\$17,878	\$0	\$0
39	\$1,854	\$73,257	\$1,854	\$48,961	\$3,886	\$23,184	\$0	\$0
40	\$1,854	\$80,468	\$1,854	\$54,415	\$3,886	\$28,873	\$0	\$0
41	\$0	\$86,100	\$1,854	\$60,263	\$3,886	\$34,973	\$0	\$0
42	\$0	\$92,127	\$1,854	\$66,533	\$3,886	\$41,515	\$0	\$0
43	\$0	\$98,576	\$1,854	\$73,257	\$3,886	\$48,529	\$0	\$0
44	\$0	\$105,477	\$1,854	\$80,468	\$3,886	\$56,050	\$0	\$0
45	\$0	\$112,860	\$1,854	\$88,199	\$3,886	\$64,115	\$8,820	\$9,109
46	\$0	\$120,760	\$1,854	\$96,489	\$3,886	\$72,763	\$8,820	\$18,876
47	\$0	\$129,213	\$1,854	\$105,378	\$3,886	\$82,036	\$8,820	\$29,349
48	\$0	\$138,258	\$1,854	\$114,911	\$3,886	\$91,980	\$8,820	\$40,579
49	\$0	\$147,936	\$1,854	\$125,132	\$3,886	\$102,642	\$8,820	\$52,621
50	\$0	\$158,292	\$1,854	\$136,092	\$3,886	\$114,075	\$8,820	\$65,533
51	\$0	\$169,372	\$1,854	\$147,844	\$3,886	\$126,335	\$8,820	\$79,379
52	\$0	\$181,228	\$1,854	\$160,446	\$3,886	\$139,480	\$8,820	\$94,226
53	\$0	\$193,914	\$1,854	\$173,959	\$3,886	\$153,577	\$8,820	\$110,146
54	\$0	\$207,488	\$1,854	\$188,449	\$3,886	\$168,692	\$8,820	\$127,217
55	\$0	\$222,012	\$1,854	\$203,986	\$3,886	\$184,900	\$8,820	\$145,522
56	\$0	\$237,553	\$1,854	\$220,647	\$3,886	\$202,279	\$8,820	\$165,151
57	\$0	\$254,182	\$1,854	\$238,511	\$3,886	\$220,915	\$8,820	\$186,198
58	\$0	\$271,975	\$1,854	\$257,668	\$3,886	\$240,898	\$8,820	\$208,767
59	\$0	\$291,013	\$1,854	\$278,209	\$3,886	\$262,326	\$8,820	\$232,967
60	\$0	\$311,384	\$1,854	\$300,235	\$3,886	\$285,302	\$8,820	\$258,917
61	\$0	\$333,181	\$1,854	\$323,853	\$3,886	\$309,940	\$8,820	\$286,743
62	\$0	\$356,504	\$1,854	\$349,179	\$3,886	\$336,358	\$8,820	\$316,580
63	\$0	\$381,459	\$1,854	\$376,335	\$3,886	\$364,687	\$8,820	\$348,574
64	\$0	\$408,161	\$1,854	\$405,455	\$3,886	\$395,063	\$8,820	\$382,881
65	\$0	\$436,732	\$1,854	\$436,680	\$3,886	\$427,635	\$8,820	\$419,668
66	\$0	\$467,303	\$1,854	\$470,161	\$3,886	\$462,562	\$8,820	\$459,115
67	\$0	\$500,015	\$1,854	\$506,064	\$3,886	\$500,014	\$8,820	\$501,413
	\$37,073		\$79,707		\$128,237		\$202,860	