

The investment balance is calculated as follows:

Year	Investment	Interest	Balance
1	100	0	100
2	100	5	205
3	100	10.25	315.25
4	100	15.75	431
5	100	21.5	552.5
6	100	27.5	680
7	100	33.8	813.8
8	100	40.3	954.1
9	100	47.0	1,101.1
10	100	53.9	1,255
11	100	61.0	1,416
12	100	68.3	1,584.3
13	100	75.8	1,760.1
14	100	83.5	1,943.6
15	100	91.4	2,135
16	100	99.5	2,334.5
17	100	107.8	2,542.3
18	100	116.3	2,758.6
19	100	125.0	2,983.6
20	100	133.9	3,217.5
21	100	143.0	3,460.5
22	100	152.3	3,712.8
23	100	161.8	3,974.6
24	100	171.5	4,246.1
25	100	181.4	4,527.5
26	100	191.5	4,819
27	100	201.8	5,120.8
28	100	212.3	5,433.1
29	100	223.0	5,756.1
30	100	233.9	6,090
31	100	245.0	6,435
32	100	256.3	6,791.3
33	100	267.8	7,159.1
34	100	279.5	7,538.6
35	100	291.4	7,930
36	100	303.5	8,333.5
37	100	315.8	8,749.3
38	100	328.3	9,177.6
39	100	341.0	9,618.6
40	100	353.9	10,072.5
41	100	367.0	10,539.5
42	100	380.3	11,019.8
43	100	393.8	11,513.6
44	100	407.5	12,021.1
45	100	421.4	12,542.5
46	100	435.5	13,078
47	100	449.8	13,627.8
48	100	464.3	14,192.1
49	100	479.0	14,771.1
50	100	493.9	15,365
51	100	509.0	15,974
52	100	524.3	16,598.3
53	100	539.8	17,238.1
54	100	555.5	17,893.6
55	100	571.4	18,565
56	100	587.5	19,252.5
57	100	603.8	19,956.3
58	100	620.3	20,676.6
59	100	637.0	21,413.6
60	100	653.9	22,167.5
61	100	671.0	22,938.5
62	100	688.3	23,726.8
63	100	705.8	24,532.6
64	100	723.5	25,356.1
65	100	741.4	26,197.5
66	100	759.5	27,057
67	100	777.8	27,934.8
68	100	796.3	28,831.1
69	100	815.0	29,746.1
70	100	833.9	30,679.9
71	100	853.0	31,632.9
72	100	872.3	32,605.2
73	100	891.8	33,597
74	100	911.5	34,608.5
75	100	931.4	35,639.9
76	100	951.5	36,691.4
77	100	971.8	37,763.2
78	100	992.3	38,855.5
79	100	1,013.0	39,968.5
80	100	1,033.9	41,102.4
81	100	1,055.0	42,257.4
82	100	1,076.3	43,433.7
83	100	1,097.8	44,631.5
84	100	1,119.5	45,851
85	100	1,141.4	47,092.4
86	100	1,163.5	48,355.9
87	100	1,185.8	49,641.7
88	100	1,208.3	50,949.9
89	100	1,231.0	52,280.9
90	100	1,253.9	53,634.8
91	100	1,277.0	55,011.8
92	100	1,300.3	56,412.1
93	100	1,323.8	57,835.9
94	100	1,347.5	59,283.4
95	100	1,371.4	60,754.8
96	100	1,395.5	62,249.9
97	100	1,419.8	63,768.7
98	100	1,444.3	65,311.4
99	100	1,469.0	66,878.4
100	100	1,493.9	68,469.9