

Savings Growth Chart

\$100 saved at 5% interest a year: simple vs compound (once a year)

Year	Simple interest	Compound interest	Extra from compounding
1	\$105.00	\$105.00	\$0.00
2	\$110.00	\$110.25	\$0.25
3	\$115.00	\$115.76	\$0.76
4	\$120.00	\$121.55	\$1.55
5	\$125.00	\$127.63	\$2.63
6	\$130.00	\$134.01	\$4.01
7	\$135.00	\$140.71	\$5.71
8	\$140.00	\$147.75	\$7.75
9	\$145.00	\$155.13	\$10.13
10	\$150.00	\$162.89	\$12.89
11	\$155.00	\$171.03	\$16.03
12	\$160.00	\$179.59	\$19.59
13	\$165.00	\$188.56	\$23.56
14	\$170.00	\$197.99	\$27.99
15	\$175.00	\$207.89	\$32.89
16	\$180.00	\$218.29	\$38.29
17	\$185.00	\$229.20	\$44.20
18	\$190.00	\$240.66	\$50.66
19	\$195.00	\$252.70	\$57.70
20	\$200.00	\$265.33	\$65.33

Simple interest pays 5% of the starting \$100 every year (\$5). Compound interest pays 5% of the growing balance, so the yearly interest grows too.