A sum of \$1000 is deposited in an account that pays 6% annual interest compounded at the end of each year. Assuming there are no further deposits or withdrawals, how much money is in the account after 20 years?

Time in	Current	Account	Interest to be	Account Balance at End of
Account	Year	Balance at	Earned in the	Year (\$)
(years)	Number	Beginning of	Current Year (\$)	
		Year (\$)		
t	Ν	A(t)		A(N)
0	1	1000	100	1100
1	2	1100	110	1210
2	3			
3	4			
4	5			
5	6			
6	7			
7	8			
8	9			
9	10			
10	11			
11	12			
12	13			
13	14			
14	15			
15	16			
16	17			
17	18			
18	19			
19	20			
20	21			
21	22			
22	23			
23	24			
24	25			
25				

Monthly Compounding

A sum of \$1000 is deposited in an account that pays 6% annual interest compounded at the end of each month. Assuming there are no further deposits or withdrawals, how much money is in the account after 20 years?

Daily Compounding

A sum of \$1000 is deposited in an account that pays 6% annual interest compounded at the end of each day. Assuming there are no further deposits or withdrawals, how much money is in the account after 20 years?

Continuous Compounding

A sum of \$1000 is deposited in an account that pays 6% annual interest compounded continuously. Assuming there are no further deposits or withdrawals, how much money is in the account after 20 years?