

$$y=7000-2000*\exp(-0.1*t)$$

t	y
0	5000
6	5902.377
12	6397.612
18	6669.402
24	6818.564
30	6900.426
36	6945.353
42	6970.009
48	6983.541
54	6990.967
60	6995.042
66	6997.279
72	6998.507
78	6999.181
84	6999.55
90	6999.753
96	6999.865
102	6999.926
108	6999.959
114	6999.978
120	6999.988
126	6999.993
132	6999.996
138	6999.998
144	6999.999
150	6999.999
156	7000
162	7000
168	7000
174	7000
180	7000

graph of fresh water against time

