

## Chapter 10 Test

1)

a)  $y_0 = 800,000$

b) 4.5%

c) 2,996,255

d)  $t = 20.8$  yrs

3) Approximately 18 min

5) 4286 cases

7)

a) 1

b) 0

c) -3

d) -2

9)  $x = \frac{4}{5}$

11) 100,000 times stronger