

## Algebra II Worksheet #5 Unit 10 selected solutions

2. \$900 is invested in an account paying interest at an annual rate of 4% compounded monthly. Express the balance of the account,  $A$ , as a function of the time,  $t$ , in years. Graph this function for values of  $t$  from 0 to 20 years.

function:  $A = 900\left(1 + \frac{.04}{12}\right)^{12t}$

$t$	$A$
0	900
5	1099
10	1342
15	1638
20	2000

