

## General Algebra 2    Worksheet #7    Unit 11

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1. \$1000 is invested in an account paying interest at an annual rate of 5% compounded quarterly. 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: \_\_\_\_\_

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: \_\_\_\_\_

3. \$600 is invested in an account paying interest at an annual rate of 8% compounded daily. 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: \_\_\_\_\_

