

Algebra II Worksheet #5 Unit 10

1. \$700 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. \$500 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: _____

