1. $1000 is invested in an account paying interest at an annual rate of 5% compounded continuously. 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 continuously. 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 continuously. 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: _____