

Name: \_\_\_\_\_

## Evaluation 5

Introductory Programming  
Fall 2005

1. Write a MATLAB function named `balance` that takes an input argument named `i` and that evaluates the following expression

$$\frac{p}{i}[(i+1)^n - 1] \quad (1)$$

and returns the result. It should use the values  $p = 200$ ,  $n = 300$ .

2. Show an example of how you would use your function to evaluate this expression with  $i = 0.01$  and assign the result to a variable.