MAT 2170 — Writing Methods Exercise 1

Create an implementation for each of the following method descriptions, then give an example of an invocation of the method.

1. Calculates the area of a generic rectangle, `CalcArea()`

Example invocation:	

2. Calculates the area of a `GRect` object, `GCalcArea()`

Example invocation:	

3. Determines whether two `GRect` objects have the same area, `GSameArea()`

Example invocation:	

4. Determines the number of digits in a positive integer, `NumDigits()`

Example invocation:	

5. Calculates the amount of an ingredient needed when modifying the size of a recipe (e.g., if a recipe originally calls for 3 cups of flour and we wish to make half again as much, we will need 4.5 cups).

Example invocation:	

6. Forces the user to enter a menu choice as an integer in the range `low` to `high`, then returns that choice, `MenuChoice()`.

Example invocation:	