

CIS 230 – Spring 2006
Homework #5

Due by 10:00 AM, Wednesday, March 8, 2006

Your document may be typed or handwritten and turned in at the start of lecture on Wednesday.

Assignment:

1. Create a UML class diagram for a **Triangle** class.
 - Attributes (private):
 - sides
 - Behaviors (public):
 - store the sides
 - return the sides
 - return (calculate) the perimeter
 - return (calculate) the area
2. Create a UML class diagram for a **Rectangle** class.
 - Attributes (private):
 - sides
 - Behaviors (public):
 - store the sides
 - return the sides
 - return (calculate) the perimeter
 - return (calculate) the area
3. Create a UML class diagram for a **Circle** class.
 - Attributes (private):
 - radius
 - Behaviors (public):
 - store the radius
 - return (calculate) the circumference
 - return (calculate) the area