**Project 2: Associative Property Rubric**

1. **Completion Tasks (1 pt each, unless specified)**
   1. Associative Class header
   2. main method prototype
   3. main method body
      1. created Scanner object
      2. prompted for user input
      3. stored three integers from standard input
      4. created Associative object
      5. printed statement, using Associative method calls **(2 pts)**
   4. class variables
      1. created three integer variables
   5. class methods
      1. method prototypes
      2. calculations are appropriate and use parameters as named
      3. method return values match prototype
   6. class constructor
      1. correct method prototype
      2. correctly assigns values to class variables
   7. submitted as specified
2. **Correctness (4 pts)**
   1. Program runs as expected (Prompt, user input, outputs: “Grouping the first two terms, (1 + 2) \* 3 = 9” and “Grouping the last two terms, 1 + (2 \* 3) = 7” )
3. **Style (1 pt each)**
   1. Used camel casing for methods and classes
   2. Indentation is consistent
   3. Blocks are clearly defined
4. **Efficiency**
   1. Not applicable
5. **Extra Credit**
   1. Five methods, one for each operation
   2. Correct use of the equality operator
   3. Adjusted main method to report on whether a given property is associative

**TOTAL: 15 + 4 + 3 + 0 = 22 pts**

**EC: 5 pts**