

C++ MATH TUTOR DESIGN GRADE SHEET
DELIVERABLE #1 Due 10/14/14
Include a printed copy of this sheet with submission.

PROGRAMMER LAST NAME _____

Total possible points for each item appear in bold .	SCORE
1. Requirements Grouping- The final list of requirements as of 10/9/14 is included, with the requirements REARRANGED, grouped according to Class/Object responsibility, including Main. See #3.	10
2. Classes- At least 3 sensible classes, and the Main program, have been identified to be responsible for the requirements.	10
3. Requirement-to-Function Mapping- Every requirement from (1) has the name of one or more functions which are allocated to fulfill it, listed after the requirement text. Each requirement must be assigned one or more class methods OR, a function associated with the Main program.	10
4. C++ Class Definitions- The header data for each of at least 3 classes should be defined in C++ syntax, showing the class name and all class functions fulfilling the requirements, and any known data to be stored. Every function must have a comment with a complete description of what it does. All of the methods that appear should appear in at least 1 requirement in #1 above. Note: private or helper functions should be included as needed.	20
5. Function-to-Requirement Mapping- Each function must have listed, in its comments, 1) a description of what it does (see #4), and 2) comment containing a list of requirement numbers for which it is responsible. Main program function headers, which are not part of a class, should have their assigned requirements listed as well (see #6). This must be consistent with the assignments shown in #3 above.	10
6. Main program pseudo-code- Pseudo-code showing the logic of the main program should be listed, along with any function headers (C++ syntax) for support functions which are not part of any class definition. See #5 regarding requirements mapping.	10
7. Presentation- This submission has no hand-written parts; includes no method source code other than headers as described; submitted in a folder; has well-organized, readable, labeled pages, within which it is easy to find each of the elements listed on this sheet; includes a printout of this sheet for the grader.	15
<div style="text-align: right;">TOTAL OUT OF 85</div> Comments:	