**CS 220 – PEX 3 Prelim – Grade Sheet Name:** Peterson / Delphia

Points

Criteria Earned Available

|  |  |  |  |
| --- | --- | --- | --- |
| GUI includes necessary buttons (see example in this document) | |  | **4** |
| GUI includes menu bar with appropriate functionality | |  | **4** |
| GUI properly spaces operators, parentheses, and single-digit numbers | |  | **4** |
| GUI properly handles multiple digit numbers and numbers with decimal points | |  | **4** |
| GUI components have appropriate variable names | |  | **4** |
| JUnit tests[[1]](#footnote-1) of expressions with a mixture of + and - | |  | **4** |
| JUnit tests of expressions with a mixture of \* and / | |  | **4** |
| JUnit tests of expressions with a mixture of +, -, \*, / | |  | **4** |
| JUnit tests of expressions with a mixture of +, -, \*, /, and parentheses | |  | **4** |
| JUnit tests of invalid expressions | |  | **4** |
| **Subtotal:** | |  | **40** |
| Extra Credit: GUI allows unary negation of numeric values | |  | **+ 2** |
| **Adjustments** | **All Java code meets specified standards:** |  | **− 4** |
| **Vague/Missing Documentation:** |  | **− 2** |
| **Submission Requirements Not Followed:** |  | **− 2** |
| **Late Penalties:** |  | **25/50/75%** |
| **Total w/adjustments:** |  |  |

Comments from Instructor:

1. JUnit test categories listed on this grade sheet apply both to the infix to prefix converter and the expression tree. [↑](#footnote-ref-1)