Your Writing Quizzes and LaTeX project will be graded for both mathematical correctness and writing style. When a writing score is part of the grading, it will be assigned out of **5 points**, based on this scale:

6/5: Exceptionally well written. A joy to read, and significantly better than other solutions.

5/5: Clear, concise, and complete. A few issues about formatting or writing may receive written comments, but they do not detract from the reader's ability to understand the solution.

4/5: Well organized with reasonable explanations. Minor formatting problems, or use of English that needs improvement, such as sentence fragments, poor punctuation, or spelling mistakes.

3/5: Minor justification or organization problems. Contains an unjustified statement or a statement that is not central to the solution. Or, minor organizational problems that do not make the document too difficult to read.

2/5: Significant justification or organization problems. Contains multiple unjustified statements or statements that are not central to the solution. Or, significant organizational problems that make the document difficult to read.

1/5: A response is present, but it is illegible, impossible to follow, or without justification.

0/5: No response, or no response that addresses the question.

A Note on Notation

It is impossible to write mathematics without symbols that represent the mathematical objects we investigate and the relationships among those objects. For example, we commonly write "$x \in A$" as shorthand for "x is an element of the set A."

However, in order to practice writing complete mathematical sentences, we restrict our use of the symbols for **logical connectives** and **quantifiers** to the early part of the course in which we are discussing the logic of those connectives and quantifiers directly.

For example, when writing the sentence "There exists x such that $x \in A$ or $x \notin A$" on an assignment, do not write

$$\exists\, x \ni (x \in A) \vee \sim (x \in A).$$

The following direction appears on the front page of the tests:

> "Except where explicitly allowed, do not use symbols for logical connectives and quantifiers. That is, do not use the symbols $\Rightarrow$, $\Leftrightarrow$, $\wedge$, $\vee$, $\sim$, $\forall$, $\exists$, and $\ni$."