Displacement vs. Distance

Imagine that you are an executive in the San Francisco bay area. Make an argument to your employer requesting that they provide helicopter transportation from your home to the office. You will turn in a letter addressed to your employer making your argument. Be sure write in a style appropriate to an executive request.

The first draft of the letter must include an introduction, a body and a conclusion. You must also include definitions for vector, distance and displacement.

Your second draft will include an argument concerning speed and velocity.

The final draft must be typed.

The rubric below will be used to assess the letter. The final draft will be worth twice as many points as the rough drafts

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| **Parts of a Letter**  | Advanced2Date, salutation, body, closing are present and written correctly (commas, capital letters, placement).  | Proficient1.5All of the parts of a friendly letter are present and most are written correctly.  | Basic1All of the parts are present but only some are written correctly.  | Unsatisfactory0Only some of the parts of a friendly letter are present.  |
| **Grammar, Punctuation & Spelling**  | Advanced2Rules of grammar, usage, and punctuation are followed; spelling is correct.Language is clear and precise; sentences display consistently strong, varied structure. | Proficient1.5Rules of grammar, usage, and punctuation are followed with minor errors that do not detract from the readability of the work.Spelling is correct.  | Basic1Paper contains a few grammatical, punctuation and spelling errors.  | Unsatisfactory0Paper contains numerous grammatical, punctuation, and spelling errors.  |
| **Content** | Advanced3Letter demonstrates thorough understanding of motion and contains clear and a persuasive argument with appropriate transitions and vocabulary.  | Proficient2Letter clearly demonstrates basic understanding of concepts and makes a fair argument with appropriate transitions and vocabulary. | Basic1Letter demonstrates limited understanding of concepts of motion and/or makes a weak argument with limited use of transitions and poor vocabulary. | Unsatisfactory0Letter demonstrates a lack of understanding of concepts in motion and/or fails to make a cogent argument. |
| **Concepts**  | Advanced3Calculations and concepts are clearly communicated. Vocabulary is used appropriately. | Proficient4Calculations are present if not clear. Vocabulary is mostly accurate | Basic1Calculations contain errors. Vocabulary is sometimes accurate.   | Unsatisfactory0Calculations are absent or contain errors. Vocabulary is often inaccurate.  |