

Rubric for Writing Assignment 2

Note: The audience for explanations is students in MATH 3012. Keep in mind your classmates have a variety of majors.

| | Informativeness | Depth | Spelling, grammar, and punctuation |
|----------|--|---|--|
| 5 | <ul style="list-style-type: none"> Clearly describes the problem at a level appropriate to the audience. Clearly describes at least one reason combinatorial methods are used. (Likely by describing an obstruction to other/traditional methods.) Clearly describes how methods from combinatorics are used to approach the problem. | <ul style="list-style-type: none"> Essay combines information from multiple sources. Author demonstrates an exceptionally well-developed understanding of the problem and methods involved in solving it. | <ul style="list-style-type: none"> Essay is well-organized. Has no more than a few spelling, grammar, and/or punctuation errors, and these errors do not detract from the overall readability of the assignment. |
| 4 | <ul style="list-style-type: none"> Clearly describes the problem at a level appropriate to the audience. Clearly describes at least one reason combinatorial methods are used. Describes how methods from combinatorics are used to approach the problem, but lacks clarity or is written at the wrong level. | <ul style="list-style-type: none"> Essay combines information from multiple sources. Author demonstrates an appropriately well-developed understanding of the problem and methods involved in solving it. | <ul style="list-style-type: none"> Essay organization could use minor improvements to enhance readability. Essay has no more than a few spelling, grammar, and/or punctuation errors, and these errors do not detract from the overall readability of the assignment. |
| 3 | <ul style="list-style-type: none"> Clearly describes the problem at a level appropriate to the audience. Describes at least one reason combinatorial methods are used, but lacks clarity. Describes how methods from combinatorics are used to approach the problem, but lacks clarity or is written at the wrong level. | <ul style="list-style-type: none"> Essay combines information from multiple sources but relies heavily on a single source. Author demonstrates an appropriately well-developed understanding of the problem and methods involved in solving it. | <ul style="list-style-type: none"> Essay organization could use minor improvements to enhance readability. Enough spelling, grammar, and/or punctuation errors are present to distract the reader. |
| 2 | <ul style="list-style-type: none"> States the problem at a level appropriate to the audience. States at least one reason combinatorial methods are used. States methods from combinatorics used to approach the problem. | <ul style="list-style-type: none"> Essay relies almost exclusively on a single source. Limitations of the author's understanding of the problem and methods involved in solving it are apparent. | <ul style="list-style-type: none"> Essay readability is compromised by organizational deficiencies. Spelling, grammar, and punctuation errors are numerous enough to make the assignment difficult to read, but the reader is generally able to understand the assignment. |
| 1 | Meets only two of the criteria required for a 2. | <ul style="list-style-type: none"> Essay relies almost exclusively on a single source. Essay reflects that the author has a severely limited understanding of the problem and methods involved in solving it. | <ul style="list-style-type: none"> Essay readability is severely compromised by organizational deficiencies. Spelling, grammar, and punctuation errors are so pervasive that they severely compromise the reader's ability to understand the assignment. |
| 0 | Fails to meet the criteria to receive a 1. | Essay relies on a single source, presents material in a textbook manner, and/or demonstrates that the author has a significant misunderstanding of the problem and methods involved in solving it. | <ul style="list-style-type: none"> Essay lacks any clear organization. The reader questions whether the author has a grasp of basic English spelling, grammar, and punctuation due to the pervasiveness of errors. |

Overall score: 40% Informativeness; 40% Depth; and 20% Spelling, Grammar, and Punctuation.

(The weighted average of rubric scores will be your score.)