Chapter Four Project

Due Wednesday, January 16th

This project is a writing project worth twenty summative points. You will be comparing and contrasting two of the equation forms (standard, slope-intercept and point-slope) using the top hat organizer below. Once you have finished the organizer, decide which form you like best and write one paragraph analyzing why you like it best. Which features from the top hat make it your favorite? The paragraph must be typed to receive ten points and your top hat should have at least three differences and must be legible. Include words and math forms. (i.e. slope-intercept form y = mx + b).

Grading Rubric

Your project will be graded as follows:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Points | 10 | 8 | 6 | 4 | 2 | 0 |
| Mastery | Demonstrates clear understanding of math standard. Examples are 100% accurate. | Demonstrates clear understanding with one misconception. Examples are 90 - 99% accurate. | Demonstrates some understanding with two or more misconceptions. Examples are 75 - 89% accurate. | Demonstrates vague understanding with several misconceptions. Examples are 50 - 74% accurate. | Demonstrates lack of understanding. Examples are less than 50% accurate. | Student does not complete the project. |
| Points | 10 | 8 | 6 | 4 | 2 | 0 |
| Quality | Paragraph is typed and includes ideas covered in the top hat. Top hat had at least three differences and was legible. | Paragraph does not include ideas covered in the top hat or was not typed or top hat was not legible. | Two of the following: Paragraph does not include ideas covered in the top hat or was not typed or top hat was not legible. | Three of the following: Paragraph does not include ideas covered in the top hat or was not typed or top hat was not legible. | Top hat did not include at least three differences. | Student did not complete the project. |

Equation Forms