Chapter 8 Project

Due Monday, April 16th

This project is a summative assessment worth 20 points and contributes to 60% of your grade. Math accuracy will be worth up to ten points and quality will be worth up to ten points. Everyone will be doing the same project this time.

You will be creating a composite figure creature using at least three different shapes (parallelogram, square, rhombus, rectangle, circle, trapezoid, or triangle) and calculating the total area of your creature. (Hint: calculate the area for each individual shape and add them all together) Include a separate piece of paper showing your calculations for the area. The best ones will be on display, so be creative and make them visually appealing.

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 | Project is visually appealing and all work is shown. | Project did not include a sheet showing work or visual appeal is low. | Project did not include a sheet showing work and visual appeal is low. | Project appears to have been done quickly with little effort. No work is shown and project is not visually appealing. | Project was not one of the assigned. Not appropriate for the standards in the chapter. | Student did not complete the project. |