Unit 1 Project Rubric

Task 1

Graph of ABC	1 point
Answered part *a* with all work shown and justification provided. Uses distance formula to prove segments have congruent length.	3 points
Construction **using compass and straightedge** in part b with D marked as intersection of bisector with AC	2 points
part c answered correctly	1 point
Total	7 points

Task 2

Finds perimeter of each shape and uses it to find length of black cord used	4 points
Finds area of each color and correctly subtracts unnecessary area to find amount of each needed.	4 points
Tells how much of each color is necessary and justifies every answer	8 points
Total	16 points