

Linear Programming Project
Algebra 2

STEP 1: Complete the Problem

Each person will pick one of the three attached linear programming problems. Report the problem chosen to Mrs. Cheney before leaving class on Monday.

Complete this problem over the next 3 days. This is due on Friday (3/5). This will be a homework grade.

We will go over each problem on Friday in class.

STEP 2: Make the Poster

Create a poster that states the problem, shows the inequalities, shows the graph, the vertices for finding the minimum and maximum and shows the calculations of the minimum and maximum for the function to be used. This poster is due on Tuesday, March 9th.

STEP 3: Reflection

This is a brief write-up of the project process. It should include what you learned during this process and how you feel about this project.

The poster and the reflection will combine to be a test grade.

RUBRIC for Poster and Reflection

... wind a cyclist... five hours. She returned in... hours against the wind. Find the rate of the cyclist without wind... rate of the wind.	5.	With a... twelve... and th...
... three hours for a boat to go 18 miles downstream, and nine hours... rn. What is the rate of the boat in calm water and the rate of the... t?	6.	It take... to retu... curren...
... for a bag of chips; \$1.05 for a box of pretzels	Answers	
... for an order of crab claws; \$3.25 for a cup of gumbo	1.	\$.99 f...
... boat in calm water: 9 mph rate of the current: 7 mph	2.	\$4.50
... canoeist in calm water: 6 mph rate of the current: 4 mph	3.	rate of
... cyclist without wind: 5 mph rate of the wind: 3 mph	4.	rate of
	5.	rate of
	6.	rate of