

Revised Assignment Instructions:

Imagine that you are the sales coordinator at a reception hall. Your reception hall does not charge a rental fee of \$500 if at least \$3500 is spent on food. The couple plans to serve a dinner that costs \$28 per person. As coordinator, you must write a single-page, flier-style proposal explaining the costs to host their wedding at your facility. It is your company’s policy to provide a mathematical formula and visuals (a table and a chart) that potential customers can use to calculate their rental fee according to the number of people who are served. Be sure to include the following information in your proposal:

- Dinner cost per person
- A mathematical formula the couple can use to calculate their rental costs
- The step-by-step calculation showing how many people must attend for the rental fee to be waived.
- An input-output table showing several combinations of people served and rental costs
- A coordinate graph showing the feasibility area to have the rental fee waived

RUBRIC: REVISED ASSIGNMENT

	3	2	1	0	Score
Style & Content	Submission is a single-page flier that includes the dinner cost per person AND an explanation of the costs to host their wedding at the facility.	Submission is a single-page flier that includes the dinner cost per person OR an explanation of the costs to host their wedding at the facility.	Submission is NOT a single-page flier but includes the dinner cost per person OR an explanation of the costs to host their wedding at the facility.	Submission is NOT a single-page flier and does NOT include the dinner cost per person OR an explanation of the costs to host their wedding at the facility.	
Mathematical Formula	Includes a completely accurate equation/inequality to represent the scenario.	Includes a mostly accurate equation/inequality to represent the scenario.	Includes a partially accurate or inaccurate equation/inequality to represent the scenario.	Does not include an equation/inequality to represent the scenario.	
Step-by-Step Solution	Includes a completely accurate step-by-step solution showing how many people must attend for the rental fee to be waived.	Includes a mostly accurate step-by-step solution showing how many people must attend for the rental fee to be waived.	Includes a partially accurate or inaccurate step-by-step solution showing how many people must attend for the rental fee to be waived.	Does not include a step-by-step solution showing how many people must attend for the rental fee to be waived.	

Input-Output Table	Includes a completely accurate step-by-step input-output table showing several combinations of people served and rental costs (at least two combinations with the rental fee charged AND two combinations with the rental fee waived).	Includes a mostly accurate step-by-step input-output table showing several combinations of people served and rental costs (at least one combination with the rental fee charged AND one combination with the rental fee waived).	Includes a partially accurate or inaccurate step-by-step input-output table showing one combination of people served and rental costs (one combination with the rental fee charged OR one combination with the rental fee waived).	Does not include an input-output table showing one or more combinations of people served and rental costs.	
Coordinate Graph / Chart	Includes a completely accurate coordinate graph/chart showing the feasibility region to have the rental fee waived.	Includes a mostly accurate coordinate graph/chart showing the feasibility region to have the rental fee waived.	Includes a partially accurate or inaccurate coordinate graph/chart showing the feasibility region to have the rental fee waived.	Does not include a coordinate graph/chart showing the feasibility region to have the rental fee waived.	
TOTAL					

Informal Writing Assignment

For this 30-point writing assignment, use Canva (or other tool) to design an infographic to briefly describe the types of math that are used in your desired career field. This assignment will allow you to research your field to learn the types of math you may need to focus on while completing your college math courses.

What to Include:

- At least 4 math concepts that are used in your desired career field
- Layout: Title and a dedicated “bubble” or section for each of the 4 math concepts (12 points)
- Content: A brief description explaining how each concept is used within your field (12 points)
- Visuals: Graphics and images related to your career field (3 points)
- Correct spelling and grammar (3 points)