Name: _____   Date: _____

A school is hosting a school dance as a fundraiser. The school will charge $4 per student to attend the dance.

PART A

Write an expression that can be used to calculate the amount of money collected for *n* number of students who attend the dance.

Enter your expression in the space provided.

PART B

The school rents speakers to play the music for $156. The school has a goal to raise $280 after paying the rental fee.

How many students will need to attend the dance for the school to pay the rental fee and reach their fundraising goal? Show or explain the steps used to solve the problem.

Enter your answer and work or explanation in the space provided.

ANSWER KEY

Rubric Part A	
Score	**Description**
1	Student response includes the following component: • Computation component = 1 point o Correct answer, 4*n*.
0	Student response is incorrect or irrelevant.
Rubric Part B	
Score	**Description**

2	Student response includes the following components:
	
	• Computation component = 1 point
	    o Correct answer, 109 students
	• Reasoning component = 1 point
	    o The student properly explains the steps necessary to determine the correct answer.
	
	Sample Student Response:
	"109 students will need to attend. The speakers cost $156. The goal is $280. So altogether the school needs to earn $436. Since each ticket costs $4, $436 divided by 4 equals 109."
	
	OR other valid explanation.

1	Student response includes 1 of the above elements.
0	Student response is incorrect or irrelevant.

Glow	Grow