Name: _____   Date: _____

The students at an elementary school in Orange are collecting cans of food to donate to charity for the Holidays. The 3rd Grade collects 156 cans. The 4th Grade collects 160 cans.

PART A

Marcus says that the 3rd grade collected more cans than the 4th grade.
Explain whether Marcus made a mistake or not. Be sure to use place value in your explanation

Enter your explanation in the space provided.

PART B

What is the total number of cans of food collected by the students? Write an equation to show your answer.

Enter your equation and answer in the space provided.

ANSWER KEY

Rubric Part A	
Score	**Description**

2	Student response includes the following components:
	
	• Reasoning component = 1 point
	    ○ The student is able to identify that Marcus made a mistake.
	• Reasoning component = 1 point
	    ○ The student uses place value to explain the error made.
	
	Sample Student Response:
	"Marcus is incorrect. Both numbers have 1 hundred, but 6 tens is more than 5 tens so 160 is the larger number."

1	Student response includes 1 of the above elements.
0	Student response is incorrect or irrelevant.
Rubric Part B	
Score	**Description**

2	Student response includes the following components:
	
	• Reasoning component = 1 point
	    ○ The student writes a correct equation to find the total number of cans collected by the students.
	• Computation component = 1 point
	    ○ Correct answer, 316.
	
	Sample Student Response:
	"156 + 160 = ? ? = 316" OR "156 + 160 = 316"
	• **NOTE: A variety or responses are valid.**

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