

Focus
Standards
and Claim

Claim 3
2.OA.A.1

Stimulus

Going Green

The “Go Green” company held a week-long recycling contest at your school. The grade that collects the most bottles and cans wins the contest.

Your task is to determine which grade won the “Go Green” contest.

The items that can be recycled are shown.



- Plastic bottles
- Aluminum cans
- Glass bottles

Students from the 3rd grade, 4th grade, and 5th grade classes collected bottles and cans and brought them to school.

Table 1 shows how many bottles and cans each grade collected on each day of the week.

Table 1. Bottles and Cans Collected

Class	Bottles and Cans Collected Each Day				
	Monday	Tuesday	Wednesday	Thursday	Friday
3rd Grade	50	60	90	120	90
4th Grade	70	90	100	50	80
5th Grade	80	80	80	80	80

Item Prompt

Use your answers from questions 3 and 4 to explain how the 2nd grade class could have won the "Go Green" contest.

Sample Responses

Sample Response A

They could of won if thay had 500, 410, 20.

Sample Response B

2nd gradr got 490 and it's grater then 400, 390, and 420 so 2nd grade won

Sample Response C

2nd grade won they had more than the other grades

Sample Response D

2nd grade shouldve won because they got 4 milioon and three

Sample Response E

$$290 + 401 = 691$$

2nd grade would had have 691

Sample Response F

2nd grade could have won because I put $200 + 110 + 110$. We all know what is $200 + 110 + 110$. It equals 420.

Sample Response G

$$200 + 350 + 110 = 660$$

2nd grade won because they had a bigger total than 3rd grade (420) 4th grade (390) and 5th grade (460)