



Hidden Discoveries Open Mathematics Round
 08-09 School Year
RESULT

I. Notes to Readers

This second round was a privileged round to those who have qualified from the first round. I thank the 9 students who took time out of their busy lives to participate. I wish that I could've set the contest in a more reasonable time but because of my college, I wanted to do it before my college break. So that explains why on the such short deadline.

The difficulty of this round was by far higher than the real AIME. There were several re-makes of later problems, and as a result, it was natural that problems were difficult to students. But still, it's a nice set of 15 problems that you can play with at your spare time.

II. Statistics

Problem	Distribution	# of Students Correct	# of Students Wrong	# of Omission	Total
Question 1		8	1		9
Question 2		6	3		9
Question 3		1	4	4	9
Question 4		1	5	3	9
Question 5		1	6	2	9
Question 6			8	1	9
Question 7		8		1	9
Question 8		7	1	1	9
Question 9		2	5	2	9
Question 10		6	2	1	9
Question 11		2	5	2	9
Question 12			7	2	9
Question 13		1	6	2	9
Question 14		1	5	3	9
Question 15		3	3	3	9

As you can see, #1,2,7,8, and 10 were considered the easiest problems whereas 6 and 12 were hardest. I have received several complaints about #12 so it's certainly possible that the problem is flawed. But because this round does not lead to another round, I will not make any point changes because that's just extra work for nothing.

Score Distribution	# of Occurrences
1	
2	1
3	
4	2
5	1
6	3
7	2
8	
9	
10	
11	
12	
13	
14	
15	

As shown above, the highest score was 7, which indeed indicates the difficulty of the test.