Mathematics and science competition

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We had mathematics and science competition on Day 5 (20th in July) in the summer camp. In the competition, we were given four hours to solve four questions which had seven problems in total. The questions were written in both English and Chinese, so we could write answers in both languages. And we could leave the competition room as soon as we have finished the questions.

Next, I write the questions of the competition. The question 1 had two problems. We answered the demonstration of equation and inequality in the first problem, and we found the maximum of particular value by using the conditional expression in the second problem. The question 2 also had two problems. Those two problems asked us about the nature in geometric designs, particularly about polygons. In the questions 3, there were two problems about quadratic curve and straight lines. One asked us about the demonstration of the unique nature in two intersections of quadratic curve and straight lines. The other asked us about the coordinates of those intersections. The question 4 was one problem about astronomy. The problem demanded the calculation about angles of sun light and structure of sundial.

Then I'm going to state my impression of the summer camp in Hong Kong. I could realize that my ability of communication evidently improved, and there were various ways of thinking by communicating with many people who were rather different from me in the summer camp. Going through many presentations made by students from other country and the mathematics and science competition, I thought that Japan is behind in the progress of education compared with that of other country. It was really fun to participate in the summer camp, so I'm happy to experience various things such as exchanging opinions with students who had different ways to think from me. My views for the future and the world were widely spread by this camp.