

Intermediate Algebra Grade Report

March 29, 2019

Art of Problem Solving Inc.
10865 Rancho Bernardo Rd Ste 100
San Diego, CA 92127

Greetings,

This letter confirms that Venkataram Edavamadathil Sivaram has completed Art of Problem Solving's Intermediate Algebra course. This 24-week course should be considered equivalent to a full year of topics. This class includes material found in a standard Algebra 2 or Precalculus courses as well as advanced topics beyond the range of most standard curricula. This course is specifically designed for high-performing students and draws material from many programs for the top middle and high school students in the country. Venkataram earned a grade of A- in this course.

Venkataram is a talented student, and performed very well in this class. His excellent performance on the homework demonstrates facility with the concepts and techniques we covered, and his consistent and enthusiastic participation improved the class for him, for me, and for the other students.

I also enjoyed seeing Venkataram engaging in discussions on the message boards, helping other students who were struggling with problems and sharing interesting problems he'd encountered. This kind of enthusiasm for math will serve him well in his future mathematical endeavors.

Going forward, I want to encourage Venkataram to take more time and care with his written solutions. While he clearly understands the material, he was prone to careless errors and to unwarranted assumptions. This is an easy trap to fall into for students as talented as he is; taking more time to work carefully through problems and also double checking his solutions before submitting them will be invaluable in preparing him for more difficult math in college and beyond.

Overall, Venkataram is an outstanding student, and I wish him well in his ongoing adventures in mathematics.

Sincerely,

Sophia Dever
Art of Problem Solving
classes@artofproblemsolving.com

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Student Report



How to Read This Report

Our system for communicating progress to students is based on colors. The green line is the target we set for them, since this is the point where we tell students that they have passed the week's material and are ready to move on. The blue line is the mastery line, and offers an extra challenge to the most motivated students.

Overall: This bar is built by combining the Challenge, Writing, and Participation bars. The length is based 64% on the Challenge Problem score, 32% on the writing problems score, and 4% on the Class Participation score.

Challenge: Every week, the student is challenged with 6-12 difficult short-answer problems based on the week's topic. These problems collectively test the student's ability to correctly apply the key concepts of the week. Students are allowed to re-attempt a problem until they answer correctly. The answers are automatically graded by a computer, giving the student instant feedback along with a full solution to each problem.

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Writing: Writing Problems require a student to write a full solution in complete sentences, rather than simply provide a numerical answer. Each problem serves as a capstone for the week and provides practice in mathematical writing. Here, the student is expected to articulate their creative, critical, and logical reasoning, and to show any step-by-step computations that lead to their final answer or proof. Writing problems are reviewed by our instructional staff, and students receive a grade as well as personalized feedback on both the technical and stylistic aspects of their submission.

Participation: The participation score is generated automatically by monitoring performance during class time.