

ORAL COMPETITION - EVENT SUMMARY

Team Make-up: maximum 2 students, any grade level

Time: Preparation: 10 minutes (students may work together during this time and use any resource materials)

Presentation: 7 minutes for the initial presentation; 3 minutes for the extemporaneous questions.

Format: Presentation: During the first 7 minutes, students will present the solutions to the judges, using only the notes prepared in the preparation room. At the end of the 7 minutes, the students will be handed a copy of the extemporaneous questions.

During this event, either or both students may participate in the presentation. It is up to the students to determine if, or how, they will collaborate on the presentation and/or extemporaneous questions.

All battery operated calculators permitted, including CAS-type in the preparation room only

Scoring: Students will be judged on knowledge, presentation and extemporaneous questions;

Each judge will award up to 25 points per team: Knowledge is worth 0-13 points;

Presentation is worth 0-8 points; Extemporaneous questions are worth 0-4 points.

Scores from the two judges will be added for a maximum of 50 points per team.

ORAL COMPETITION - SPECIFICS

The Oral team consists of at most two students. Either or both students may present the solutions to the judges. The students may collaborate on their answers and the presentation.

NOTE: Coaches and/or students from the presenters' school may observe the presentation, space permitting. No communication of any type is allowed between observers and the students in the competition.

Oral Preparation Room Instructions:

Only the oral contestants may enter the oral preparation room.

Contestants may bring reference materials (including rulers, compasses, protractors, calculating devices and written materials or texts) into the oral preparation room.

Contestants should write their names and school on two copies of the judge's rating sheets.

Contestants will be given the question(s) in time to allow for 10 minutes of preparation prior to the presentation.

Contestants must remain in the oral preparation room after receiving the question(s).

Contestants may prepare notes in the oral preparation room only on the colored paper provided by the oral preparation room proctor.

While giving the presentation, the presenter(s) may use only the notes on the provided colored paper that were prepared in the oral preparation room. No calculators may be used during the presentation, but they may be used in preparing answers to the extemporaneous questions.

Oral Presentation Room Information:

Either or both students may present the solutions to the judges. The students may collaborate on their answers and the presentation.

A chalkboard, chalk and erasers and/or a whiteboard and markers will be provided in the presentation room.

Upon entering the presentation room, one student should hand the rating sheets to the judges.

The initial presentation has a maximum of 7 minutes of uninterrupted presentation time. At the end of 6 minutes, a cue will be given by the timer indicating that 1 minute remains to complete the presentation.

The presentation is to stop immediately at the end of 7 minutes.

After the presentation stops, teams will be handed a copy of the extemporaneous questions. The teams then have exactly 3 minutes to prepare and present their solutions to the extemporaneous questions. Either the presenter or the assistant may answer the extemporaneous question(s). The students may collaborate on their answers to these questions.

There are two judges and a timer in each presentation room. A judge may act as a timer if personnel is limited.

The judges rate the contestants according to the following scale, using the questions below as suggested guidelines:

Knowledge (0-13 points)

- Is an appropriate approach to the problem used?
- Is the solution accurate and complete?
- Are the facts correct?
- Is the logic correct?
- Is the use of vocabulary and notation correct?
- Are relevant theorems, axioms, etc. used and mentioned when they contribute to a desired result?
- Are important ideas emphasized/outlined/summarized?

Presentation (0-8 points)

- Is time used effectively?
- Are ideas explained in a logical manner?
- Is the presentation clear and well-organized?
- Is sufficient detail used?
- Are oral, visual and verbal techniques used effectively?

Responses to extemporaneous questions (0-4 points)

- Are the extemporaneous questions answered correctly and adequately?

Judges should not give or deduct points based on whether one or two students participated in the presentations.

**PREPARED STATEMENT FOR THE ORAL COMPETITION - PREPARATION ROOM
STATE**

Proctor: Please read this statement aloud when students are seated at the beginning of the official starting time for the competition. You may admit latecomers, but each team must stop at the end of their preparation room time.

(There may be one student or two students in the room. They are allowed to have and use any materials in the room that they want to use, including notes and textbooks, but are not allowed to use cell phones, computers, or any other device with communication capabilities.)

(Give each team 3 pieces of colored paper. They may ask for additional pages if they need it during their preparation. They may also use other scratch paper for their preliminary work.)

Please turn off and put away all cell phones, pagers, PDAs, watches and other transmitting devices or items with audible tones now. *(Allow students time to be sure that these items are turned off and put away.)*

You will have ten minutes to prepare your responses to the questions that I will give you. Any notes that you want to use in the Presentation Room must be made on either the question sheet or on the colored paper that I give you. These are the only papers you will be able to refer to during your presentation. If you need additional colored paper as you prepare your solutions, please let me know. You may use other paper for any preliminary work you wish to do. I will give you a one minute warning and a fifteen second warning. At the end of the ten minutes, I will say, "STOP" and you will need to stop working.

Do you have any questions?

(Hand each team a sheet with the questions on it.)

You have 10 minutes to work on the oral competition questions. BEGIN *(start timing the event)*

(After 9 minutes (when 1 minute is remaining) announce "1 minute.")

(After 9 minutes, 45 seconds (when 15 seconds are remaining) announce "15 seconds.")

After 10 minutes, announce "STOP. Put all pens and pencils down."

Proctors should then direct students to the presentation room.

**PREPARED STATEMENT FOR THE ORAL COMPETITION – PRESENTATION ROOM
STATE**

The timer or a judge should read this statement when the contestants enter the room.

Please listen carefully. I am not permitted to answer any questions about the rules of this competition or about the interpretation of the questions.

Please turn off and put away all cell phones, pagers, PDAs, watches and other transmitting devices or items with audible tones now. *(Allow students time to be sure that these items are turned off and put away.)*

If you have filled out two copies of the judges' rating sheets, please give them to us. If not, please write your name, the name of your assistant, and your school on the board.
(Judges: if necessary, write the information on blank rating sheets).

You will have a maximum of 7 minutes to answer the questions you received in the preparation room, using only the question sheet and the sheets of colored paper prepared in the preparation room. You may not use reference material or calculators during your presentation. You will get a warning at 6 minutes. If you finish your presentation in less than 7 minutes, say "We are finished with our presentation." Either student may present your solutions to these problems, or you may work on them together. You will then have a maximum TOTAL of 3 minutes to both answer and present your solutions to some extemporaneous questions. You may use a calculator during this time. Either of you may answer these extemporaneous questions, or you may work on them together. At the end of 3 minutes, I will say "STOP." You are then to stop and leave the room. Your question sheet and any notes will be collected and returned to your coach with the judges' rating sheets at the end of the contest.

You may begin your presentation now. *(Begin timing)*

After 6 minutes, the timer should announce: "1 minute"

After 7 minutes, the timer should announce: "STOP"

Hand the sheet with the extemporaneous questions to the presenter and assistant. Both students may participate in the remainder of the presentation.

You will have a maximum of 3 minutes total to work on and present your solutions to the extemporaneous questions. A warning will be given at 2 minutes. You may begin now.

(Begin timing)

After 2 minutes, the timer should announce: "1 minute"

After 3 minutes, the timer should announce: "STOP"

Collect all notes and papers used during the presentation.