

4th Annual HMMT Invitational Competition

Information for Contestants and Proctors

HARVARD-MIT MATH TOURNAMENT 2016

April 13 — April 17, 2016

1 Test Window

Each student and his/her proctor should agree on a continuous four-hour period in which to take the exam. The test may be given any between the following window:

- Starting no earlier than 12 midnight on April 13, 2016
- Concluding no later than 11:59PM EDT on April 17, 2016.

Proctors may give time warnings at their discretion but no other help from proctors is permitted. Proctors are responsible for enforcing the time limit of four hours.

2 Test Format

The HMIC is a **four-hour, five-problem, proof-based exam**, with the problems varying in difficulty and point weights. All problems require complete proofs, and the markup scheme will be similar to that of olympiads such as the USAMO or IMO.

In accordance with rules of the on-site tournament, outside aids such as books, calculators, graph paper, rulers, compasses, protractors, dictionaries, abaci, slide-rules, laptops, cell phones, magic crystal balls, etc. are prohibited. A translation sheet for key terms in Mandarin Chinese will be provided.

Discussion of HMIC is permitted 24 hours after the end of the testing window.

3 Submitting Solutions

All solutions must be submitted in English on separate one-sided pieces of paper. Do not submit solutions to different problems on the same page.

Each submitted page should contain (i) the student's name, (ii) the problem number, and (iii) the current and total page number, done per-problem. (Note that we are not using ID numbers, unlike in past years.) Thus, an example of an acceptable heading would be:

Evan Chen
Problem 2
Page 1 of 17

Student's solutions should be scanned and emailed to hmmt-invitational@mit.edu immediately after the exam. Please submit each student's solution as a separate PDF file. Each student should fill out a cover sheet (included as the second page of this file) and include it as the first page of their submission.

4th HMMT Invitational Competition 2016
Harvard-MIT Math Tournament

Contestant Name: _____

HMMT Team Name: _____

Date: _____

Start Time: _____

End Time: _____

Problem	No. Pages
1	
2	
3	
4	
5	
Σ	

Sign below to certify that all procedures for HMIC were correctly followed.

Contestant Signature X _____

Proctor Signature X _____