AMERICAN MATHEMATICS COMPETITIONS

AMERICAN INVITATIONAL MATHEMATICS EXAMINATION (AIME)

ANSWER FORM

IMPORTANT DIRECTIONS FOR MARKING THIS FORM:

1. Students who are in the top 5% of all AMC 12 participants or score at least 100 points on the AMC 12, and those who are in the top 1% of the AMC 10 participants are invited to participate in the AIME.

2. Provide the information requested in Section I.

3. Print the requested information in the row of boxes in Section II below.

4. For all coded information, including your answers, USE A NO. 2 PENCIL ONLY, to completely blacken the circle. A CIRCLE IS COMPLETELY BLACKENED ONLY IF THE LETTER/ NUMBER IS NOT VISIBLE.
   The opscan reader will not read lightly filled in circles.
   Sample of IMPROPER marks:

5. Check the blackened circles for accuracy and erase errors completely.

6. Answers to the exam are to be marked on Side 2 of this form.

SECTION I

STUDENT'S NAME (LAST NAME FIRST • FIRST NAME)

HOME ADDRESS

CITY | STATE OR PROVINCE | ZIP OR POST CODE

TELEPHONE ( ) | IF ELIGIBLE I WILL PARTICIPATE IN THE USAMO. ○ YES ○ NO

NAME OF SCHOOL

EMAIL

(Print Legibly)

Mark Reflex® forms by Pearson NCS MM96135-5 654 ED05 Printed in U.S.A.

Which previous exam taken:
○ AMC 10
○ AMC 12

GENDER
○ Female
○ Male

SECTION II

LAST NAME (Print) | FIRST NAME (Print) | MI

SCORE

GRADE

AGE

DO NOT FOLD THIS SHEET

AMERICAN MATHEMATICS COMPETITIONS
AIME Answer Form

DIRECTIONS:

1. CALCULATORS ARE NOT ALLOWED.
2. USE A NO. 2 PENCIL ONLY to mark your answers.
3. For your convenience in mark sensing your answers, write your answer to each problem in the spaces below the problem number using 3 digits in the columns reserved.
4. In each of these columns blacken the one circle which is labeled with the digit you have written at the top.
5. A single digit answer such as 7, should be written and coded as 007, and a two digit answer such as 43, should be written and coded as 043.
6. Compare the blackened circles with the boxes for accuracy. Any discrepancy between the answer to the problem as written and marked will be grounds for ruling the answer incorrect.
7. Erase any errors completely.
8. Your score will be the number of correct answers; there is neither partial credit nor penalty for wrong answers.
9. After completing the exam, sign your name below to certify that these answers represent your own work.

Student's Signature _____

The Committee on the American Mathematics Competitions (CAMC) receives requests from institutions of higher education and other scholarly organizations for the names, addresses and grade levels of high scoring AIME students. This information is used for recruiting and other academic purposes.

○ Yes

Blacken the circle above if you give the CAMC permission to release this information to these organizations. (Your score will not be affected if you do not blacken the circle.)

NOTE: CALCULATORS ARE NOT ALLOWED

Your results will be graded by computer scanning. **Only the blackened circles will be graded.**

PROBLEM 1	PROBLEM 2	PROBLEM 3	PROBLEM 4	PROBLEM 5	PROBLEM 6	PROBLEM 7	PROBLEM 8
○○○	○○○	○○○	○○○	○○○	○○○	○○○	○○○
①①①	①①①	①①①	①①①	①①①	①①①	①①①	①①①
②②②	②②②	②②②	②②②	②②②	②②②	②②②	②②②
③③③	③③③	③③③	③③③	③③③	③③③	③③③	③③③
④④④	④④④	④④④	④④④	④④④	④④④	④④④	④④④
⑤⑤⑤	⑤⑤⑤	⑤⑤⑤	⑤⑤⑤	⑤⑤⑤	⑤⑤⑤	⑤⑤⑤	⑤⑤⑤
⑥⑥⑥	⑥⑥⑥	⑥⑥⑥	⑥⑥⑥	⑥⑥⑥	⑥⑥⑥	⑥⑥⑥	⑥⑥⑥
⑦⑦⑦	⑦⑦⑦	⑦⑦⑦	⑦⑦⑦	⑦⑦⑦	⑦⑦⑦	⑦⑦⑦	⑦⑦⑦
⑧⑧⑧	⑧⑧⑧	⑧⑧⑧	⑧⑧⑧	⑧⑧⑧	⑧⑧⑧	⑧⑧⑧	⑧⑧⑧
⑨⑨⑨	⑨⑨⑨	⑨⑨⑨	⑨⑨⑨	⑨⑨⑨	⑨⑨⑨	⑨⑨⑨	⑨⑨⑨

PROBLEM 9	PROBLEM 10	PROBLEM 11	PROBLEM 12	PROBLEM 13	PROBLEM 14	PROBLEM 15
○○○	○○○	○○○	○○○	○○○	○○○	○○○
①①①	①①①	①①①	①①①	①①①	①①①	①①①
②②②	②②②	②②②	②②②	②②②	②②②	②②②
③③③	③③③	③③③	③③③	③③③	③③③	③③③
④④④	④④④	④④④	④④④	④④④	④④④	④④④
⑤⑤⑤	⑤⑤⑤	⑤⑤⑤	⑤⑤⑤	⑤⑤⑤	⑤⑤⑤	⑤⑤⑤
⑥⑥⑥	⑥⑥⑥	⑥⑥⑥	⑥⑥⑥	⑥⑥⑥	⑥⑥⑥	⑥⑥⑥
⑦⑦⑦	⑦⑦⑦	⑦⑦⑦	⑦⑦⑦	⑦⑦⑦	⑦⑦⑦	⑦⑦⑦
⑧⑧⑧	⑧⑧⑧	⑧⑧⑧	⑧⑧⑧	⑧⑧⑧	⑧⑧⑧	⑧⑧⑧
⑨⑨⑨	⑨⑨⑨	⑨⑨⑨	⑨⑨⑨	⑨⑨⑨	⑨⑨⑨	⑨⑨⑨