68thANNUAL
HIGH SCHOOL HONORS MATHEMATICS CONTEST

April 26th, 2025
on the campus of the
University of California, San Diego

PART I
25 Questions

Welcome to the contest! Please do not open the exam until told do so by the proctor.

EXAMINATION DIRECTIONS:

1. Print (**clearly**) your Name and Contest ID number at the top of **each page of the contest**. (Keep your ID number handy for Part II.)
2. Calculators or other electronic devices may **not** be used.
3. There are 25 multiple-choice questions on Part I. You have 90 minutes for Part I.
4. Clearly indicate your answer in the bubble for each problem. Fill in the bubble, or put a clear X, or a checkmark; just make sure your selection is clear.

Scoring
$+4$ points for a correct answer.
0 points for no answer.
-1 points for an incorrect answer.

Good Luck!

There will be a 15 minute break after Part I before proceeding to Part II.

Please let your coach know if you plan to attend the Awards Banquet on May 9th, 6:00–8:30pm.

ANSWERS.

1. (A)
2. (E)
3. (C)
4. (E)
5. (C)
6. (A)
7. (D)
8. (D)
9. (B)
10. (C)
11. (C)
12. (D)
13. (D)
14. (D)
15. (D)
16. (D)
17. (B)
18. (C)
19. (C)
20. (C)
21. (C)
22. (E)
23. (D)
24. (D)
25. (E)

(A)$\times 2$ (B)$\times 2$ (C)$\times 8$ (D)$\times 9$ (E)$\times 4$