MT Classes Math Olympiad

Ages 11–12 • 90 minutes • October 2026 • English

Answer sheet

Participant code:

Multiple-choice problems

In each problem, circle the letter of the correct answer. If you want to change your answer, cross out the letter you chose earlier and circle the new one.

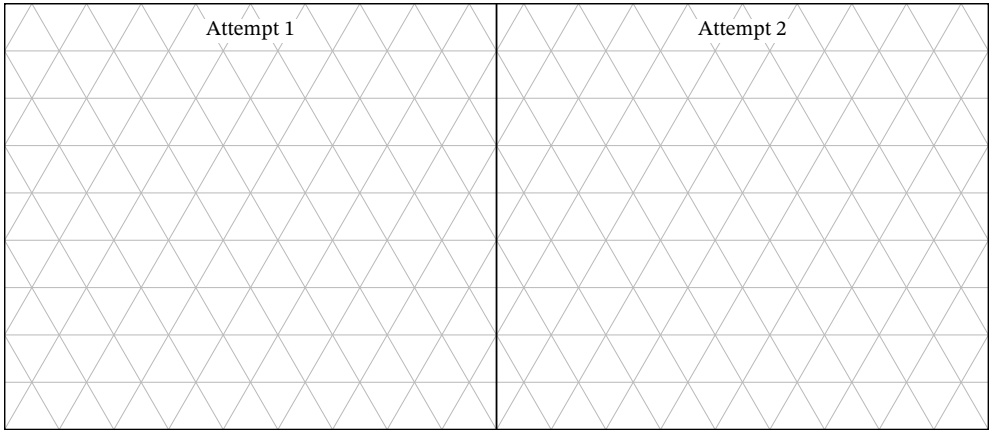
Problem 1. **(a)** **(b)** **(c)** **(d)** **(e)**

Problem 2. **(a)** **(b)** **(c)** **(d)** **(e)**

Short-answer problems

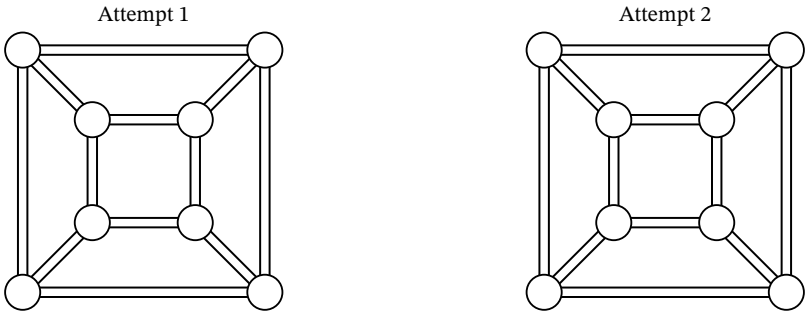
Write the answer or draw the construction required in the problem. If your first attempt was unsuccessful, use the second one and cross out the first.

Problem 3. Shade the triangles on the grid.



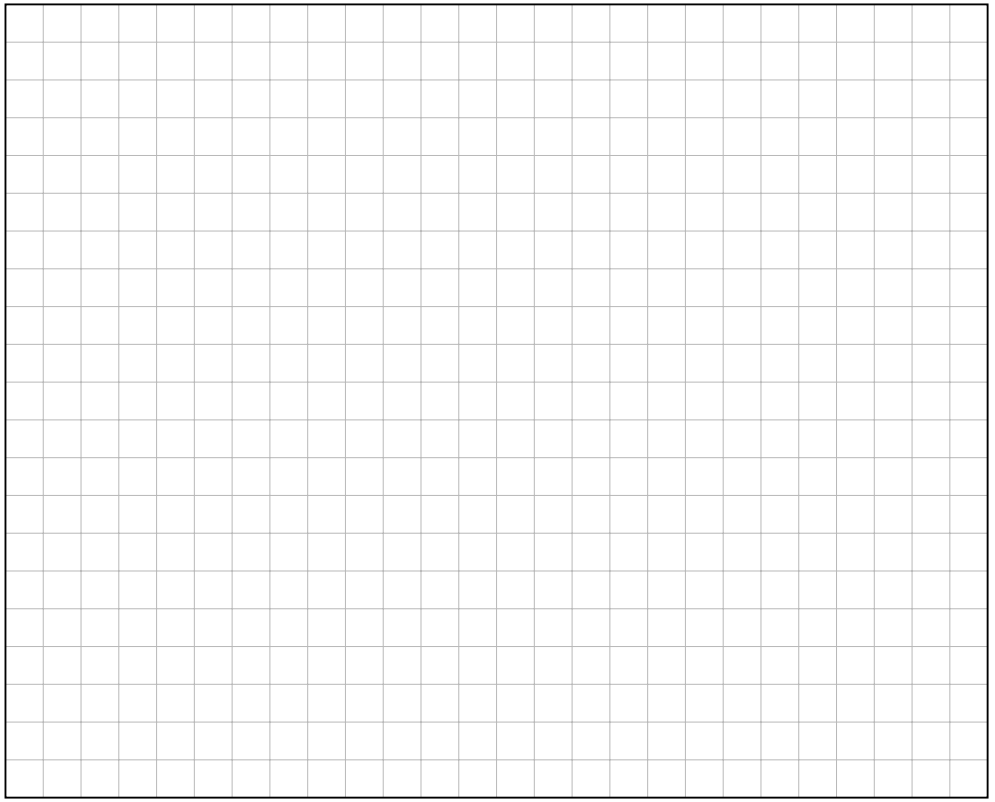
Problem 4. Write the four initial numbers.

Problem 5. Mark the positions of the 14 lamps.



Full-solution problems

Write complete solutions to problems 6 and 7: *give your full reasoning, all necessary justifications and proofs. Both the answer and the reasoning are assessed.*



Participant code:
