

Judge input

Hidden

Omni-MATH

Problem

Compute the smallest positive integer that does not appear in any problem statement on any round at HMMT November 2023.

Reference answer

22

Solution

The number 22 does not appear on any round. On the other hand, the numbers 1 through 21 appear as follows. [Table]

Metadata

Id: 1859 · Domain: Discrete Mathematics ·

Difficulty: 3 · Source: HMMT

Model

Model generation

22

Token use

Reasoning tokens: 3456 – Output tokens: 11

Omni-Judge

Inputs: problem, model generation, reference answer

Extracted final answer

22

Judge: Correct.

The student's answer matches the reference answer, which states that the smallest positive integer not appearing in any problem statement on any round at HMMT November 2023 is indeed 22.