

MAA Metro NY Problem of the Month

Proposed by Avinash Pandey
University of North Texas(UNT)

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Let n be a positive integer. Prove that for any set of n integers, there exists a nonempty subset whose sum is divisible by n .

Computer or AI assisted/generated solutions will not be accepted.

Please send your solution to maanyproblems@gmail.com, including your name (your given name first) and school affiliation if applicable. Solutions are due on March 31.