

Pi Mu Epsilon Problem of the Month

September 2025

A three-digit number has the property that when its digits are reversed, the new number is 300 less than twice the original number. What is the original number?

Problem of the Month Rules:

- ⌘ Submissions must include a complete mathematical or logical justification along with the answer.
- ⌘ Submissions may only be made by individuals, or groups of two, and must be dated.
- ⌘ Due date: September 26, 2025, before 5 p.m. to Dr. David Shoenthal or Dr. Steven Hoehner.

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