

Pi Mu Epsilon Problem of the Month

March 2026

Ada, René, Omar, and Georg attend a conference. Each brings a suitcase of a different color (black, blue, green, and red), and each leaves with a different conference memento (fidget toy, phone popsocket, poster, T-shirt). Determine from the following conditions who brought which suitcase and left with which memento.

- Ada did not bring a blue suitcase. She left with a T-shirt.
- René brought a black suitcase. He left with neither a poster nor a fidget toy.
- The attendee who brought a red suitcase left with a fidget toy.
- Omar brought a blue suitcase.

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: March 27, 2026, before 5 p.m. to Dr. David Shoenthal or Dr. Steven Hoehner.

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