

Pi Mu Epsilon Problem of the Month August 2009

A singles tournament had seven players. Each player played every other player only once, with no ties. If Nancy won 4 games, Olympia won 4 games, Portia won 3 games, Quiterie won 3 games, Rachel won 2 games, and Sybil won 1 game. How many games did Theresa win?

Problem of the Month Rules:

- ⌘ Submissions must include a complete mathematical justification along with the answer.
- ⌘ Submissions may only be made by individuals or groups of two and must be dated.
- ⌘ Due date: August 28, 2009 before 5 p.m.; they may be given to Dr. Leigh Lunsford, Dr. Phillip Poplin, or Dr. David Shoenthal (Mathematics).

Pi Mu Epsilon Problem of the Month website:

<http://www.longwood.edu/staff/shoenthaldw/potm.html>