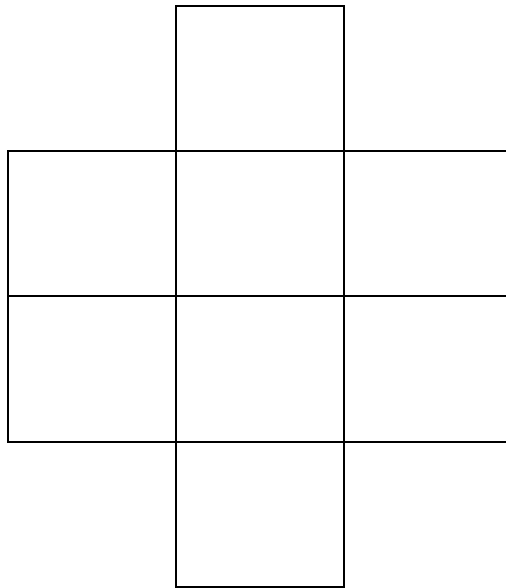


# Pi Mu Epsilon Problem of the Month February 2010

Fill in the shape below with the whole numbers 1 through 8. Each number must appear exactly one time. Each cell must contain exactly one number. Adjacent cells cannot contain consecutive numbers (adjacent means horizontally, vertically, or diagonally). Make sure you justify your answer.



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: February 22, 2010 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>