

Pi Mu Epsilon

Problem of the Month

April 2010

Each of four dice has a distinct letter on each side, and no two dice have any letters in common. (So, there are 24 different letters used.) The four dice are rolled multiple times, and the words below are formed. Determine the letters that are on each of the four dice. When submitting an answer, please list the letters on a particular die in alphabetical order.

BOAT	CODE	DUCK	FOUR	GASP	HARE	MATH
RANT	REAL	UGLY	UNIX	VINE	WRAP	ZINC

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: April 20, 2010 before 5 p.m.; they may be given to Dr. Leigh Lunsford, Dr. Phillip Poplin, or Dr. David Shoenthal (Mathematics).

To get your own copy, please visit the
Pi Mu Epsilon Problem of the Month website:

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