

**Weekly Problem Competition**

**Friday, October 2, 2009**

A set of alphabetical blocks has a single different letter of the alphabet on each of the six sides of each block. In all, the four blocks contain 24 letters of the alphabet. By arranging the blocks in various ways, you can spell all the following words. Can you figure out how the letters are arranged on the four blocks?

*BOWL, LYNX, DEAL*

*MICA, FUSE, NECK*

*GORE, RUNT, INCH*

*WHEY, JUMP, ZIPS*

**Remarks:**

The rules and results of the competition can be found at <http://www.math.iit.edu/~weeklyproblem>  
You have to submit the solution by email, to [weeklyproblem@math.iit.edu](mailto:weeklyproblem@math.iit.edu)  
Please feel free to tell any IIT undergraduate student about the competition.

**Thank you for your participation  
Good Luck !**