Puzzle ID : **INPC2005-05**

Closer!

Consider the standard letters from the Latin alphabet and attach one number to each letter. Define the starting letter as "A" and give the number "1", then set a length of distance which will be used to get to the next letter that will take the number "2" and so on until "26". If a reached letter is already numbered, find the first unnumbered letter. Using this numbers for the letters make the sum of numbers in the sentence "Noble Puzzle Contest". This sum must be as close as possible to a perfect square number (like 4, 9, 16, 25 etc.). Note the difference between your sum and the closest perfect square number with PS1. Then make the sum of the others 15 letters from the alphabet (that are not used in sentence "Noble Puzzle Contest"). This sum must be also as close as possible to a perfect square number. Note the difference between this sum and the closest perfect square number with PS2. Find the minimum of PS1+PS2.

Standard Latin alphabet:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z .

Answer Key: write first your minimum PS1+PS2, then the letters with corresponding numbers in alphabetical order (as A-1, B-2, C-3 . . .).

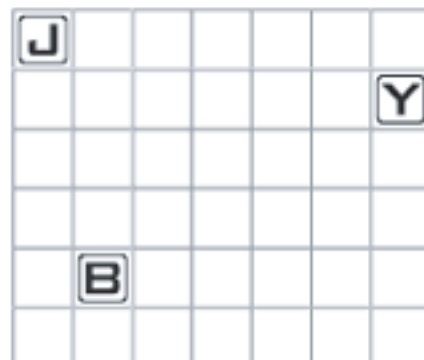## Puzzle ID : **INPC2005-06**

Fill the Box

Fill the box with letter cards so that each word of the pangram below can be read either across or down in any one of the four directions. Some cards are already placed.

Fill the Box

FILL THE BOX JUST WITH CARDS FOR SOLVING MY GOOD PUZZLE QUICK

There are 8 possible ways to read a word:

Answer Key: Write the letters you put on the second column, in order from top to bottom, as in - - - - B -.