JOSEFA BYRNE
Mill Valley, California

The object of the game Scrabble Cubes is to use as many as possible of the fourteen letters in three minutes in a crossword puzzle arrangement. One shakes the cubes in a cup, spilling them out and using only the face-up letters. The score is figured as in Scrabble but without a board. Each letter has the same point value as in Scrabble (A = 1, K = 5, X = 8, Z = 10, etc.) but no bonus is given for seven-letter words.

Suppose that one is permitted to select the face of each cube that he wishes to play. How high a score can be achieved? The solution below, scoring 91, is the highest one found anywhere in Mill Valley. All words can be found in Webster's Second (qu, an obsolete spelling of cue, is found below the line there). A list of the letters on the fourteen cubes is given at the left, with the ones I used underlined (an asterisk denotes a blank).

| AEIOCS | AEIONT | AEIOU* | AEIOUY | AEIOUY | FENLRV | HGDLNV | KGDBRS | QJBNRT | ZXNSTW | ELHGMR | SPLDTW | MPCFRT |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|        | H      | F      | QUIZ   | MUSKY  |        |        |        |        |        |        |        |        |        |

A SCRABBLE CUBE PROBLEM

hazy 19
fike 11
us 2
qu 11
my 7
fa 5
quiz 22
musky 14