



## Problem of the Week

### Problem D

#### Not That Obvious

The numbers in the following table *may* appear to follow a very predictable pattern. It could be very easy to make an incorrect assumption about the values of each of the five cells whose values are hidden by the letters  $a$ ,  $b$ ,  $c$ ,  $d$ , and  $e$ .

	Column 1	Column 2	Column 3	Column 4
Row 1	51	52	$a$	54
Row 2	$b$	56	57	$c$
Row 3	59	$d$	61	$e$

The sum of the numbers in each of the three rows is the same. The sum of the numbers in each of the four columns is the same. However, the sum of any row does not equal the sum of any column.

Determine the missing values in the table.

