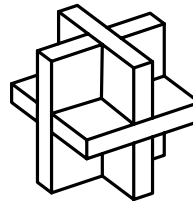


Adalogical Ænigmas

No. 42



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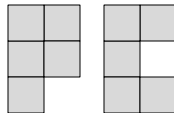
Gentle solver,

Of late, I have found myself *entranced* by the mathematics underlying attempts to address the problem of *gerrymandering*, the deliberate drawing of voting boundaries so as to favour some specific political party. The problem has the always *charming* property that, while the issue is quite obvious to all observers, its solution is far less so!

My researches on this topic have inspired the ænigma below.

The grid below represents a political territory that I desire you to divide, along grid lines, into *districts*. In the interest of fairness, pray ensure that these districts are of *uniform* size, each comprising exactly five squares. A square containing a *digit* must have precisely that many of its sides used as parts of district boundaries.

Once you have completed your districting, you may move on to finding the final answer to my ænigma. In the spirit of *political correctness*, please consider only those districts in the shape of a P or C pentomino (in any reflection or orientation):



For each letter in such a district, advance it in the alphabet (wrapping around from Z to A if necessary) by the number of digits in its district. Reading those letters left to right, top to bottom, will reveal a clue to your final answer.

Good luck!

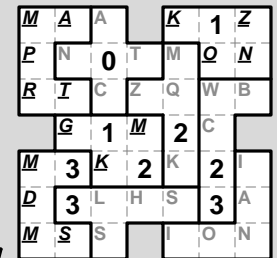
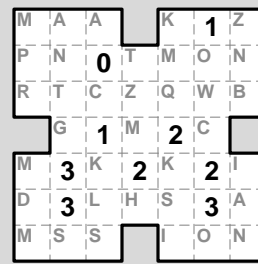
Ada

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Example

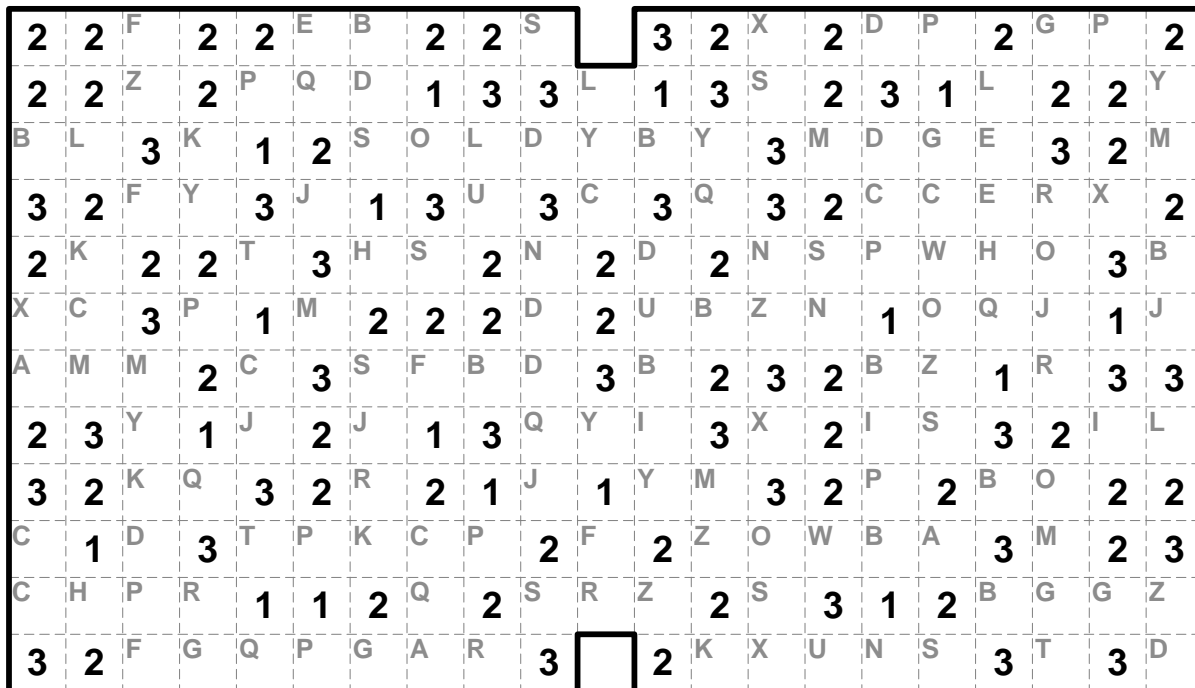


M + 0 = M T + 0 = T
 A + 0 = A G + 2 = I
 K + 1 = L M + 2 = O
 Z + 1 = A M + 1 = N
 P + 0 = P K + 2 = M
 O + 1 = P D + 1 = E
 N + 1 = O M + 1 = N
 R + 0 = R S + 1 = T

Answer:

MALAPPORTIONMENT

Need assistance with Ada's ænigma? Hints and other help are available at www.pavelspuzzles.com/aenigmas/42



Send your answer to aenigma@pavelspuzzles.com to enter the drawing for a **free physical puzzle** and to earn a **10% discount** at Pavel's Puzzles! Full details are at www.pavelspuzzles.com/aenigmas/42.