The Ænigmatic Addenda:
Guest Constructors revisit the Adalogical Ænigmas
No. 25: wormsofcan revisits Ænigma #29

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Gentle solver,

I am ever so proud to present this, the *twenty-fifth* entry in our *Ænigmatic Addendum* series, contributed on this august occasion by a visual artist and deductive artisan who employs the *nom d'ænigma* "wormsofcan." The artist regularly exhibits their graphical works at *twitter.com/x0_000* and their logical conundra at *puzsq.jp* under that same pseudonym, "x0_000."
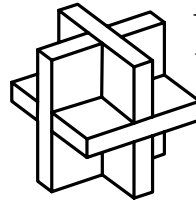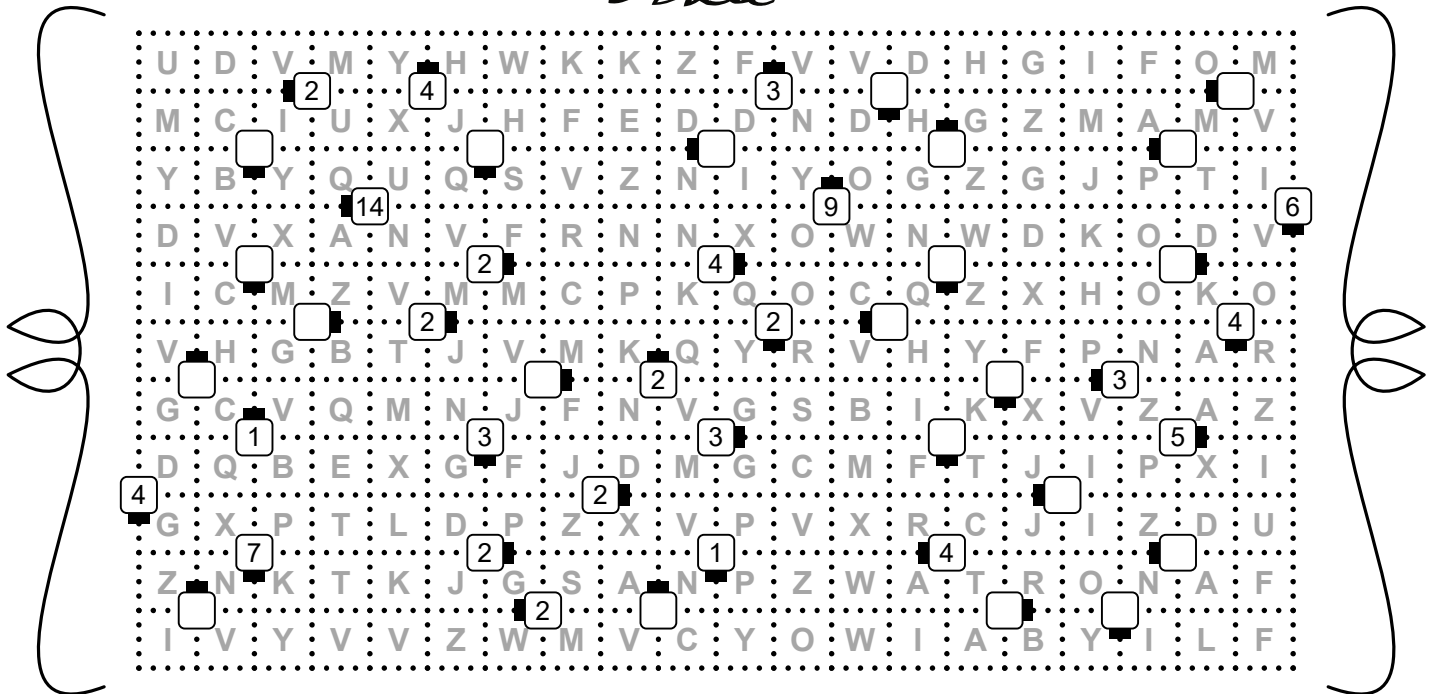
As in my original ænigma, the grid below depicts a tiny hamlet. Each square on a grid point is someone's home, with the black protrusion being their front *verandah*. The house number, if any, counts how many right-angle *turns* the resident likes to make when walking; *unlabeled* homes' residents have no such preference.

Every day, each resident exits their home via the verandah, walks along grid lines, making *exactly* their preferred number of turns, if any, and then enters a house (possibly their own) via some side *other than* the verandah. No two residents' paths ever meet or cross outside of a house, and all of the homes are linked together into a *single* connected network of walking paths.

Once you've finished your map, you may move on to finding the final answer to this ænigma. First, number each unlabeled home with how many turns its resident actually took. Then, discover from which home you could walk for the *greatest* distance, *forward* along the paths, using each path at most once. Finally, walk that route, and whenever you turn, note the letter in the square *inside* the turn; advance it in the alphabet (wrapping around from Z to A if necessary) by the house number most recently encountered. Use each letter only once, even if the path turns about it *multiple* times. Reading the resulting letters in order will reveal a clue to your final answer.
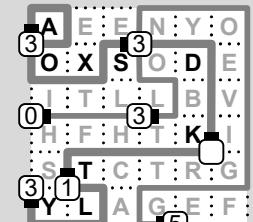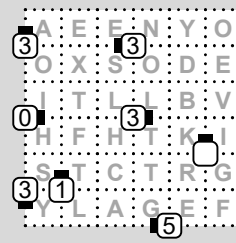
Good luck!

Ada

Example

Y + 3 = B | S + 3 = V
L + 3 = O | X + 3 = A
T + 1 = U | O + 3 = R
K + 1 = L | A + 3 = D
D + 1 = E

Answer:
BOULEVARD

Send your answer to *aenigma@pavelspuzzles.com* by 11/14/2020 for a chance to win **a free physical puzzle** from *Pavel's Puzzles*! Full details are at *www.pavelspuzzles.com/aenigmas/addenda/25*.

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