Adalogical Ænigmas

No. 29

Pavel's Puzzles

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Gentle solver,

If you have perused even a very few of my missives, you will know of my great *fondness* for walking. A pleasant morning's perambulation is, surely, the *quintessence* of a life well lived. Ah, only *imagine* if this were a universally held opinion!

The present ænigma is inspired by just such a *utopic* dream.

The grid below depicts a tiny hamlet. Each rectangle on a grid point represents a resident's home, with the black protrusion being the home's front *verandah*. The number labeling a house, if any, is the count of right-angle *turns* that the home's resident likes to make when they take a walk; residents of *unlabeled* homes have no specific such preference.

Every morning, each resident exits their home via the verandah, walks only along grid lines, making *exactly* their preferred number of turns, if any, and then enters some 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.

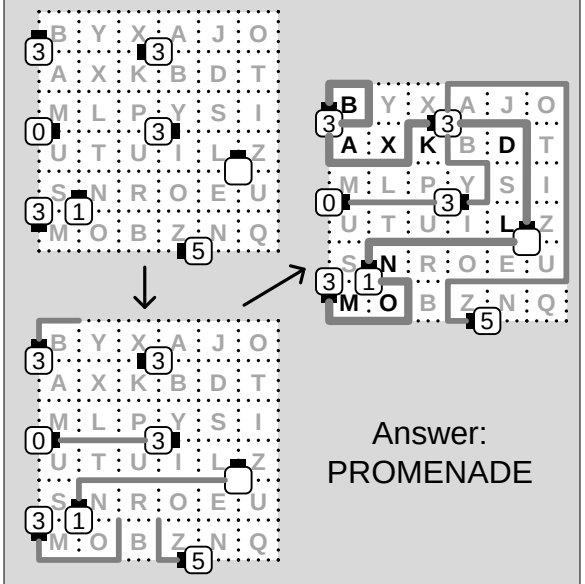
Once you've mapped out all of the residents' paths, you may move on to finding the final answer to my ænigma. First, discover from which home you could walk for the *greatest* distance, *forward* along the paths, using each path at most once.

Then make that journey, and whenever you turn, note the letter in the grid square *inside* the turn; advance it in the alphabet (wrapping around from Z to A if necessary) by the house number you most recently encountered. Use each such 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!

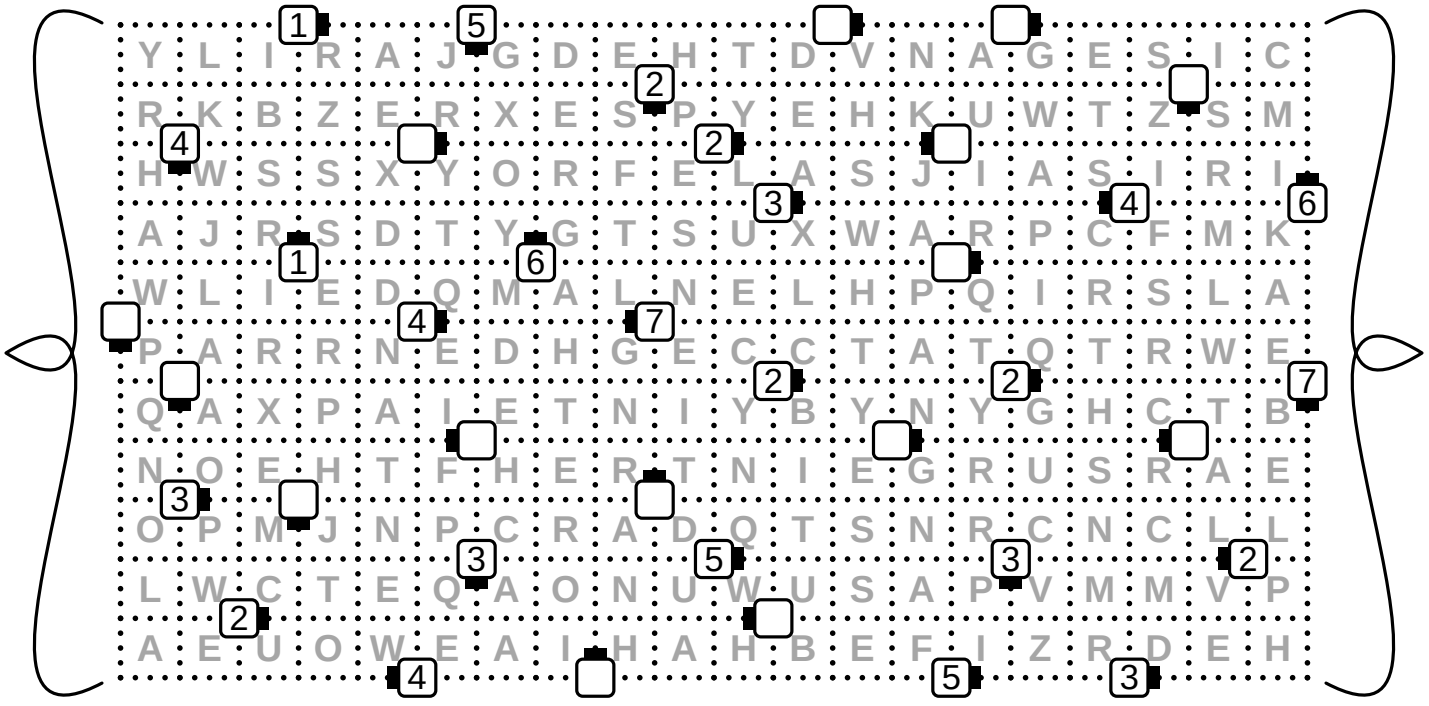
Ada

Example



Answer: PROMENADE

Need assistance with Ada's ænigma? Hints and other help are available at *www.pavelspuzzles.com/aenigmas/29*



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/29*.

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