
PUZZLING SOLUTIONS FOR IN THE HILLS WINTER 2017

Hourglass Cooking

- 1) Once the water is boiling, invert both hourglasses so that the sand is at the top and immediately drop an egg into the water.
- 2) When the 4-minute timer runs out, flip it over (4 minutes have now passed; 3 minutes remain on the larger timer).
- 3) When the 7-minute timer runs out flip it over (7 minutes are now gone; 1 minute is left in the 4-minute timer).
- 4) When the 4-minute timer runs out (8 minutes gone now), flip the 7-minute timer. It still had 6 minutes of sand in it, but flipping it puts 1 minute at the top. When that 1 minute runs out, the egg has been in boiling water for precisely 9 minutes.

A Gust of Winter Wind in Amaranth

The number is 30. The relationship is in the vertical pairs of ornaments. The numerical gap between the top and bottom numbers of each pair increases by 4 from left to right in the arrangement. $25 - 3 = 22$; $25 - 7(3+4) = 18$; $50 - 11(7+4) = 39$; $45 - 15(11+4) = 30$

From Caledon East to Creemore

The hard and easy ways are identical. Begin at Caledon East and figure out a route that meets Penelope's only-once condition, or simply follow the letters in the order that duplicates Max's expression: "N-O-W-A-Y-I-M-S-U-R-E."



A Fortunate Coincidence at the Jolly Morphology Club

campanology = vi – bell ringing
graphology = viii – handwriting
hagiology = xii – saints
vexillology = ii – flags
dactylology = x – sign language

"Today is not Wednesday, is it?"

Today is Sunday.