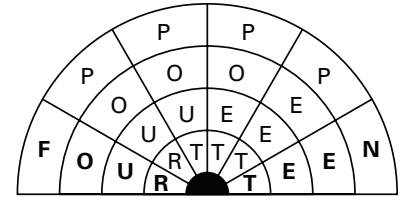# One if by Land

by Jenny Gutbezahl and Kevin Wald

Every subpuzzle yields a nonrepeating sequence of digits in the range 1–6; if you match the digits 1–6 to the six Braille dots (in the order shown by the subpuzzles on the first page) each sequence of digits then corresponds to a Braille letter. The solutions to the subpuzzles are as follows:
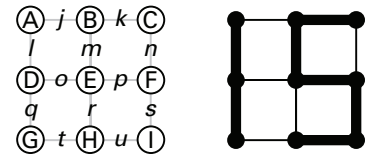
1. The left-hand clues yield USE, TOOTH, SCENT, REEF, QUARTZ, PIQUE, OAR, NIGHT; the right-hand clues yield QUARTS, CENT, PEAK, KNIGHT, EWES. The left-hand answers that do not have homophones on the right are TOOTH, REEF, OAR, which is homophonous with **2, 3, 4 → S**.

2. The clues yield PEET, POET, POUR, NEET, POUT, FOUR, which can be arranged into a "word ladder" (a sequence of words where each is derived from the previous one by changing one letter) and entered into the grid as shown. The bottom spells FOURTEEN, that is, **14 → C**.

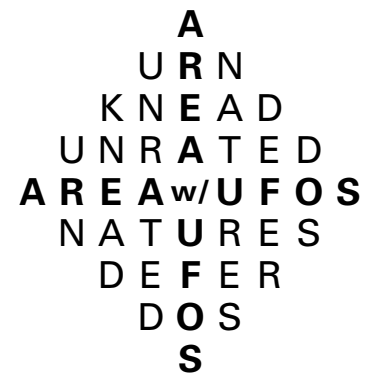3. The sequence shown is 1^1, 2^2, 3^3, 4^4, and thus continues with 5^5 = **3125 → R**.

4. Numbering the rules R1 through R4 and labeling the dots and segments as shown, we can reason as follows: The lit segment from R2 must be q or t (to obey R3 for G) but if it were t then q and r (by R2) and u (by R1) would be unlit, disobeying R4 for t. Thus, q is lit and o, r, and t unlit, so p and u (by R1) and l (by R4) are lit. Then s is lit (by R4 for u), so n is unlit (by R3 for F), so k is lit (by R3 for C), so j is unlit (by R1), so m is lit (by R4 for k). Thus, the lit segments are those highlighted in the second diagram, which form the number **15 → E**.

5. The missing word is "One" — that is, **1 → A**.

6. The pairs of numbers, translated numerically into letters, form four state abbreviations (KY, MT, IL, AZ), and the capitals of these states fit into the blanks before them, yielding F(R)(A)NKFORT, HE(L)(E)NA, SPR(I)N(G)FIELD, and P(H)OENIX. The parenthesized letters spell RALEIGH, the capital of NC, which numerically is **14 3 → M**.

7. The "lyric" presented consists of lyrics from three songs (by U2, by Metallica, and from *A Chorus Line*, in order) all titled "One" — that is, **1 → A**.

8. Revere meets Redcoats at 21:15, 21:45, 22:15, 22:45, 23:15, and (sixthly) at **23:45 → T**.

9. Since E * IN = IN, E = 1. So O * IN - M * IN = 100, so IN is a two-digit factor of 100 with no "1" digit, and is thus 20, 25, or 50. Since O + N ends in I, N ≠ 0, so IN = 25; then O + 5 ends in 2, so O = 7, so M = ON / IN = 75 / 25 = 3, and MAIN = IN * EMO = 25 * 137 = **3425 → T**.

10. The clue answers are: 1. SPLASH (S{oa}P + LASH); 7. RELAID (DIALER, reversed); 8 TEENSY (TEENS + Y); 1. SERF (SURF homophone); 2. PIECE (PEACE homophone); 3. AHAB (AHA + B); 4. STIES (S + TIES); 5. GLUE (LUGE anagram); 6. EDDY (double definition). The unclued entries are EIGHT CUBED, that is **512 → H**.

11. The answers to the clues can be entered both across and down, as shown; when this is done, the middle row and column both show AREA w/ UFOS, which clues **51 → E**.

12. The letter sequences anagram, respectively, to FIXING, ZEPHYR, JOTTED, and QUILTS; the circled letters then anagram to THREE DIGITS OF PI, that is, **3.14 → M**.

Taking the letters in the order of the puzzles yields the solution: **SCREAM AT THEM**.