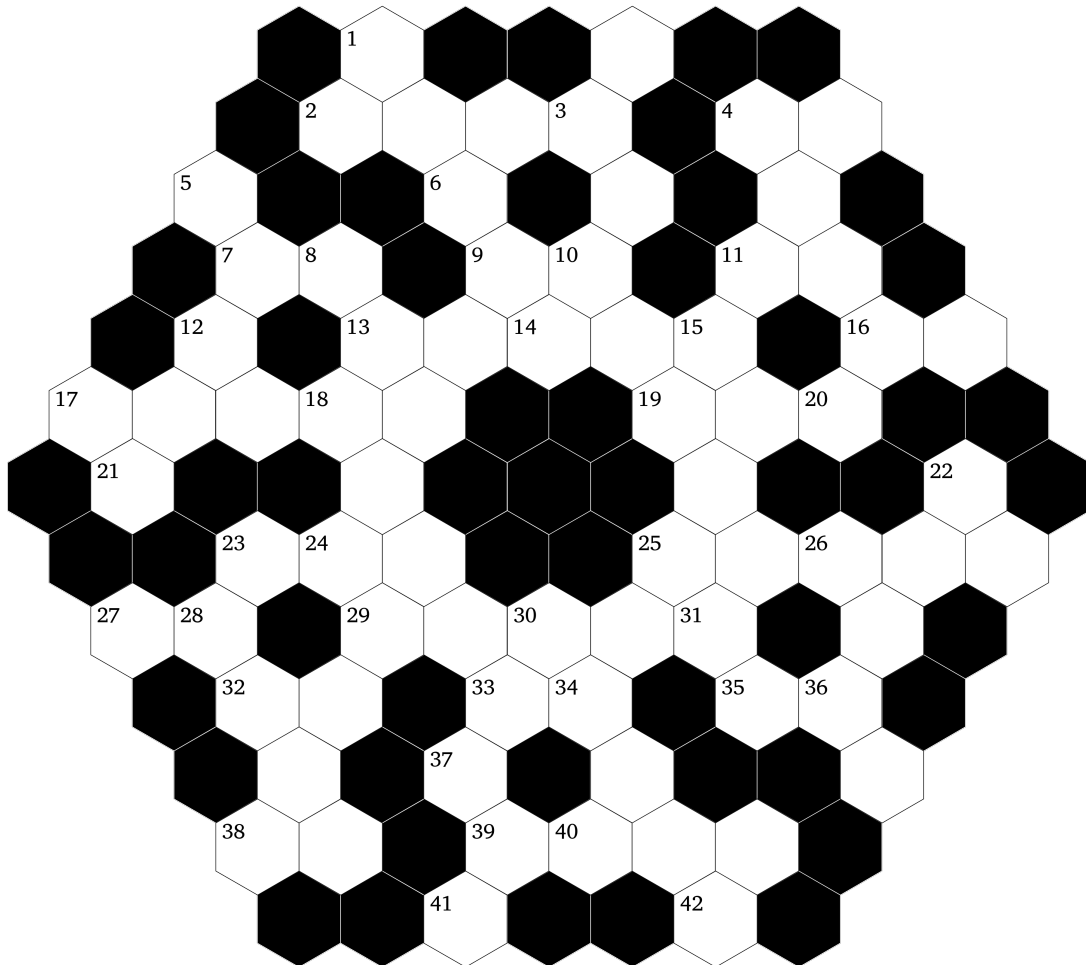
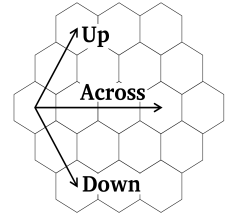


TripleCross - Hard Puzzle #47

This puzzle is like a crossword, but with numbers. Each digit occupies a hexagonal cell and can be a part of a "word" in the across, up, and down directions.

Rules:

1. "Words" may not start with a zero.
2. "Words" in the 'across' direction read from left to right.
3. "Words" in the 'up' direction read along the upward diagonal to the right.
4. "Words" in the 'down' direction read along the downward diagonal to the right.
5. There is one unique solution which satisfies all the clues given below.
6. Some "words" may not have clues. They will be determined by the "words" which intersect them.



Across

- 2 34 up divided by 41 up
- 4 22 down plus 9 across
- 7 Half of 37 up, then subtract 8 down
- 9 28 up minus 27 across
- 11 4 across minus 27 across
- 13 29 across plus 38 across
- 16 15 down minus 6 up
- 17 Last two digits are the same as 28 up
- 19 28 down divided by 36 down
- 23 36 up minus half of 14 up
- 25 Seventy-four times a prime number
- 27 33 across minus 41 up
- 29 Twenty-six times a prime number
- 32 34 up divided by 2 across
- 33 20 up minus 40 up
- 35 28 up minus 5 down
- 38 Mean of 15 down and 4 across
- 39 A cube

Up

- 2 14 up divided by four
- 3 16 across minus 41 up
- 6 31 up minus 22 down
- 14 Four times a prime number
- 18 1 down divided by 39 across
- 19 Mean of 18 down and 6 up
- 20 3 up minus 6 up
- 21 Last two digits are the same as last two digits of 34 up
- 24 Twenty-two thousand two hundred ninety-nine less than 38 up
- 28 Mean of 4 across and 24 down
- 31 26 down plus half of 3 up
- 34 Six thousand nine hundred eighteen less than 38 up
- 36 32 across times 4 across
- 37 Six times a prime number
- 38 Five times a prime number
- 40 3 down minus 31 up
- 41 5 down minus 31 up
- 42 Mean of 16 across and 36 down

Down

- 1 7 across times 39 across
- 3 36 down plus 5 down
- 4 42 up plus 21 up
- 5 Mean of 38 across and 12 down
- 8 Twice a square
- 10 First two digits are the same as 6 up
- 12 28 down divided by 19 across
- 15 42 up plus 31 up
- 17 40 up minus 41 up
- 18 Nine thousand six hundred ninety-six more than 24 up
- 22 Sum of digits in 17 across
- 24 27 across plus 31 up
- 25 Twenty-two times 32 across
- 26 16 across minus 18 up
- 28 19 across times 17 down
- 30 Five thousand two hundred nineteen less than 29 across
- 36 Mean of 35 across and 27 across
- 37 A square

Solution:

