

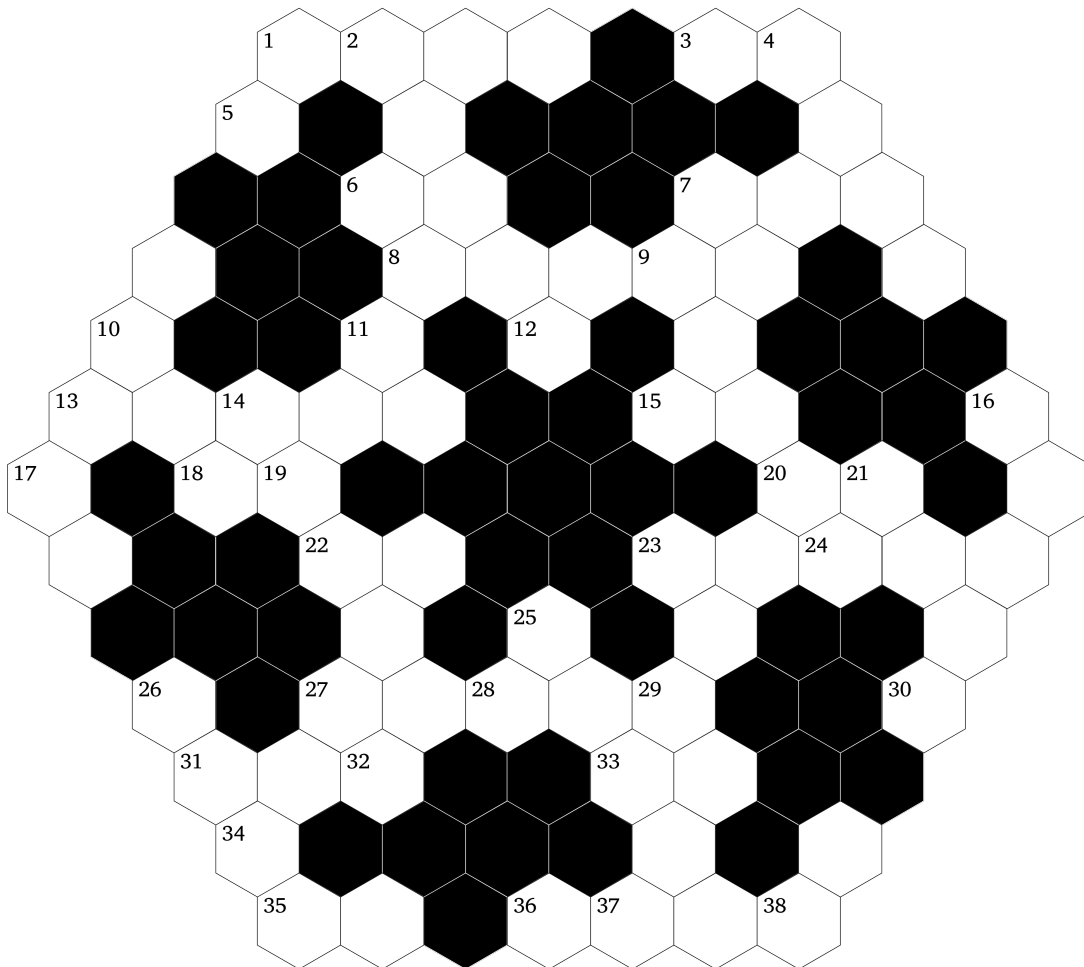
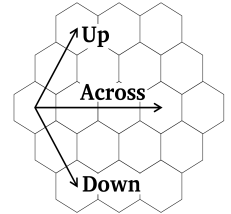
Difficulty: ★★★★★

TripleCross - Hard Puzzle #17

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

- 1 17 up minus half of 38 up
- 3 Mean of 6 down and 12 up
- 6 17 down plus 23 down
- 7 Four times 32 up
- 8 Thirteen thousand two hundred thirty-five more than 13 across
- 13 Fifty-three times a prime number
- 15 Mean of 18 up and 3 across
- 18 5 up minus 22 across
- 20 23 down minus 12 up
- 22 Mean of 23 down and 18 across
- 23 A prime number
- 27 Mean of 14 down and 16 down
- 31 17 down times 11 down
- 33 Mean of 28 up and 15 across
- 35 23 down minus 15 across
- 36 25 down minus 4 down

Up

- 5 9 up plus 12 up
- 6 Twenty-five times 22 across
- 9 18 across plus 11 down
- 12 Mean of 20 across and 29 down
- 15 Three times a prime number
- 17 Forty-two times 6 down
- 18 33 across minus 17 down
- 19 Twenty-six times a prime number
- 24 Mean of 7 down and 20 across
- 28 32 up plus 35 across
- 30 Sixty-one times a prime number
- 32 Mean of 6 across and 22 across
- 33 30 up plus half of 8 across
- 34 Three thousand five hundred twenty-two more than 33 up
- 37 Half of 7 across, then subtract 29 down
- 38 11 down plus 23 down

Down

- 2 One thousand five hundred one less than 13 across
- 4 Three times a prime number
- 6 3 across plus 22 across
- 7 Mean of 18 across and 15 across
- 9 12 up plus half of 2 down
- 10 18 up times 18 across
- 11 Mean of 35 across and 29 down
- 14 Nineteen times a prime number
- 16 32 up plus 22 across
- 17 6 down minus 33 across
- 21 6 up minus 9 up
- 23 A square
- 25 A prime number
- 26 13 across divided by 5 up
- 27 Mean of 18 across and 28 up
- 29 Half of 7 down

Solution:

