

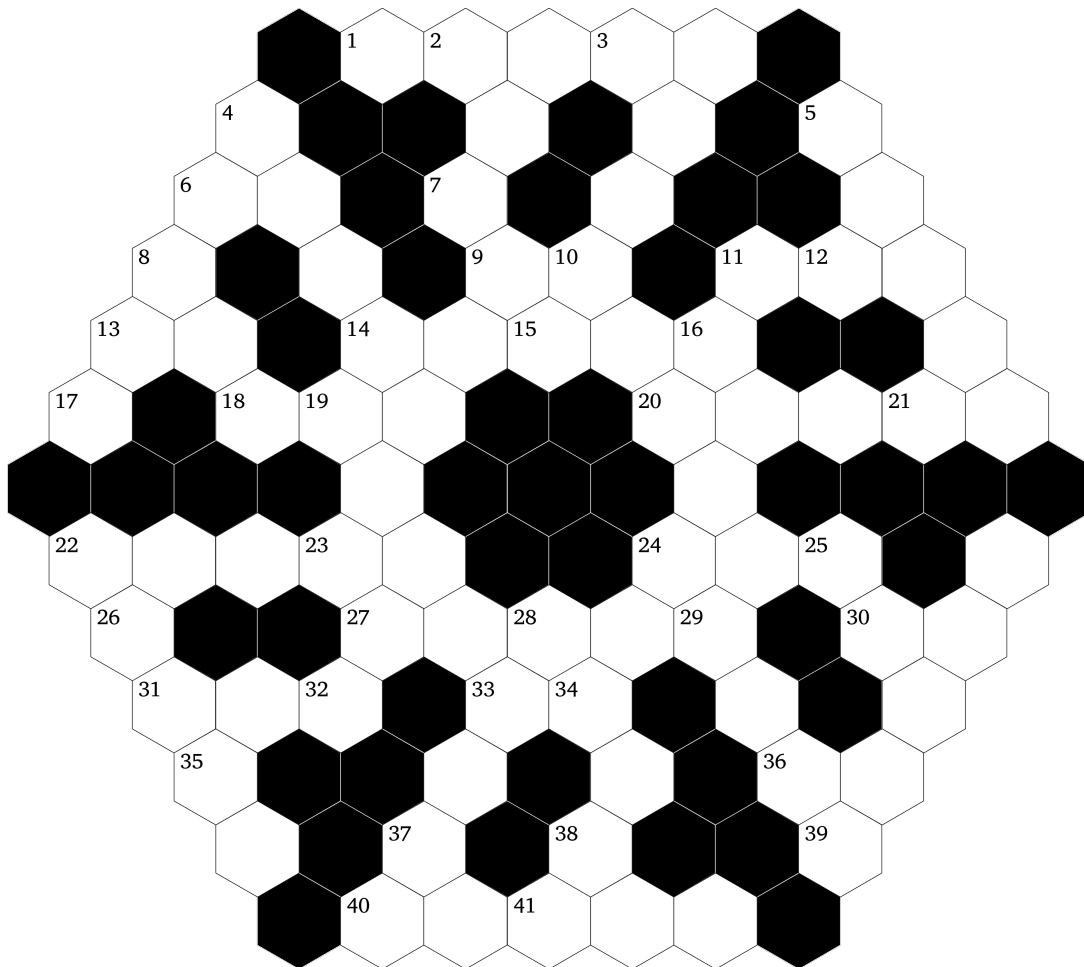
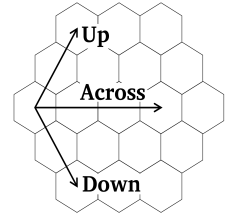
Difficulty: ★★★★★

TripleCross - Hard Puzzle #30

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 Twice the result of 23 up minus 24 down
- 6 Mean of 33 across and 36 across
- 9 21 up minus 29 up
- 11 Mean of 7 down and 30 across
- 13 Twice the result of 21 up minus 30 across
- 14 Consecutive digits unordered
- 18 Five times 2 down
- 20 39 up minus 7 down
- 22 Ninety-two times a prime number
- 24 Twice a prime number
- 27 Eighty-eight times a prime number
- 30 A square
- 31 Mean of 38 down and 41 up
- 33 Sum of digits in 5 down
- 36 19 up plus 12 up
- 40 Sixty-seven times a prime number

Up

- 7 18 across minus 20 up
- 12 Twice 29 up
- 15 Twice the result of 22 across minus 24 across
- 17 Four times a prime number
- 19 Twice the result of 17 up minus 40 across
- 20 Half of 18 across, then subtract 23 down
- 21 37 down plus 12 up
- 23 Three times a prime number
- 26 Mean of 36 across and 6 across
- 29 9 across minus 37 down
- 32 31 across minus 2 down
- 34 Twenty thousand five hundred more than 4 down
- 35 Mean of 29 up and 38 down
- 39 Twenty-eight times a prime number
- 40 11 across times 41 up
- 41 Seven times a prime number

Down

- 2 Mean of 37 down and 20 up
- 3 26 up minus 29 up
- 4 27 across plus half of 14 across
- 5 A prime number
- 7 31 across reversed
- 8 Four times 11 across
- 10 A prime number
- 16 37 down plus 30 across
- 19 Twice the result of 22 down minus 12 up
- 22 First two digits are the same as first two digits of 20 up
- 23 Mean of 36 across and 33 across
- 24 Thirty-one times a prime number
- 25 13 across times 33 across
- 28 Mean of 24 across and 33 across
- 37 19 up minus 29 up
- 38 30 across plus 9 across

Solution:

