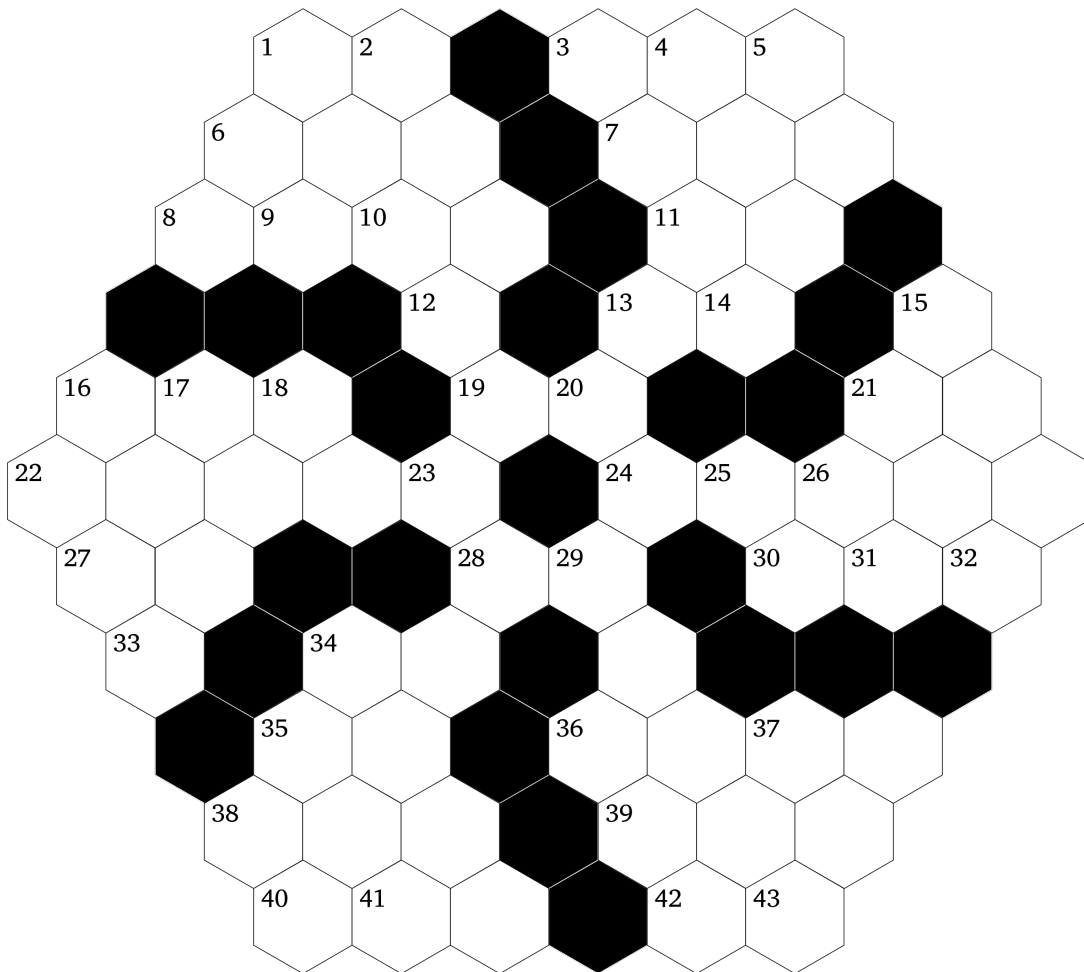
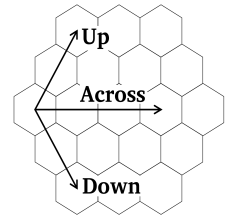


TripleCross - Challenging Puzzle #19

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:

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



Across

- 1** 21 across plus 25 down
3 30 across minus 35 across
6 43 up plus 17 down
7 Seven times 34 across
8 3 down plus 38 down
11 23 up minus 41 up
13 16 down minus 3 across
16 Thirty-one times 12 up
19 Mean of 39 up and 37 down
21 25 down minus half of 41 up
22 Mean of 24 across and 38 up
24 Eight times a prime number
27 39 up reversed
28 17 down plus 13 across
30 Thirty-two times 39 up
34 Mean of 22 up and 19 across
35 36 up minus 29 up
36 Fifty times a prime number
38 Mean of 36 down and 37 down
39 Mean of 43 up and 12 up
40 21 down minus 6 down
42 18 down minus 12 up

Up

- 7** 32 up minus 23 up
8 30 across minus 23 down
9 Mean of 38 across and 41 up
10 22 up plus 37 down
12 7 across minus 39 across
14 21 down minus 34 across
20 Seven times a square
22 18 down minus 38 down
23 A square
27 Twice the result of 6 across minus 23 down
29 23 up minus 20 down
30 Last two digits are the same as 20 down
31 Mean of 38 down and 4 down
32 39 up plus 37 down
33 34 down plus 9 up
36 A prime number
38 A square
39 34 across minus 41 up
40 A prime number
41 1 across minus 35 across
42 5 down plus 21 down
43 Mean of 6 down and 30 across

Down

- 1** Four times a prime number
2 Mean of 23 up and 38 across
3 8 across minus 19 across
4 22 down plus 32 up
5 Three times 39 up
6 Same as 11 across
15 Twice the result of 8 up minus 43 up
16 2 down reversed
17 28 across minus 7 up
18 22 up plus 19 across
20 Mean of 41 up and 18 down
21 20 up divided by 28 across
22 Twice a prime number
23 11 across plus 29 up
25 A square
26 39 up reversed
29 Ninety-four times a prime number
34 Sixty-six times a prime number
35 21 across plus 3 across
36 Rearranged digits of 39 across
37 5 down minus 12 up
38 Mean of 39 up and 37 down

Solution:

