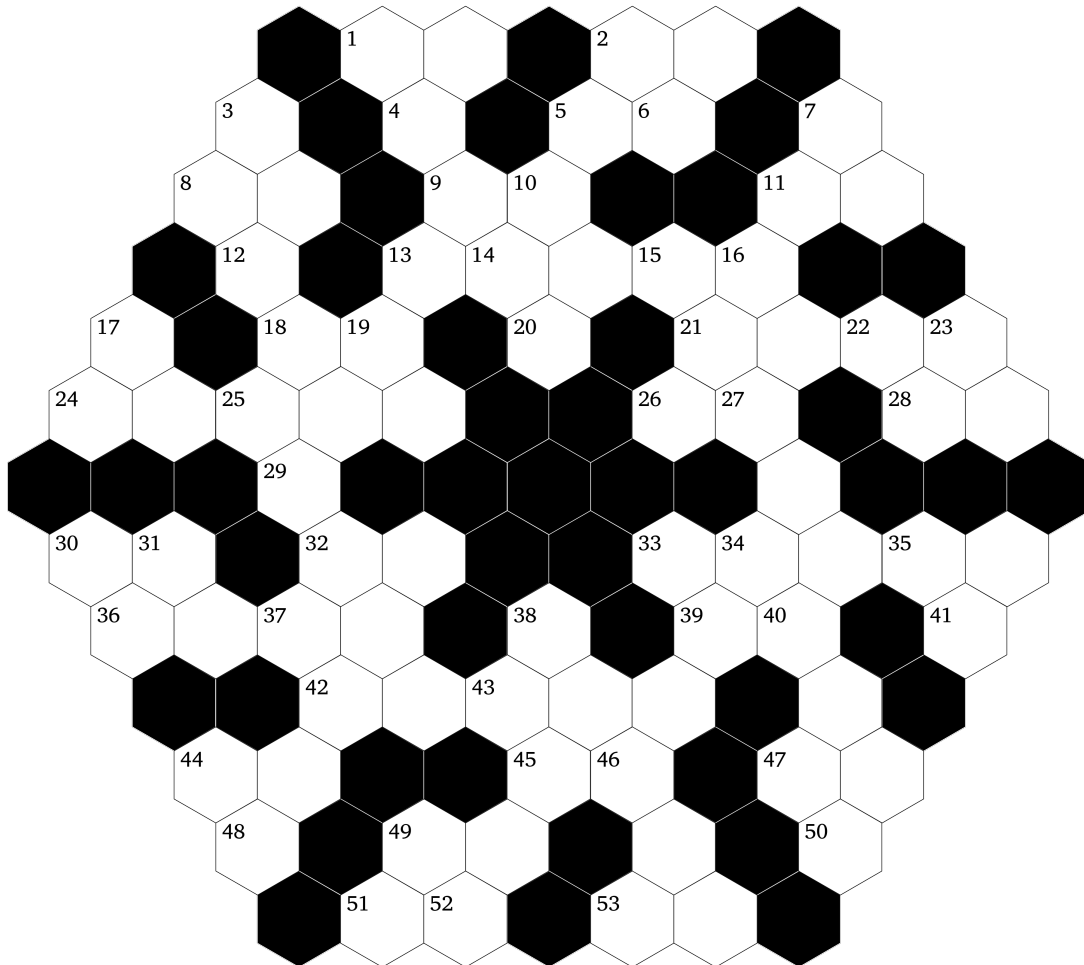
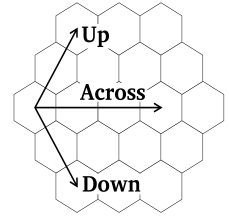


TripleCross - Hard Puzzle #34

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** 5 across plus 17 down
2 Mean of 47 across and 12 up
5 28 up minus 17 down
8 Mean of 26 across and 41 up
9 Mean of 44 down and 28 up
11 20 up minus 30 down
13 15 down plus 7 down
18 Mean of 32 across and 51 across
21 30 across times 44 down
24 Last two digits are the same as 19 down
26 5 across plus 7 down
28 43 up plus 35 down
30 34 down divided by 47 down
32 Mean of 9 across and 41 up
33 1 down minus 43 down
36 Fourteen times a prime number
39 Half of 4 up
42 Twice the result of 24 across plus 8 across
44 26 across plus 11 across
45 Same as 43 up
47 33 down plus 49 across
49 A square
51 Mean of 18 across and 51 up
53 Mean of 11 across and 41 up

Up

- 4** Mean of 1 across and 5 across
6 53 across minus 49 down
8 36 up plus 37 up
12 44 across minus 17 down
14 One hundred seventy-four less than 21 across
20 Mean of 43 down and 44 across
24 44 down minus 2 across
25 44 down minus 49 across
26 Fifty-eight times a prime number
27 7 down plus 30 across
28 Mean of 43 down and 2 down
29 Eight thousand four hundred three more than 13 across
36 Mean of 39 across and 19 down
37 Mean of 36 up and 47 across
40 16 down minus 36 up
41 25 up plus 19 down
43 37 down minus 35 down
46 Last two digits are the same as 4 up
47 Same as 2 down
48 Twelve thousand five hundred ninety-eight less than 25 down
50 51 up minus 22 down
51 36 up plus 53 across
52 Twenty-four times a prime number
53 27 up minus 16 down

Down

- 1** 33 across plus 6 up
2 Same as 2 across
3 31 down minus 43 up
7 21 across divided by 44 across
8 A prime number
10 53 up minus half of 43 down
15 Thirty-one times a prime number
16 41 up minus 30 across
17 41 up minus 9 across
19 Mean of 37 up and 24 up
22 32 across minus 50 up
23 37 up minus 49 across
25 Mean of 29 up and 38 down
30 17 down plus 43 down
31 26 across plus half of 17 down
33 Mean of 51 up and 39 across
34 8 up times 30 across
35 1 across minus 43 up
37 44 down minus 30 down
38 Fifteen times a prime number
43 37 up minus 49 across
44 Twice the result of 13 across minus 15 down
47 50 up plus half of 49 across
49 50 up minus 19 down

Solution:

