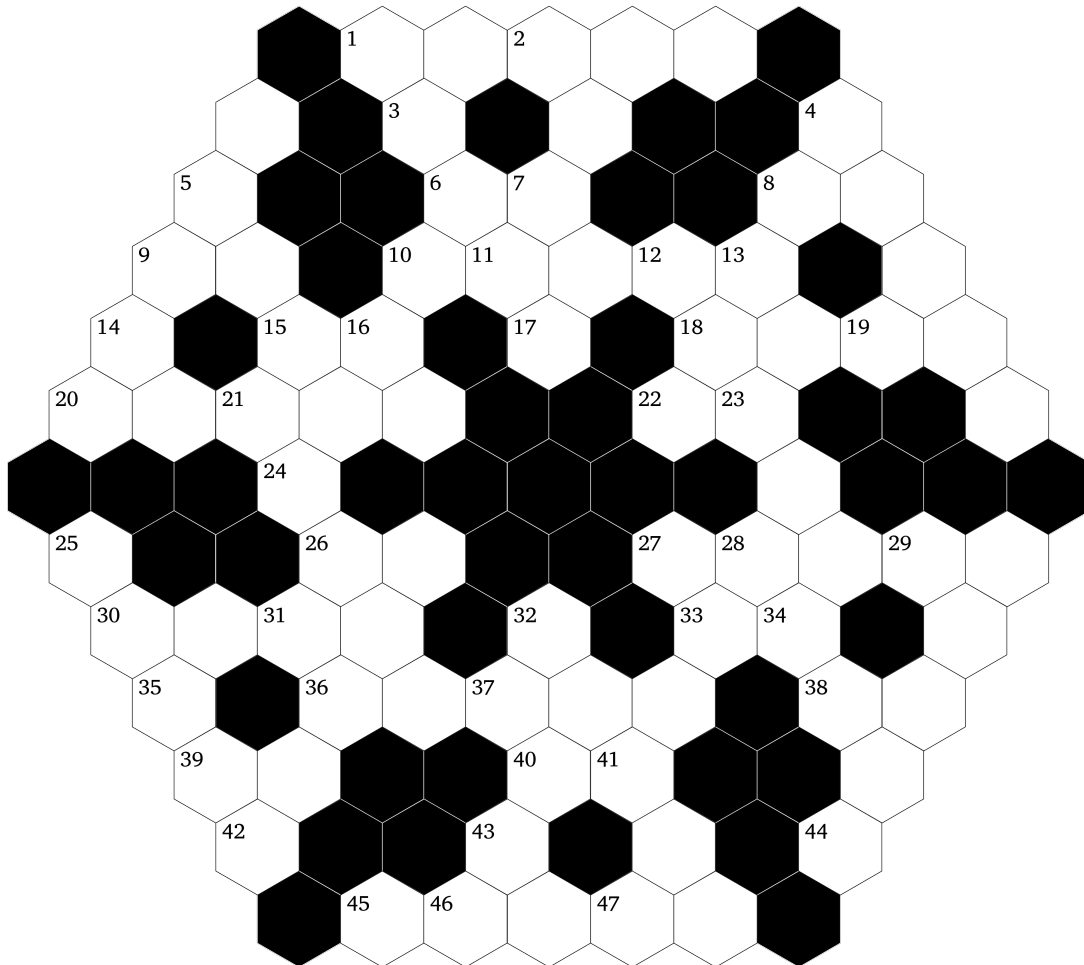
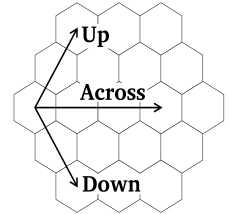


TripleCross - Hard Puzzle #18

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 Three hundred seventy-four less than 24 up
6 7 down reversed
8 21 down minus half of 1 down
9 Mean of 14 down and 7 down
10 Seven times a prime number
15 35 up plus 19 up
18 30 across minus 3 up
20 Four thousand one hundred fifty less than 27 across
22 15 across minus 29 down
26 40 across plus 33 across
27 Mean of 42 up and 46 up
30 A prime number
33 19 up minus 8 across
36 28 down times 47 up
38 3 up minus 17 up
39 2 down minus 33 across
40 A square
45 Twenty-three times a prime number

Up

- 3 Mean of 6 across and 23 up
11 44 up minus 1 across
17 A square
19 Mean of 39 across and 14 down
20 Thirty-two times a prime number
21 19 up minus 39 across
22 Seventeen thousand six hundred ninety-one less than 41 up
23 21 up reversed
24 A prime number
31 Mean of 21 up and 7 down
34 9 across minus 22 across
35 Half of 38 across
37 Half of 20 up, then subtract 32 down
41 Eighteen thousand one hundred eighty-four more than 25 down
42 Nine thousand seven hundred fifty-six more than 1 down
44 A prime number
46 Last two digits are the same as last two digits of 36 across
47 19 up minus 29 down

Down

- 1 Twice a prime number
2 23 up minus 29 down
4 45 across plus half of 5 down
5 Four times a prime number
7 Mean of 2 down and 6 across
12 Mean of 10 across and 33 across
13 43 down plus 47 up
14 47 up plus 33 across
16 Half of 2 down, then subtract 35 up
21 Six thousand four hundred twenty-three less than 27 across
25 Eleven thousand six hundred fourteen less than 4 down
27 2 down minus 38 across
28 36 across divided by 31 down
29 39 across minus 8 across
31 14 down minus 33 across
32 Three times a prime number
37 Mean of 39 across and 21 up
43 39 across minus half of 38 across

Solution:

