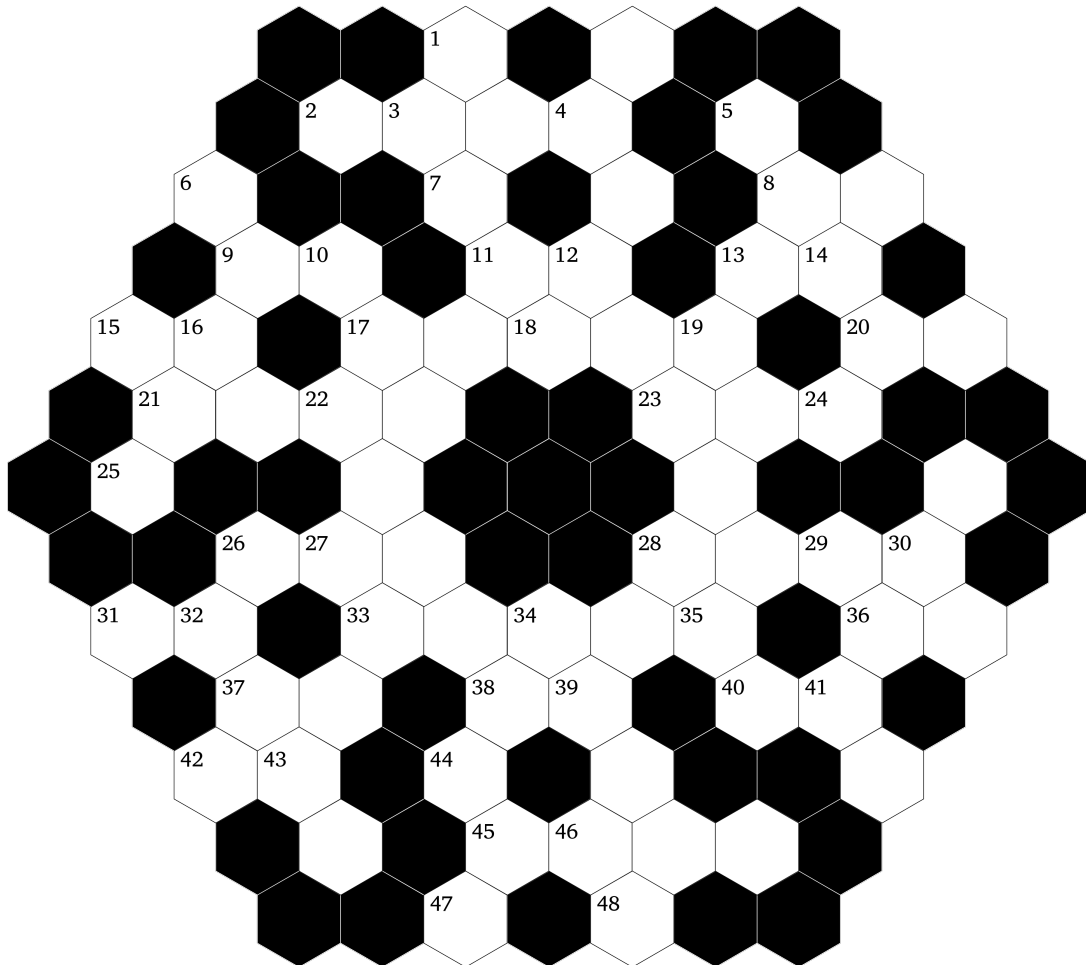
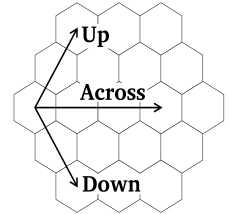


TripleCross - Hard Puzzle #22

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

- 2** Seven times a prime number
8 36 across minus 31 across
9 A square
11 16 down minus 1 down
13 Twice the result of 36 across minus 37 across
15 Mean of 47 up and 48 up
17 Thirty-two times a prime number
20 Mean of 11 across and 14 up
21 Ninety-two less than 5 down
23 20 across plus 26 across
26 23 across minus half of 46 up
28 Mean of 25 up and 21 across
31 9 across minus 3 up
33 A square
36 Mean of 32 up and 18 up
37 15 down plus 20 across
38 Twice the result of 3 down minus 2 across
40 42 across minus 3 up
42 28 down divided by 31 across
45 43 up plus 44 down

Up

- 3** Mean of 19 down and 31 across
4 15 across plus 47 up
7 Same as 48 up
14 Mean of 8 across and 3 up
18 23 across minus 22 up
22 36 across minus 42 up
23 17 across minus half of 22 down
24 20 across plus 6 down
25 One thousand seventy-five more than 43 up
27 Three times a prime number
32 47 up minus 3 up
35 46 down minus 32 up
39 A prime number
41 A prime number
42 8 across minus 19 down
43 45 across minus 4 down
44 Twice a prime number
46 3 up plus 6 down
47 14 up plus 40 across
48 22 up minus 32 up

Down

- 1** 42 across plus 13 across
3 31 across times 44 down
4 32 up plus 8 across
5 18 up times 22 up
6 Half of 32 down, then subtract 41 up
10 Same as 44 up
12 A prime number
15 Same as 42 up
16 18 up minus 22 up
19 46 up minus 35 up
22 Eleven thousand one hundred three more than 39 up
27 41 down plus 42 up
28 42 up times 31 across
29 6 down plus 13 across
30 Mean of 7 up and 47 up
32 First two digits are the same as 42 across
34 A square
41 20 across minus 3 up
44 8 across plus 32 up
46 48 up plus 1 down

Solution:

