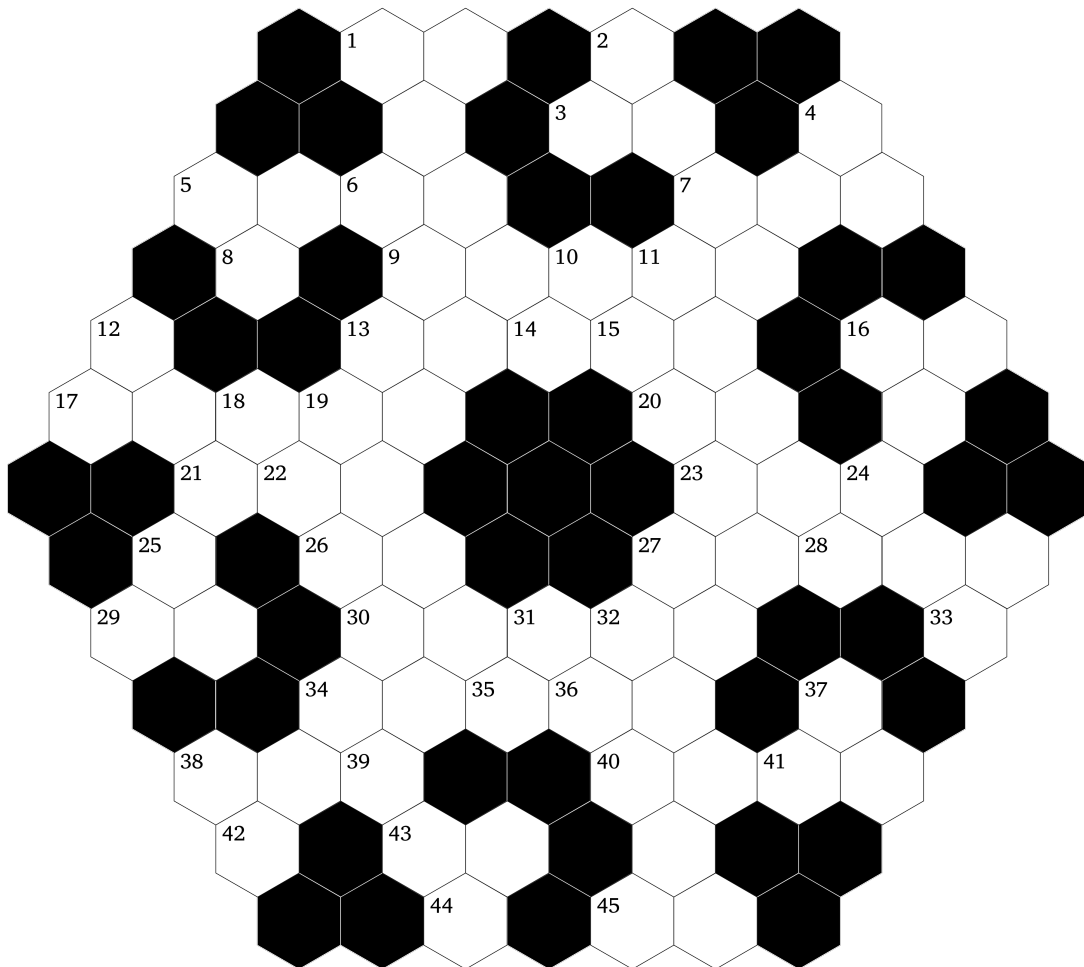
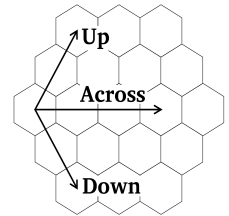


TripleCross - Hard Puzzle #17

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** 3 across minus 14 up
3 16 across plus 29 across
5 Twice a prime number
7 24 down minus 45 across
9 Twice the result of 36 up plus 37 down
13 Ninety-six times a prime number
16 Mean of 45 across and 8 up
17 2 down plus 6 up
20 7 across minus 16 across
21 Mean of 12 down and 13 down
23 16 across plus 38 down
26 Mean of 35 up and 3 across
27 Seventy-three times a prime number
29 13 down plus 17 up
30 Two thousand nine hundred eighty-three less than 18 down
34 A cube
38 15 up minus 16 down
40 44 up plus 15 up
43 17 up plus 25 down
45 Mean of 35 up and 3 up

Up

- 3** 7 across minus 33 up
6 1 across times 26 across
8 Two-thirds of 5 down
14 Mean of 20 across and 4 down
15 27 down plus 12 down
17 35 up minus 16 down
20 Forty-five times a prime number
22 Twice a prime number
26 11 down minus half of 44 up
28 Mean of 17 across and 23 across
29 Twenty-four times a prime number
33 Mean of 14 up and 5 down
35 Same as 27 down
36 Ten times a prime number
39 Three times a prime number
40 34 down times 8 up
41 3 across minus 16 down
42 Last two digits are the same as 16 across
44 6 down minus 38 across
45 Ten times 14 up

Down

- 1** 39 up times 29 across
2 Twice a prime number
4 44 up minus 1 across
5 Sum of digits in 18 down
6 40 across minus 16 down
10 Five thousand seven hundred less than 36 up
11 Forty-five times a prime number
12 15 up minus 35 up
13 38 down minus 26 across
16 Mean of 13 down and 26 across
18 One thousand one hundred thirty more than 36 up
19 Last two digits are the same as last two digits of 7 across
24 39 up minus 3 up
25 33 up minus half of 4 down
27 20 across minus half of 16 across
31 Thirty-eight times a prime number
32 Twenty-nine times 13 down
34 Eight times a prime number
37 27 down plus 1 across
38 Twice the result of 40 across minus 6 down

Solution:

