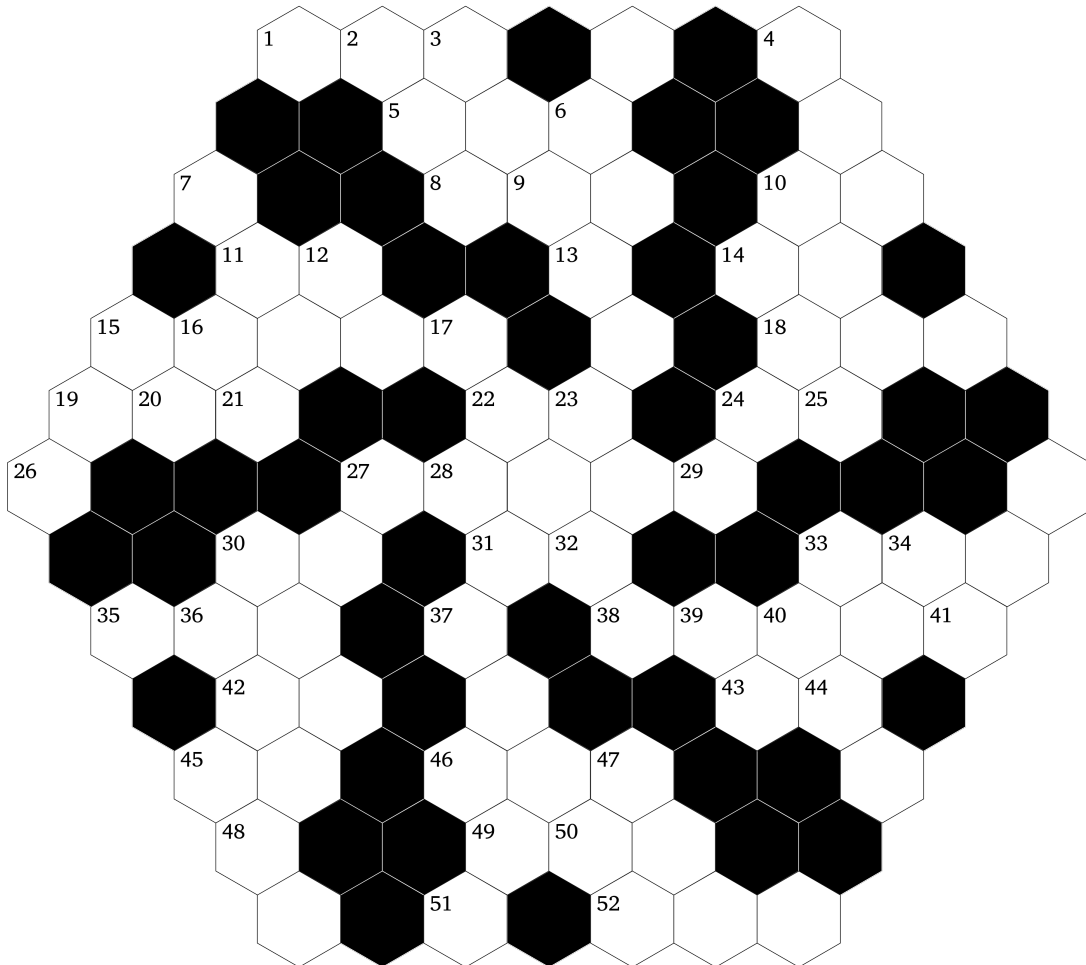
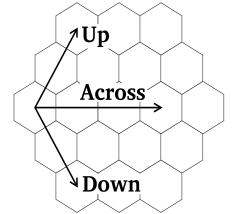


TripleCross - Challenging Puzzle #9

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** 17 down divided by 36 up
5 21 up minus 7 down
8 Six times 50 up
10 Mean of 6 down and 33 down
11 22 across plus 32 up
14 23 down plus 11 across
15 Three times a prime number
18 23 down times 32 up
19 45 down minus 35 across
22 16 down divided by eight
24 15 down plus 23 down
27 Thirteen times a prime number
30 11 across minus 32 up
31 Mean of 28 down and 1 across
33 A square
35 49 across plus 33 down
38 Thirty-eight times a prime number
42 A square
43 31 across minus 22 across
45 A square
46 Twice a prime number
49 A square
52 49 across minus half of 50 up

Up

- 5** 10 across minus 28 down
8 47 down divided by 42 across
9 15 down plus 43 up
13 Mean of 33 down and 34 down
14 4 down minus 43 across
20 39 down plus 14 down
21 37 up divided by 46 down
25 51 up minus half of 33 down
26 47 down minus 10 across
28 Same as 22 across
29 26 up times 45 across
32 40 down divided by 23 down
36 33 down plus 28 down
37 36 up times 21 up
41 Mean of 1 across and 45 down
43 33 across minus 25 up
44 33 down plus 8 across
45 15 across minus 13 up
46 Twice the result of 41 up minus 7 down
48 Mean of 33 across and 45 down
50 Mean of 15 down and 28 up
51 50 up plus 36 up
52 44 up divided by 34 down

Down

- 2** 18 across minus 8 across
3 Twelve thousand nine hundred thirty more than 37 up
4 9 up minus 12 down
6 8 up plus 16 down
7 Five times 45 across
10 47 down plus 43 across
12 36 up minus 15 down
14 Mean of 46 across and 6 down
15 47 down divided by eighteen
16 49 across minus 32 up
17 46 down times 1 across
23 19 across minus 7 down
28 Sum of digits in 9 up
30 11 across plus 52 across
33 Mean of 43 across and 10 across
34 Half of 11 across
36 Rearranged digits of 46 across
37 Twenty thousand five hundred twenty-one less than 38 across
39 A square
40 14 down minus 51 up
45 Three times 30 down
46 12 down plus 15 down
47 33 across plus 42 across

Solution:

