

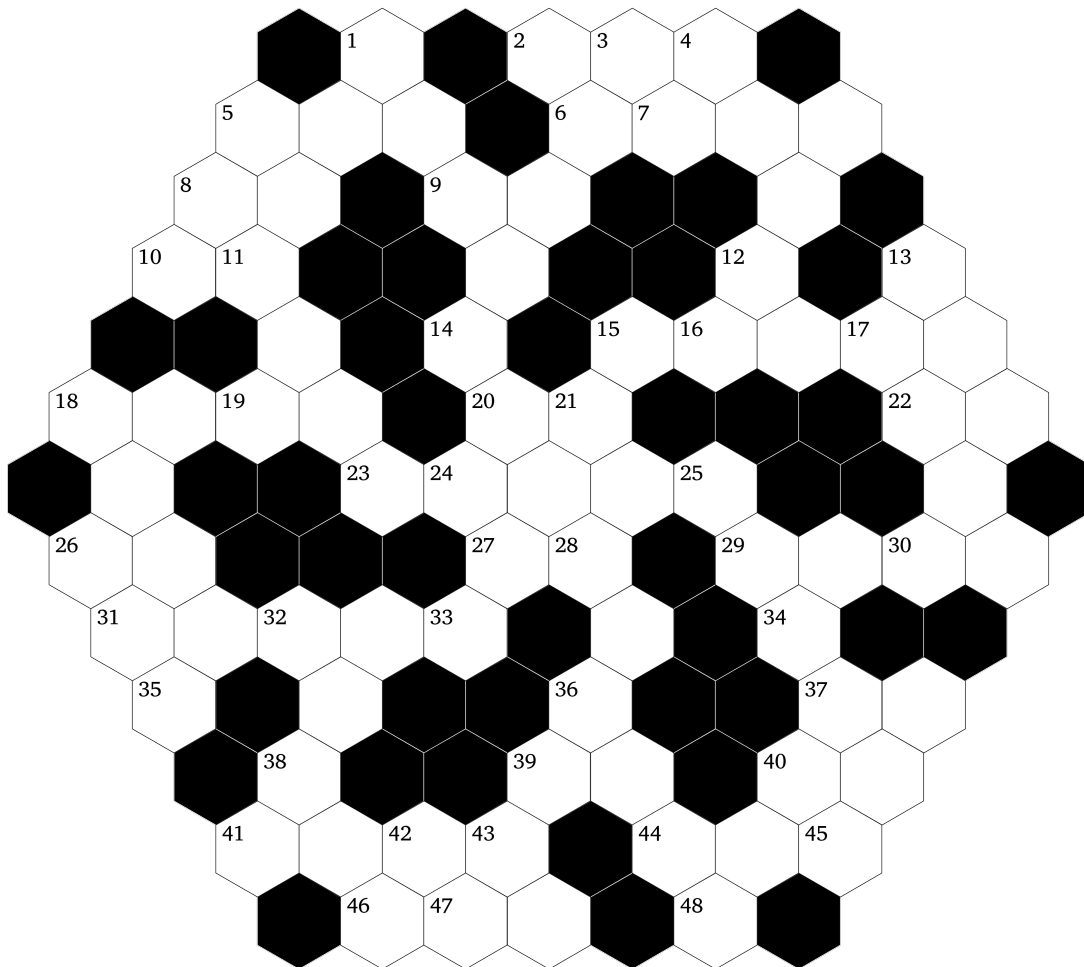
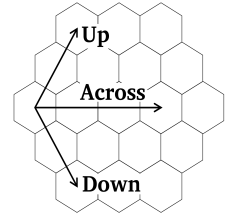
Difficulty: ★★★★★

TripleCross - Hard Puzzle #26

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 41 across minus 22 across
5 Five times 31 up
6 Sixty times 3 down
8 Mean of 24 down and 24 up
9 26 up minus 27 across
10 A square
15 25 down plus 45 up
18 Eleven times a prime number
20 8 across plus half of 39 across
22 Mean of 20 across and 19 up
23 5 down plus 14 up
26 28 up minus 7 up
27 Mean of 9 across and 2 down
29 Five times a prime number
31 Five hundred forty-seven less than 8 down
37 26 up minus 24 down
39 6 across divided by sixty
40 46 across minus 3 down
41 Three times a prime number
44 13 down plus 26 down
46 Mean of 10 up and 40 across

Up

7 3 down minus 46 up
10 22 up plus 5 across
11 30 up times 8 across
14 23 across minus half of 40 down
16 Forty times a prime number
17 27 across minus 40 down
19 26 up minus 22 across
22 2 down minus 40 down
24 42 down minus 46 up
26 34 up plus 24 up
28 22 up plus 24 down
30 5 across minus 26 across
31 16 up minus half of 11 up
33 Eleven thousand two hundred twenty-two more than 31 across
34 Mean of 42 down and 2 down
35 26 down minus 42 down
41 Mean of 32 down and 17 down
45 Six times 37 across
46 39 across minus 7 up
47 Fifteen times a prime number
48 36 down minus half of 44 across

Down

1 Nine times a prime number
2 46 across minus 24 up
3 Twice the result of 2 down minus 19 up
4 31 across divided by 12 down
5 35 up divided by five
8 Three times a prime number
12 Mean of 20 across and 3 down
13 Rearranged digits of 30 up
14 29 across times 32 down
17 Mean of 18 across and 22 up
18 Five times a prime number
21 46 across minus 22 across
24 A square
25 First two digits are the same as 22 up
26 42 down plus half of 5 across
32 24 up minus 10 across
36 Sixty-four times 37 across
38 41 across minus half of 13 down
40 Two-fifths of 35 up
42 17 up reversed
43 10 up minus 26 down

Solution:

