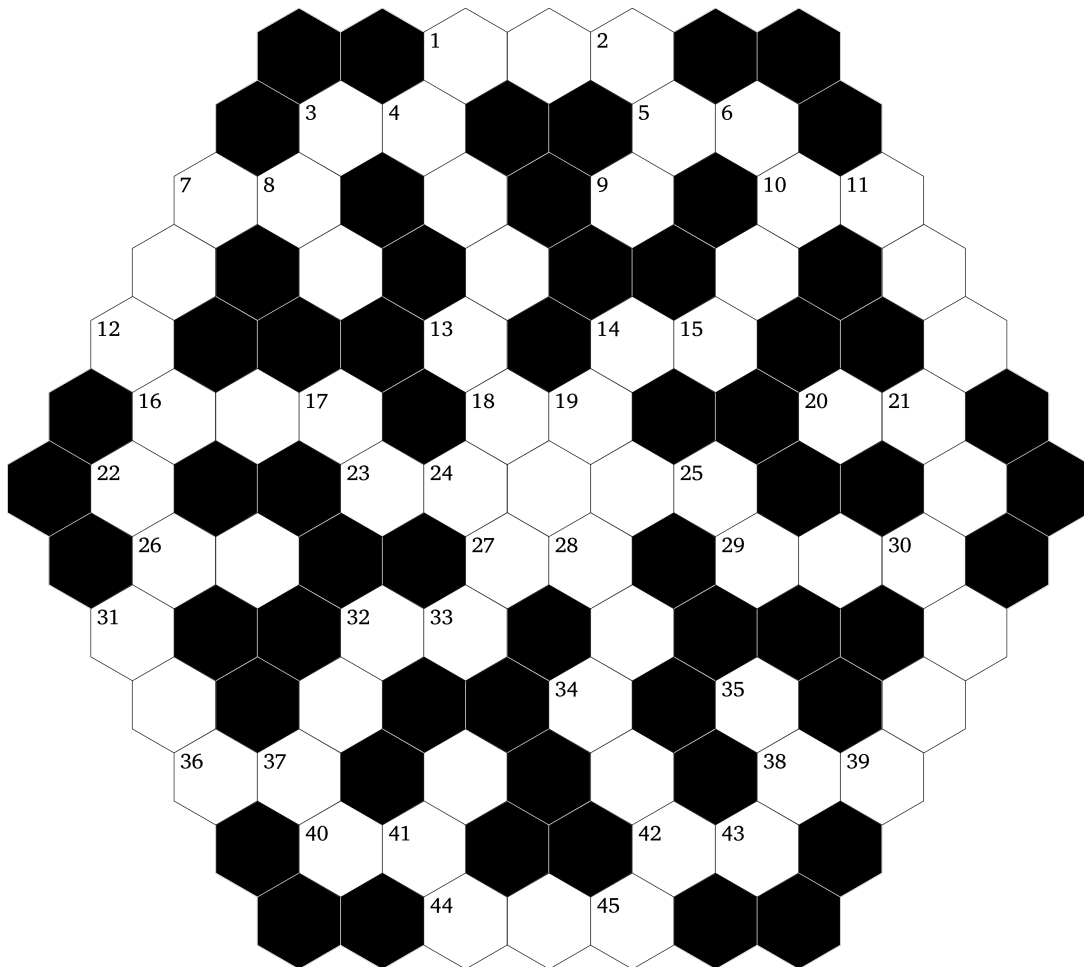
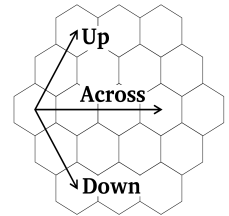


TripleCross - Challenging Puzzle #1

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 37 up plus half of 30 up
- 3 32 across minus 26 across
- 5 9 up minus 26 across
- 7 Mean of 8 down and 34 up
- 10 4 down minus 36 across
- 14 Four times 42 across
- 16 Three times a prime number
- 18 24 down minus 8 up
- 20 13 down divided by 11 down
- 23 Fifty-three times a prime number
- 26 14 across minus 8 up
- 27 20 across minus 22 up
- 29 A prime number
- 32 8 up plus 36 across
- 36 Half of 31 down, then subtract 29 across
- 38 19 down minus 37 down
- 40 34 down minus 37 up
- 42 9 up minus 30 down
- 44 16 across plus 25 down

Up

- 4 32 across minus 14 across
- 8 21 up plus 21 down
- 9 40 across plus 27 across
- 12 43 up plus half of 27 across
- 13 30 up minus 25 down
- 15 21 down times 41 up
- 21 30 up minus 40 across
- 22 36 across minus 41 up
- 24 14 across plus 22 up
- 28 4 down minus 19 down
- 30 43 up minus 17 down
- 31 12 up minus 20 across
- 33 Three times a prime number
- 34 A cube
- 37 Nine times 3 across
- 39 9 up plus 38 across
- 41 A cube
- 43 18 across plus 36 across
- 45 31 up minus half of 8 down

Down

- 2 27 across plus 21 up
- 4 Three times 8 down
- 6 13 up plus half of 40 across
- 8 9 up minus 40 across
- 11 34 up plus 15 up
- 12 15 up divided by thirty-six
- 13 A palindrome
- 17 28 up minus 41 up
- 19 20 across plus 21 down
- 21 37 down minus 38 across
- 22 37 down minus 13 up
- 24 40 across plus 13 up
- 25 20 across minus 26 across
- 30 31 up plus 21 down
- 31 1 across minus 13 up
- 34 A prime number
- 35 Mean of 17 down and 10 across
- 37 41 up plus 41 down
- 41 24 up minus 5 across

Solution:

