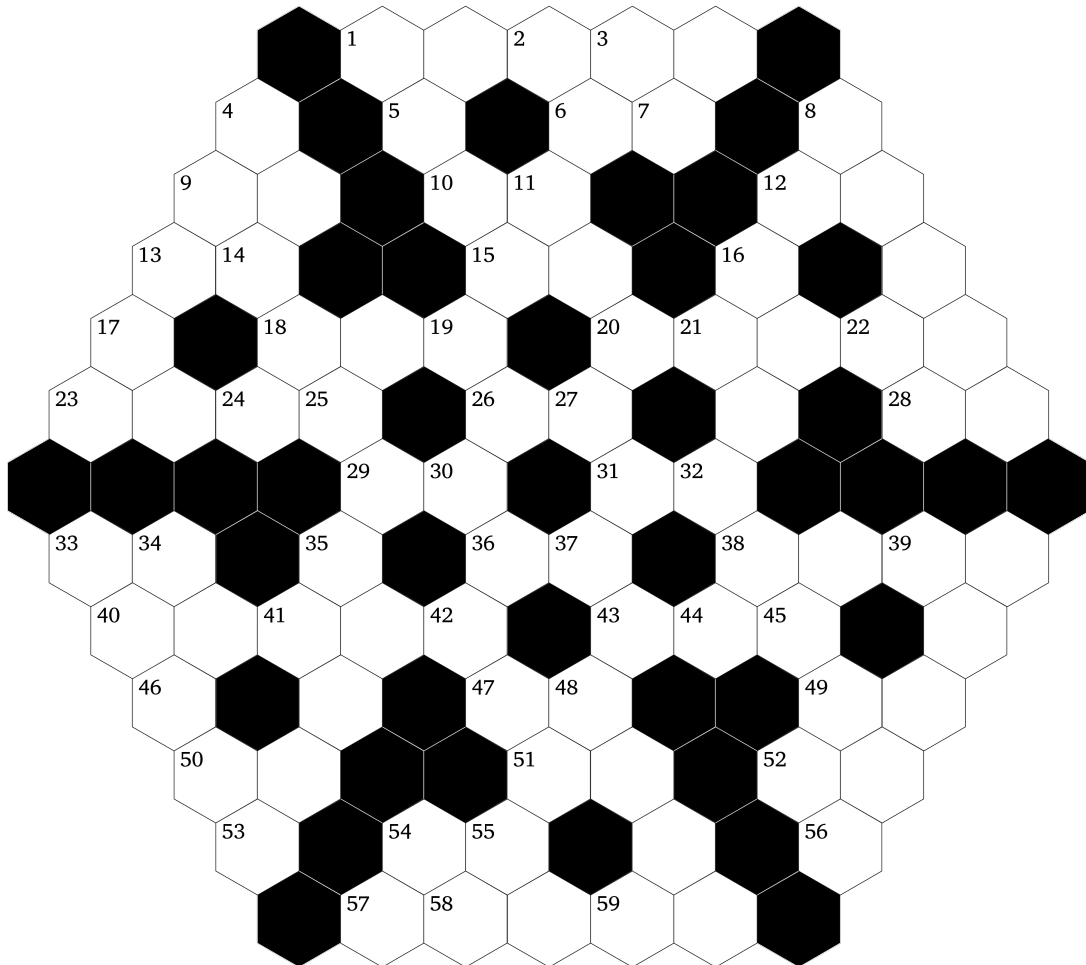
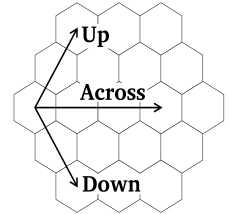


TripleCross - Hard Puzzle #38

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 Thirty-eight times a prime number
- 6 Mean of 2 down and 28 up
- 9 22 up minus 19 down
- 10 11 down minus half of 25 up
- 12 5 up plus 9 across
- 13 28 up minus 37 up
- 15 10 across minus 28 up
- 18 53 up minus 23 across
- 20 Eighteen times a prime number
- 23 A prime number
- 26 52 across plus 19 down
- 28 Mean of 2 down and 13 across
- 29 3 down minus 44 up
- 31 25 up minus 54 across
- 33 29 across plus 49 across
- 36 41 up minus 59 up
- 38 Twice the result of 53 up plus 16 down
- 40 Twenty-one thousand three hundred seventy-five more than 20 across
- 43 48 down divided by 44 up
- 47 Same as 51 across
- 49 Mean of 31 across and 52 across
- 50 Mean of 37 up and 17 down
- 51 Mean of 47 across and 26 across
- 52 42 up minus 54 across
- 54 5 up minus 59 up
- 57 Mean of 1 across and 23 up

Up

- 5 Mean of 3 down and 19 down
- 7 41 up minus 30 up
- 14 13 across minus 52 across
- 19 Fifty-seven times a prime number
- 21 Eighty-three times a prime number
- 22 2 down minus 41 down
- 23 Thirty-two times a prime number
- 24 21 up minus 1 down
- 25 Mean of 10 across and 24 up
- 27 Same as 27 down
- 28 Mean of 27 down and 39 down
- 30 Same as 16 down
- 32 Three times 22 up
- 37 A square
- 40 49 across plus 29 across
- 41 A cube
- 42 41 up minus 30 up
- 44 35 down minus 46 up
- 45 Mean of 24 up and 35 down
- 46 15 across minus 52 up
- 52 59 up minus 54 down
- 53 Forty-three times 28 across
- 56 Twenty-eight times a prime number
- 57 41 up minus 36 across
- 58 Eight thousand six hundred twenty-two more than 40 across
- 59 11 down minus 40 up

Down

- 1 Fifty-six times a prime number
- 2 11 down minus 42 up
- 3 Mean of 22 down and 5 up
- 4 13 across minus 52 across
- 8 9 down minus 52 across
- 9 8 down plus 46 up
- 11 33 across plus 59 up
- 16 Mean of 27 up and 2 down
- 17 Mean of 3 down and 6 across
- 19 24 up minus 4 down
- 21 A prime number
- 22 Mean of 28 across and 30 up
- 27 2 down minus 14 up
- 30 44 up plus 3 down
- 32 First two digits are the same as 35 down
- 33 Rearranged digits of 9 down
- 34 55 down minus half of 12 across
- 35 Half of 27 down, then subtract 52 down
- 37 Mean of 13 across and 42 up
- 39 30 down minus 54 across
- 41 54 down minus 46 up
- 42 33 down minus 58 up
- 48 First two digits are the same as 51 across
- 52 21 down minus 5 up
- 54 24 up minus 39 down
- 55 A square

Solution:

