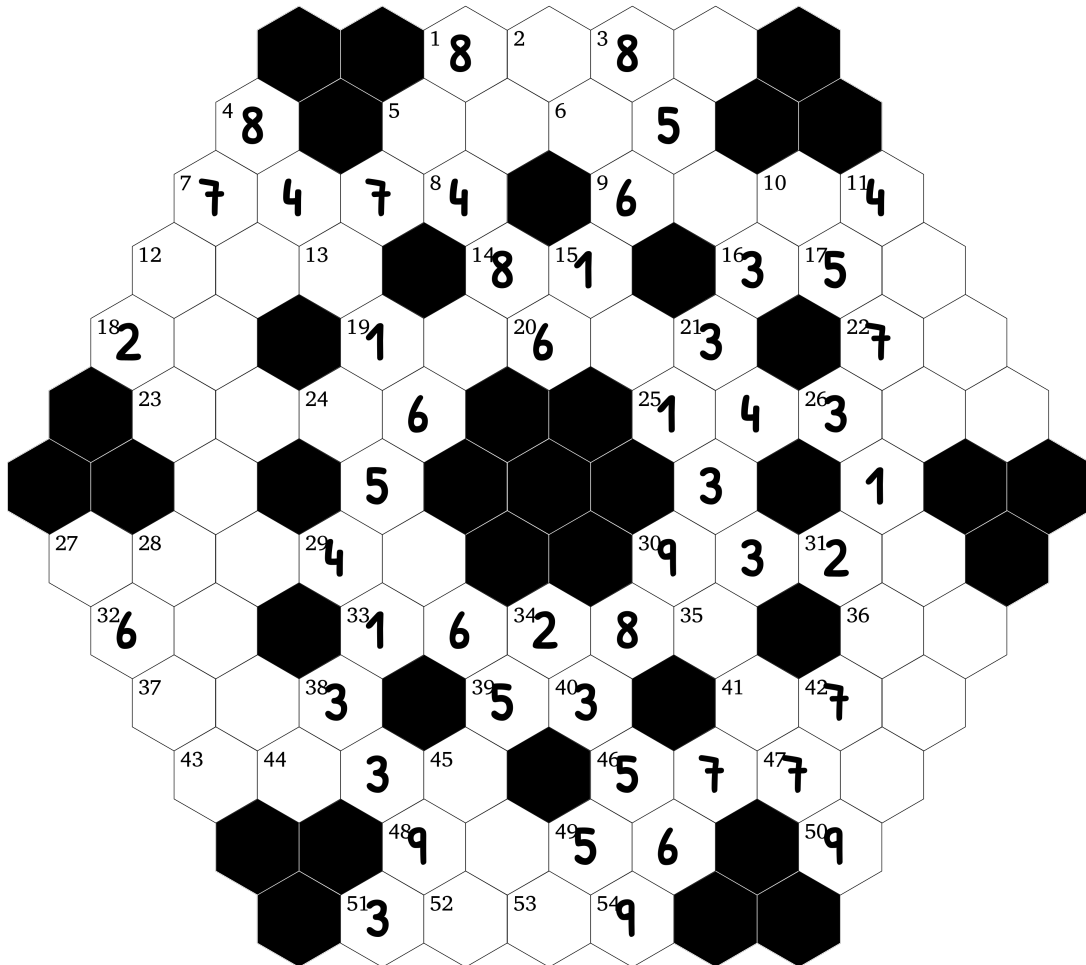
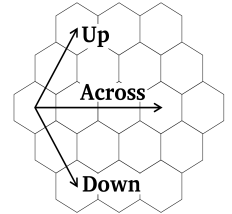


TripleCross - Beginner Puzzle #46

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:

- "Words" may not start with a zero.
- "Words" in the 'across' direction read from left to right.
- "Words" in the 'up' direction read along the upward diagonal to the right.
- "Words" in the 'down' direction read along the downward diagonal to the right.
- There is one unique solution which satisfies all the clues given below.
- Some "words" may not have clues. They will be determined by the "words" which intersect them.



Across

- 1 Rearranged digits of 23 across
 5 18 down minus 29 down
 7 Seventy-four times a prime number
 9 Mean of 11 down and 50 up
 12 35 up plus 36 across
 14 A square
 16 37 up minus 24 up
 18 1 down minus 49 down
 19 50 up plus 38 down
 22 Mean of 52 up and 6 up
 23 Eight hundred sixty-two less than 54 up
 25 Sixty times a prime number
 27 Mean of 20 up and 29 up
 30 Thirty-nine times a prime number
 32 7 down minus 24 up
 33 Ninety-one times a prime number
 36 1 down reversed
 37 All digits are the same
 39 Mean of 21 down and 42 down
 41 Ten times 1 down
 43 A prime number
 46 Seventy-four times 36 across
 48 One thousand six hundred eighty-five more than 47 up
 51 Three times a prime number

Up

- 6 Half of 23 up, then subtract 43 across
 8 Mean of 41 across and 42 down
 13 A cube
 17 31 down divided by five
 18 Rearranged digits of 13 up
 20 Last two digits are the same as last two digits of 48 across
 23 Three hundred more than 10 down
 24 52 up minus 43 up
 25 Last three digits are the same as last three digits of 32 up
 26 Fifteen times a square
 29 Five thousand six hundred seventy-six more than 51 up
 31 Fifty-eight times a prime number
 32 Twice the result of 18 down plus 37 across
 35 21 down plus 49 down
 37 Six times a prime number
 40 One thousand eighteen less than 51 up
 43 24 down divided by 16 across
 44 Forty-six times 42 down
 47 Nineteen times a prime number
 50 One thousand four hundred thirty-seven more than 47 up
 52 28 down minus 51 across
 53 Five times a prime number
 54 Consecutive digits unordered

Down

- 1 36 across reversed
 2 A square
 3 Eight hundred twelve more than 47 up
 4 Sixty-eight times a prime number
 5 Twenty-two times a prime number
 7 45 down minus 41 across
 10 15 down minus half of 26 down
 11 Sixty times 22 across
 12 Mean of 37 across and 43 up
 15 A prime number
 18 Four times a prime number
 21 1 down minus 39 across
 24 One thousand twenty-four less than 33 across
 26 48 across minus 32 up
 27 Consecutive digits unordered
 28 51 across plus 17 up
 29 Mean of 17 up and 18 across
 30 Fifteen thousand seven hundred sixty-three more than 4 down
 31 Five times 52 up
 34 Thirty-one times 22 across
 38 Thirty-five times a prime number
 42 Mean of 32 across and 36 across
 45 A prime number
 49 Mean of 7 down and 29 down

Solution:

