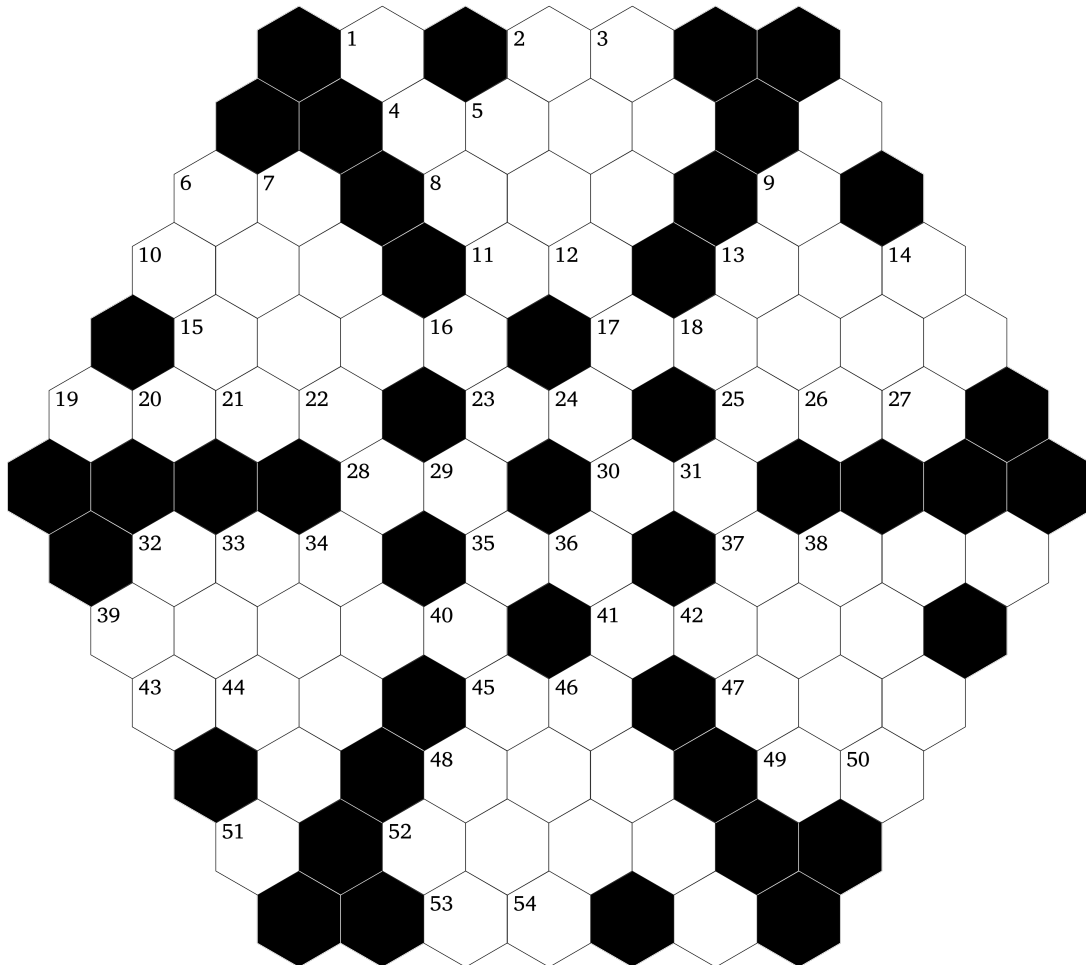
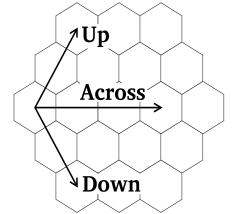


TripleCross - Challenging Puzzle #30

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 49 across minus half of 16 down
 4 41 across plus half of 23 across
 6 1 down divided by 45 across
 8 47 up minus 6 across
 10 Mean of 47 up and 25 across
 11 3 down plus 50 up
 13 1 down divided by nine
 15 A prime number
 17 Eleven times a prime number
 19 51 up minus 18 down
 23 29 up reversed
 25 Mean of 15 across and 11 across
 28 18 up minus 37 across
 30 2 down minus 21 up
 32 38 down minus half of 40 up
 35 Mean of 18 down and 52 down
 37 1 down minus 2 across
 39 A prime number
 41 4 across minus 16 down
 43 A prime number
 45 A square
 47 43 across plus half of 22 up
 48 44 up minus 42 down
 49 10 up minus 18 down
 52 5 down minus 35 across
 53 22 up minus 3 down

Up

- 8 45 across plus 8 across
 10 16 down plus 28 across
 12 42 down minus 28 across
 16 Twenty-three times a prime number
 18 27 up times 53 across
 20 Mean of 46 down and 52 down
 21 36 down plus 42 down
 22 39 up plus 34 down
 24 Mean of 50 up and 40 up
 26 Rearranged digits of 38 down
 27 50 up minus 24 up
 29 10 up minus 29 down
 31 32 down plus 26 up
 36 54 up divided by 36 down
 39 29 down minus 30 across
 40 29 up divided by three
 42 Mean of 50 up and 30 across
 43 47 up minus 28 across
 44 Thirteen times a prime number
 47 Twenty-two times 36 up
 49 Twenty-one times a prime number
 50 Mean of 34 down and 10 up
 51 27 up plus 19 across
 52 Mean of 2 down and 43 across
 53 Six times a prime number
 54 Same as 25 across

Down

- 1 Fifty-four times 29 up
 2 52 across divided by ten
 3 8 across minus 43 up
 5 52 across plus 24 up
 6 A prime number
 7 8 up minus 32 across
 9 Twice a square
 10 Twice the result of 40 down minus 25 across
 13 48 down minus 7 down
 14 51 up minus 19 across
 16 29 down minus 39 up
 18 18 up divided by 53 across
 24 4 across divided by sixty-one
 29 Mean of 36 up and 49 across
 31 Thirteen times a prime number
 32 Consecutive digits unordered
 33 Nineteen times 24 up
 34 40 up plus 29 down
 36 28 across minus 29 up
 38 47 across minus 7 down
 39 A square
 40 A prime number
 42 Fifteen times 36 up
 46 Five hundred eighteen more than 49 up
 48 Twenty-one times 18 down
 52 35 across plus 40 up

Solution:

