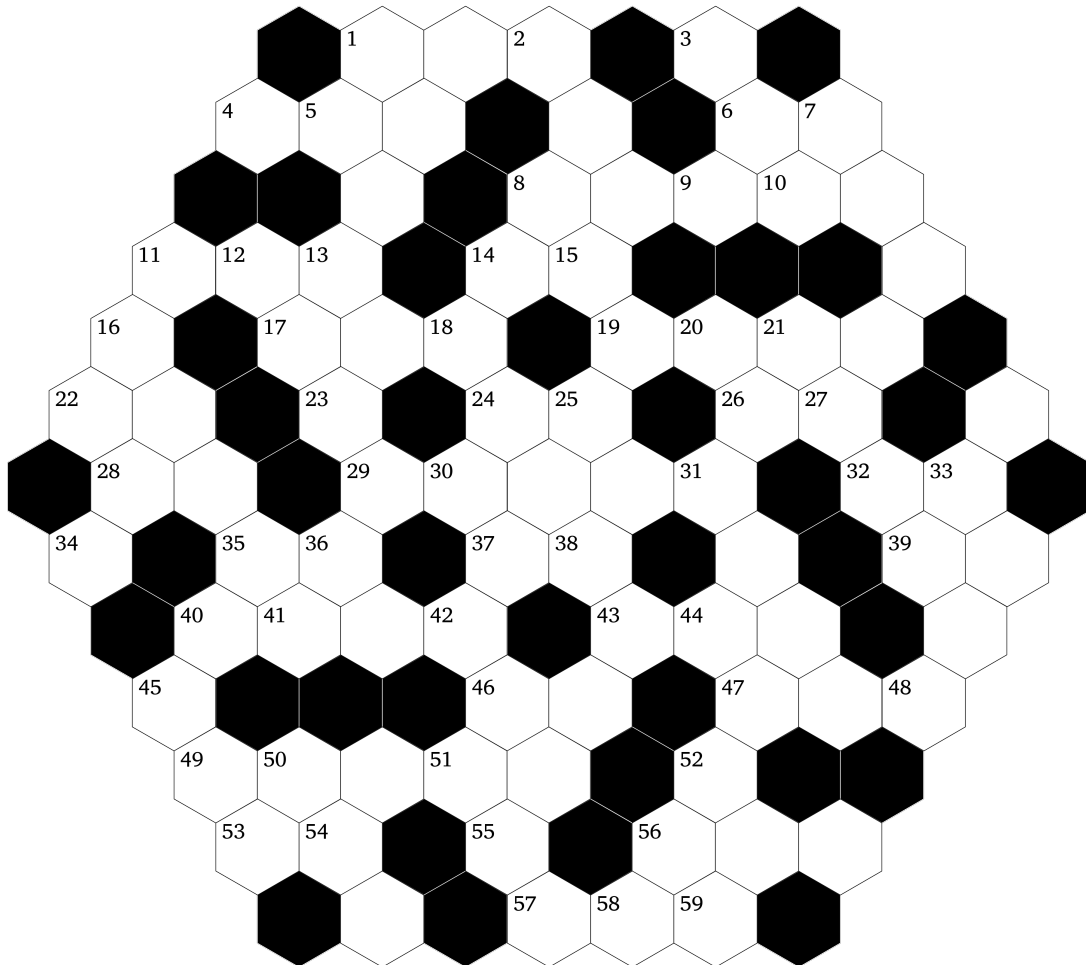
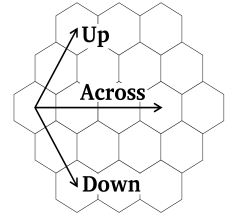


TripleCross - Hard Puzzle #3

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 42 up divided by 13 down
 4 Mean of 7 down and 44 down
 6 53 across minus 28 across
 8 37 across times 55 up
 11 52 down times 28 across
 14 A square
 17 47 across plus 20 down
 19 Twice a prime number
 22 7 down divided by 52 down
 24 53 across plus 32 across
 26 8 down divided by twenty-six
 28 36 down minus 20 down
 29 Seven times a prime number
 32 27 up minus 11 across
 35 9 up minus 51 up
 37 A square
 39 14 across plus 52 down
 40 Its digits total 51 up
 43 56 across minus 35 across
 46 Mean of 6 across and 1 down
 47 22 down plus 41 up
 49 Two thousand four hundred fifty-eight less than 18 down
 53 Mean of 22 down and 31 up
 56 2 down plus 3 down
 57 4 across minus 26 across

Up

- 5 30 up minus 22 down
 9 56 down minus 22 down
 10 Twice the result of 31 up minus 30 up
 15 45 down minus 30 down
 17 Thirty-one times a prime number
 18 A prime number
 22 41 up minus 51 down
 23 Same as 13 down
 27 31 down minus 48 up
 30 51 down minus 20 down
 31 53 up plus 46 across
 34 Mean of 3 down and 32 across
 38 52 down plus 39 across
 39 Twice the result of 34 up minus 39 across
 41 Mean of 11 across and 59 up
 42 1 across times 23 up
 44 22 across plus 39 across
 45 A cube
 48 42 down minus 51 down
 51 38 up divided by four
 53 Mean of 5 down and 5 up
 54 Mean of 59 up and 9 up
 55 8 across divided by 14 across
 58 Two thousand five hundred nine less than 42 up
 59 52 down plus 25 down

Down

- 1 A square
 2 33 down plus 39 up
 3 7 down minus 39 across
 5 44 up plus 32 across
 7 A square
 8 43 across plus 30 up
 12 Three times a prime number
 13 Mean of 54 up and 20 down
 16 12 down plus half of 18 down
 18 Consecutive digits unordered
 20 31 up minus 13 down
 21 Last two digits are the same as 39 across
 22 54 up minus 25 down
 25 Mean of 22 down and 53 across
 30 51 up plus 5 up
 31 Consecutive digits unordered
 33 39 across plus 25 down
 36 5 down plus 32 across
 42 Nine times 25 down
 44 A square
 45 Mean of 57 across and 53 up
 50 A prime number
 51 15 up plus 36 down
 52 33 down minus 15 up
 56 44 up plus 26 across

Solution:

