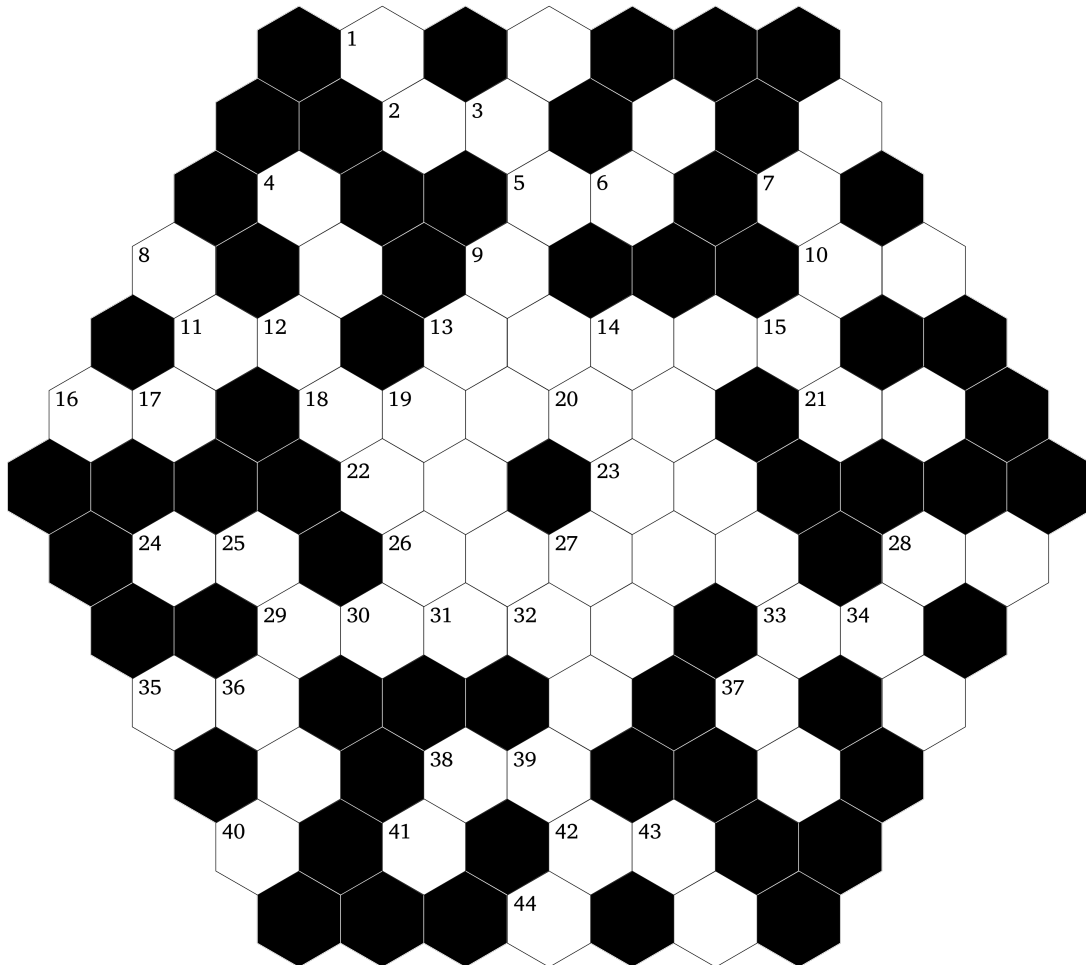
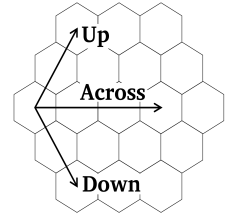


TripleCross - Challenging Puzzle #36

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 Twice the result of 40 up plus 10 across
 5 35 across plus 15 up
 10 Mean of 40 up and 15 up
 11 A square
 13 Last two digits are the same as 27 down
 16 27 down plus 15 down
 18 Eighty-seven times a prime number
 21 Same as 22 across
 22 17 up minus 8 down
 23 16 across minus 37 up
 24 5 across minus 4 down
 26 Five thousand four hundred thirty more than 18 across
 28 1 down plus 34 down
 29 Thirty-four times a prime number
 33 1 down minus 8 down
 35 4 down plus 38 across
 38 Twice the result of 13 down plus 21 across
 42 22 across plus 41 up

Up

- 3 A square
 6 36 down plus 15 down
 7 4 down plus 20 up
 12 Twice the result of 32 up minus 26 across
 15 43 down minus 4 down
 17 3 down minus 33 across
 20 11 across minus 8 down
 22 12 down plus 23 across
 30 A prime number
 31 15 down plus 28 across
 32 Seventy-seven times a square
 34 Half of 7 down, then subtract 37 up
 36 Mean of 36 down and 37 down
 37 3 down minus 8 down
 39 Fourteen thousand five hundred sixty more than 29 across
 40 27 down minus 43 down
 41 Mean of 3 up and 7 up
 44 Half of 9 down, then subtract 29 across

Down

- 1 Mean of 15 up and 28 across
 3 A square
 4 22 across plus 12 up
 7 37 down plus 43 down
 8 17 up minus 21 across
 9 Fifteen thousand five hundred forty-one more than 30 up
 12 22 up minus 27 down
 13 31 up minus 41 up
 14 Twenty-one times a prime number
 15 17 up minus 34 down
 19 One thousand six hundred thirty-six less than 18 across
 25 6 up plus 1 down
 27 16 across minus 37 up
 34 20 up minus half of 35 across
 36 38 across minus 15 up
 37 13 down plus 33 across
 39 31 up minus 22 across
 43 16 across minus 6 up

Solution:

