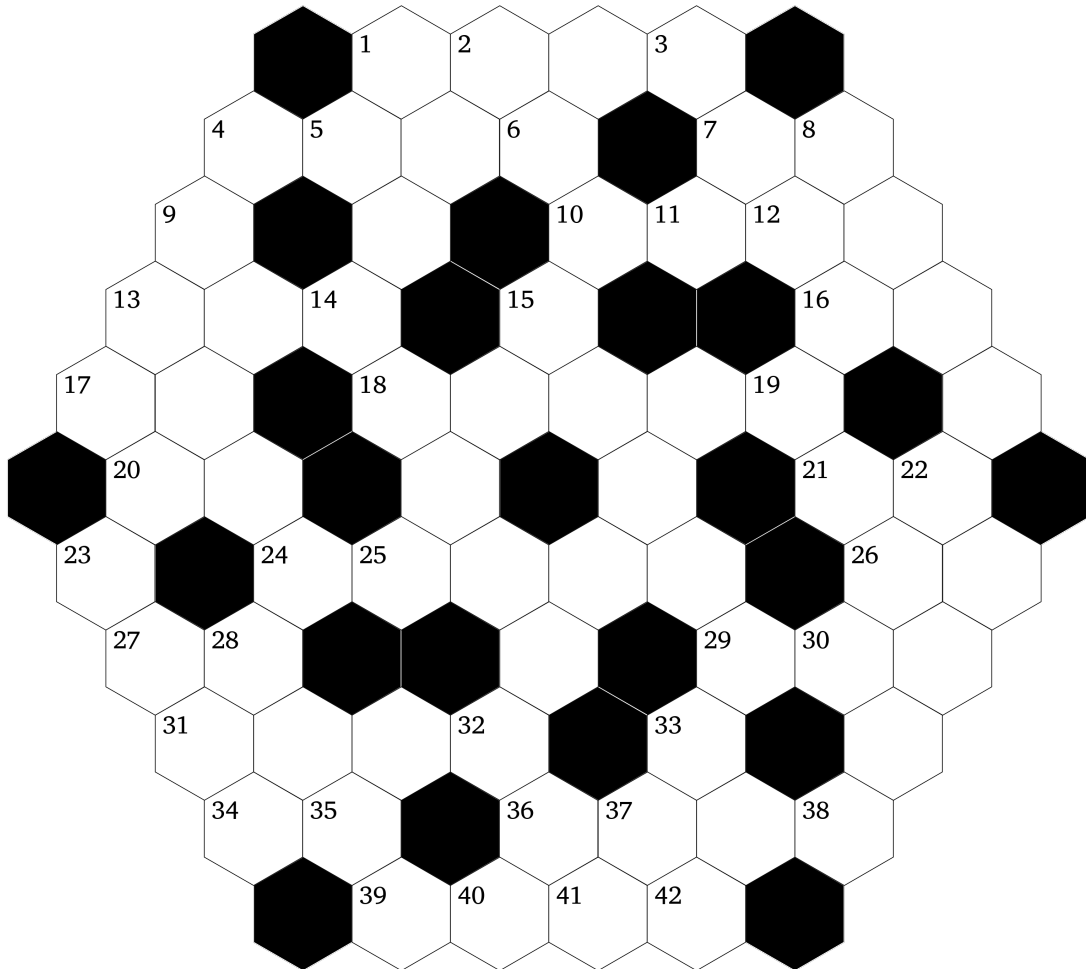
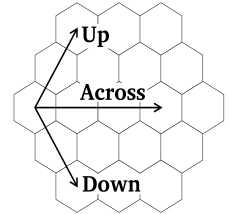


TripleCross - Hard Puzzle #12

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 26 across times 1 down
- 4 8 down minus 31 across
- 7 Twice the result of 35 up minus 21 across
- 10 Half of 3 down, then subtract 14 up
- 13 14 down minus 18 across
- 16 40 up minus 20 across
- 17 Two-thirds of 20 across
- 18 Forty-eight times a prime number
- 20 Half of 36 across, then subtract 19 down
- 21 34 across plus 6 up
- 24 Twenty-one times a prime number
- 26 16 across plus 34 up
- 27 Mean of 6 up and 34 up
- 29 Seventeen times a prime number
- 31 A prime number
- 34 40 up minus 12 up
- 36 Twice a prime number
- 39 Nine hundred thirty less than 30 up

Up

- 5 27 across plus 37 down
- 6 20 across minus 34 up
- 11 Mean of 16 across and 27 across
- 12 Mean of 6 up and 20 across
- 14 A prime number
- 17 Mean of 39 across and 17 across
- 19 A square
- 23 A square
- 25 Two thousand six hundred eight more than 14 down
- 30 Twenty-two times a prime number
- 31 26 across plus 17 down
- 32 A prime number
- 34 7 across plus 12 up
- 35 Mean of 26 across and 21 across
- 38 22 down times 26 across
- 40 Mean of 5 up and 9 down
- 41 Twice the result of 25 up minus 24 across
- 42 Mean of 26 across and 22 down

Down

- 1 34 across minus 17 across
- 2 42 up plus 11 up
- 3 Four times a prime number
- 5 Mean of 9 down and 26 across
- 8 Six times a prime number
- 9 27 across plus 20 across
- 13 41 up minus 22 down
- 14 A prime number
- 15 Sixteen times a prime number
- 17 34 up minus 6 up
- 19 A prime number
- 22 Mean of 5 down and 37 down
- 23 One thousand nine hundred forty more than 38 up
- 28 Last two digits are the same as last two digits of 30 up
- 30 Square root of 23 up
- 32 29 across plus 34 across
- 33 Three times 6 up
- 37 35 up minus 7 across

Solution:

