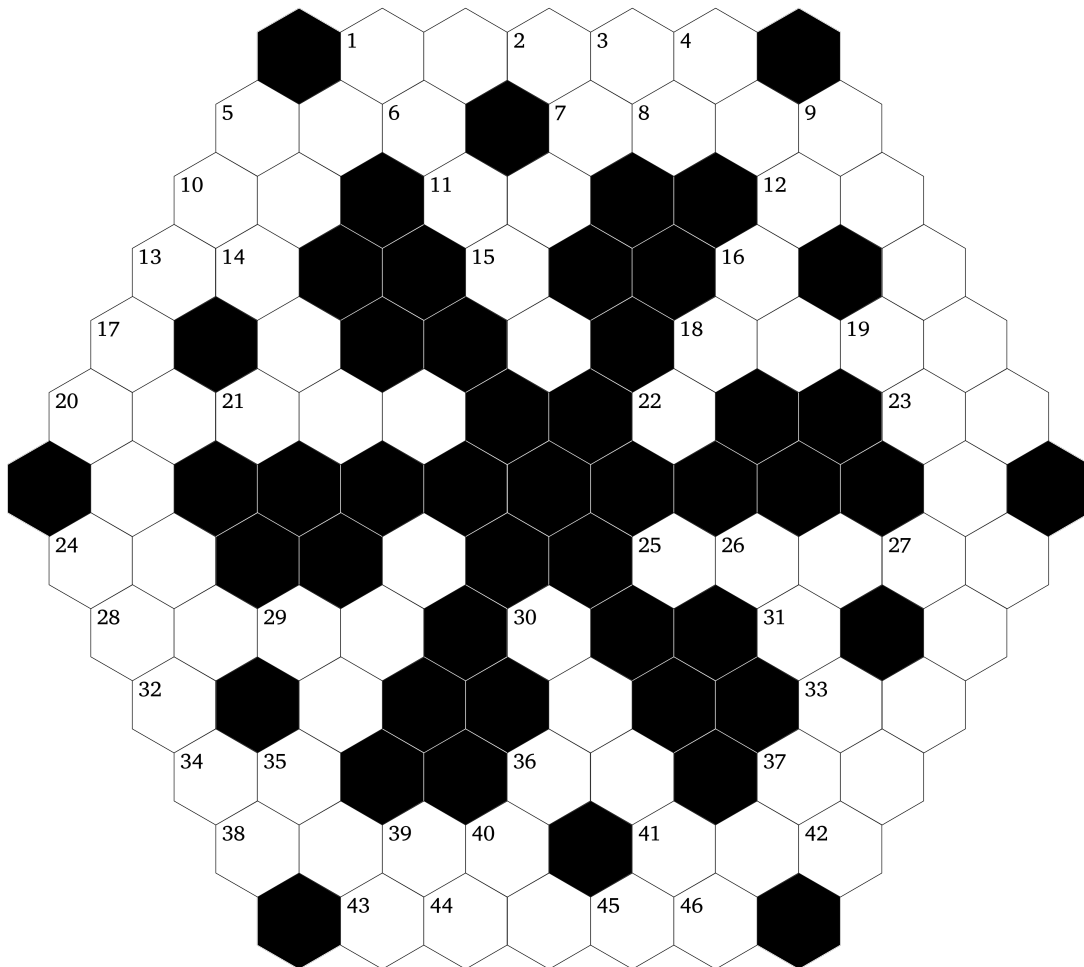
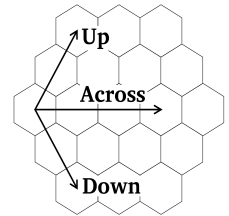


TripleCross - Hard Puzzle #16

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 Three times a prime number
- 5 A prime number
- 7 Three times a prime number
- 10 13 across plus 19 up
- 11 27 down plus 12 across
- 12 27 down plus 34 across
- 13 Sum of digits in 1 across
- 18 Twice the result of 20 down plus 19 up
- 20 A prime number
- 23 35 down divided by 40 down
- 24 33 across minus 3 down
- 25 Mean of 1 down and 2 down
- 28 Ninety times a prime number
- 33 Mean of 31 up and 12 across
- 34 36 across minus 12 across
- 36 6 up minus 23 up
- 37 36 across minus 34 across
- 38 Thirteen times a prime number
- 41 35 down minus 34 across
- 43 15 up times 8 up

Up

- 6 37 across plus 31 up
- 8 Same as 3 down
- 14 Fifty-two times 2 down
- 15 43 across divided by 3 down
- 19 34 across plus 40 down
- 20 Twice a prime number
- 21 39 down plus half of 43 up
- 22 A prime number
- 23 31 up minus 34 across
- 24 Mean of 21 up and 5 across
- 27 41 across plus half of 36 across
- 28 36 across plus 23 up
- 31 21 up minus 33 across
- 32 Mean of 39 down and 37 across
- 38 Twice a prime number
- 42 Eight thousand nine hundred seventy-seven more than 1 down
- 43 Same as 11 across
- 44 Twice a prime number
- 45 Mean of 32 up and 17 down
- 46 Twice a prime number

Down

- 1 Twenty-two thousand two hundred seventeen less than 38 up
- 2 17 down plus 33 across
- 3 43 up minus 2 down
- 4 38 up minus 30 down
- 5 13 across plus 19 up
- 9 Thirteen times a prime number
- 10 Twice the result of 7 across plus 10 across
- 16 5 down plus half of 37 across
- 17 Mean of 8 up and 37 down
- 19 Seventy-seven less than 7 across
- 20 Sixty times a prime number
- 24 Mean of 42 up and 29 down
- 26 Twenty-four times a prime number
- 27 A square
- 29 17 down plus 12 across
- 30 Seventeen times a prime number
- 35 A square
- 37 40 down plus 31 up
- 39 36 across minus 24 across
- 40 36 across minus 10 across

Solution:

