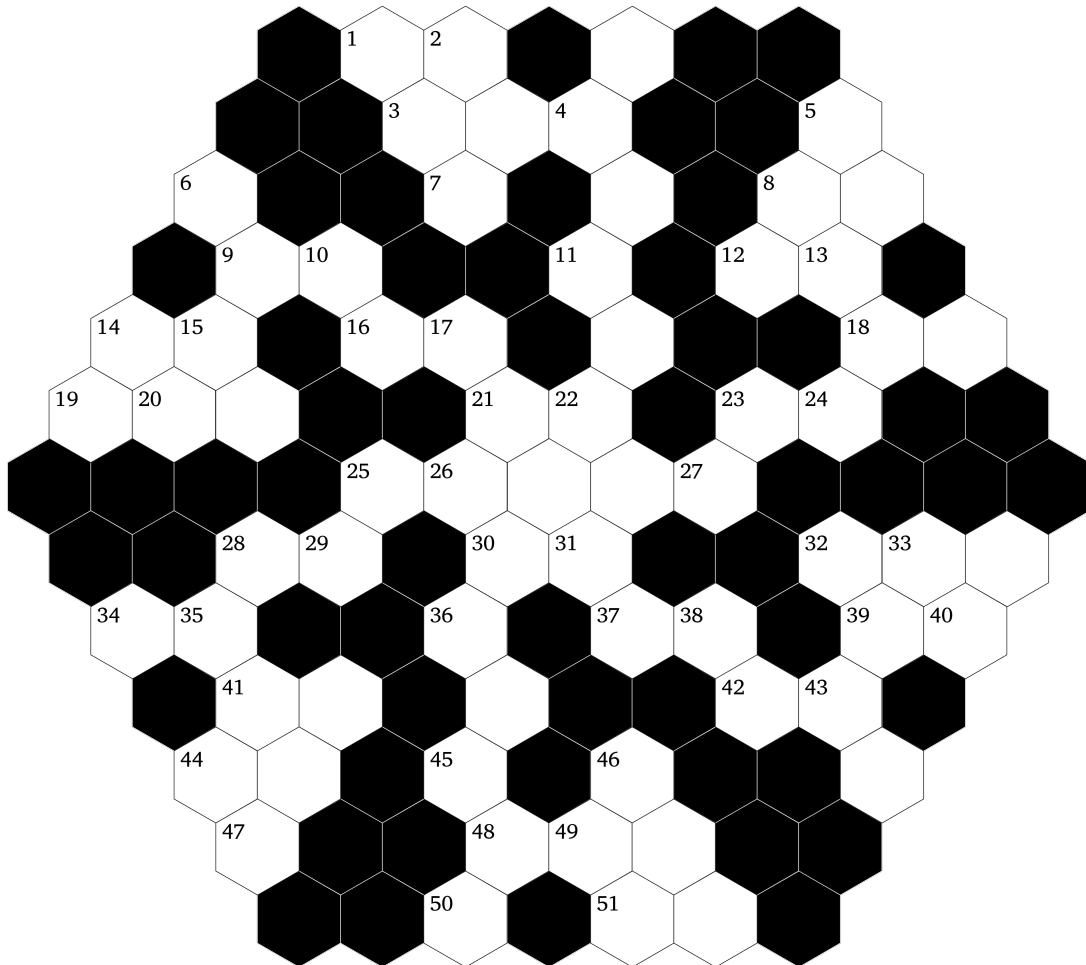
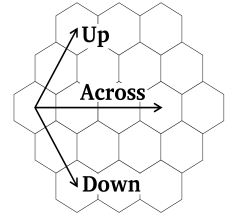


# TripleCross - Hard Puzzle #11

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 A square
- 3 Mean of 1 down and 12 up
- 8 30 across plus 4 down
- 9 37 across plus 28 across
- 12 25 across divided by 43 up
- 14 Mean of 1 across and 36 down
- 16 Mean of 13 up and 51 across
- 18 30 across plus 4 up
- 19 43 up minus 45 up
- 21 8 down divided by thirteen
- 23 33 down minus 30 across
- 25 Ninety-eight times a prime number
- 28 11 up minus 36 down
- 30 16 across minus 44 up
- 32 12 across plus 51 across
- 34 16 across minus 15 down
- 37 Mean of 45 up and 7 up
- 39 9 across minus 21 across
- 41 3 across minus 47 up
- 42 28 across plus 36 down
- 44 Mean of 26 down and 23 across
- 48 1 down minus 4 up
- 51 49 up plus 4 up

**Up**

- 3 Mean of 21 across and 51 across
- 4 9 across minus 5 down
- 7 33 down minus 26 up
- 11 28 across plus half of 21 across
- 12 20 up plus 10 down
- 13 24 up plus 26 down
- 19 24 up plus 26 up
- 20 46 down minus 4 up
- 24 Mean of 38 down and 49 down
- 26 8 across minus 34 across
- 27 50 up minus 22 down
- 29 Mean of 26 down and 27 up
- 31 23 across plus half of 37 across
- 35 Mean of 42 across and 49 up
- 36 A palindrome
- 40 12 across minus 16 across
- 43 20 up plus 40 up
- 44 14 across minus 44 down
- 45 49 down minus 41 across
- 47 Mean of 19 across and 35 down
- 49 6 down minus 40 up
- 50 Twice the result of 32 down plus 41 across
- 51 Same as 8 across

**Down**

- 1 35 down minus 2 down
- 2 44 across plus 44 up
- 4 28 across minus 32 down
- 5 33 down minus 26 up
- 6 12 across minus 29 up
- 8 36 down times 23 across
- 10 Mean of 42 across and 34 across
- 11 Mean of 38 down and 42 across
- 14 Mean of 31 up and 1 across
- 15 44 down minus 26 up
- 17 Three thousand nine hundred eighty-seven less than 25 across
- 22 A square
- 26 Half of 10 down, then subtract 4 up
- 32 44 up minus 15 down
- 33 44 up plus 24 up
- 35 38 down plus 48 across
- 36 14 down minus 44 across
- 38 6 down minus 32 down
- 43 A prime number
- 44 43 down minus 49 down
- 45 Half of 51 up, then subtract 15 down
- 46 44 up plus 20 up
- 49 18 across minus 29 up

**Solution:**

