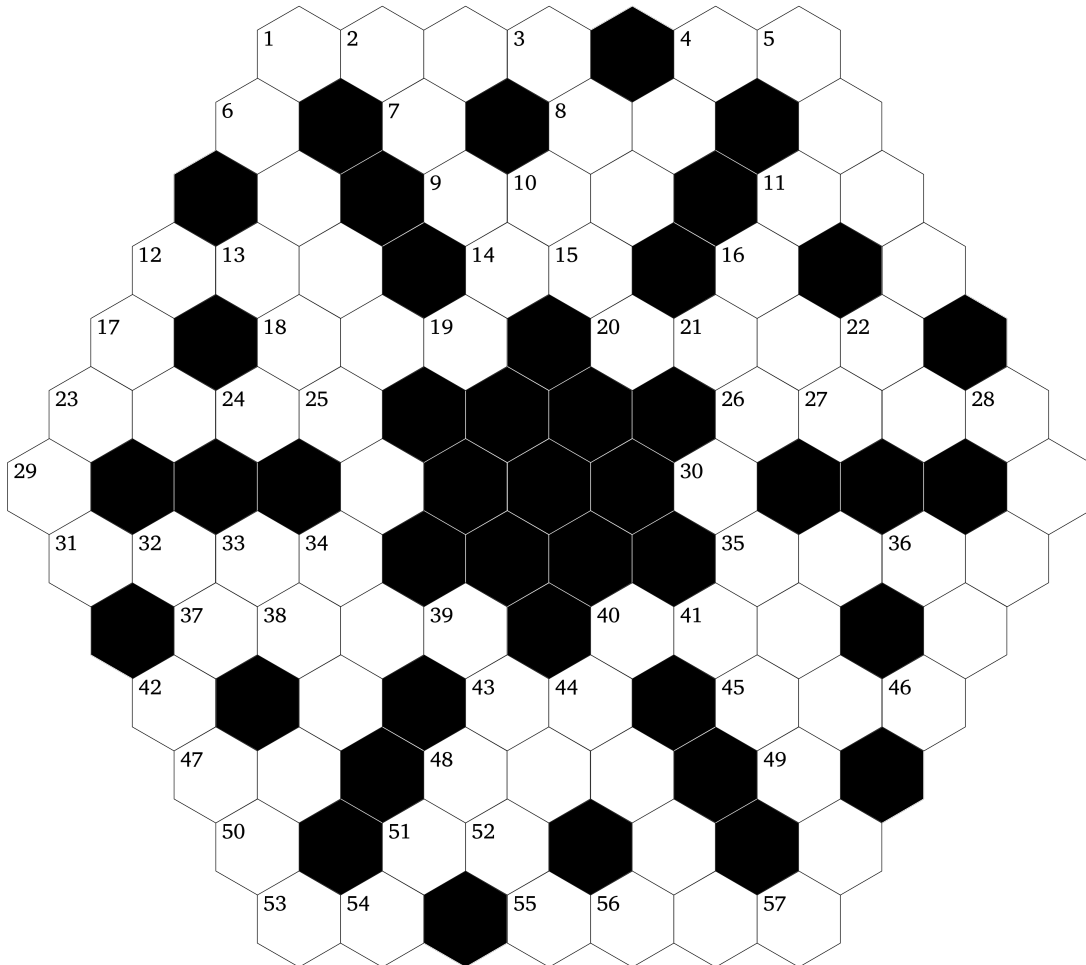
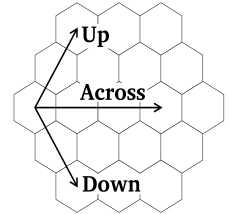


# TripleCross - Hard Puzzle #24

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 39 down plus half of 13 down
- 4 48 down minus 39 down
- 8 56 up minus 22 down
- 9 42 up plus 24 up
- 11 34 down minus 41 up
- 12 14 across times 53 across
- 14 8 across plus 47 across
- 18 Twice the result of 30 up minus 3 down
- 20 Thirty-two times 45 across
- 23 A prime number
- 26 Eight times 9 across
- 31 Seven times a prime number
- 35 Four times a prime number
- 37 Twenty-two times a prime number
- 40 10 down minus 51 across
- 43 18 across minus 47 across
- 45 38 up minus 17 down
- 47 6 up minus 51 across
- 48 33 down minus 4 across
- 51 53 across plus 32 down
- 53 Same as 28 down
- 55 47 across times 48 across

**Up**

- 6 11 across reversed
- 7 8 across plus 57 up
- 13 41 up plus 21 down
- 15 Thirty-four times a prime number
- 19 30 down minus 22 down
- 21 Mean of 19 up and 32 down
- 24 Four times a prime number
- 25 32 down plus 47 across
- 27 Twice a prime number
- 29 Twice a prime number
- 30 12 across minus 28 down
- 38 25 up plus 45 up
- 41 Half of 18 across
- 42 33 down minus 6 up
- 45 Twice a prime number
- 46 Last two digits are the same as last two digits of 35 across
- 49 21 down plus 7 up
- 50 Mean of 29 up and 13 up
- 52 9 across plus half of 34 down
- 54 Twenty-three times a prime number
- 56 A prime number
- 57 Same as 14 across

**Down**

- 2 Its digits total 4 across
- 3 24 up minus 56 up
- 5 48 across times 47 across
- 6 41 down minus 45 across
- 10 36 down plus 40 across
- 13 Twelve times a prime number
- 16 Mean of 45 across and 57 up
- 17 Mean of 14 across and 56 up
- 21 41 up minus 8 across
- 22 A square
- 28 Twice the result of 41 up minus 36 down
- 29 20 across minus 37 across
- 30 Twice the result of 35 across minus 17 down
- 32 29 down minus 14 across
- 33 45 across plus 34 down
- 34 22 down plus 32 down
- 36 53 across plus 32 down
- 39 33 down minus 21 down
- 41 Mean of 31 across and 54 up
- 42 Mean of 55 across and 38 up
- 44 Twenty-five times a prime number
- 48 A prime number

Solution:

