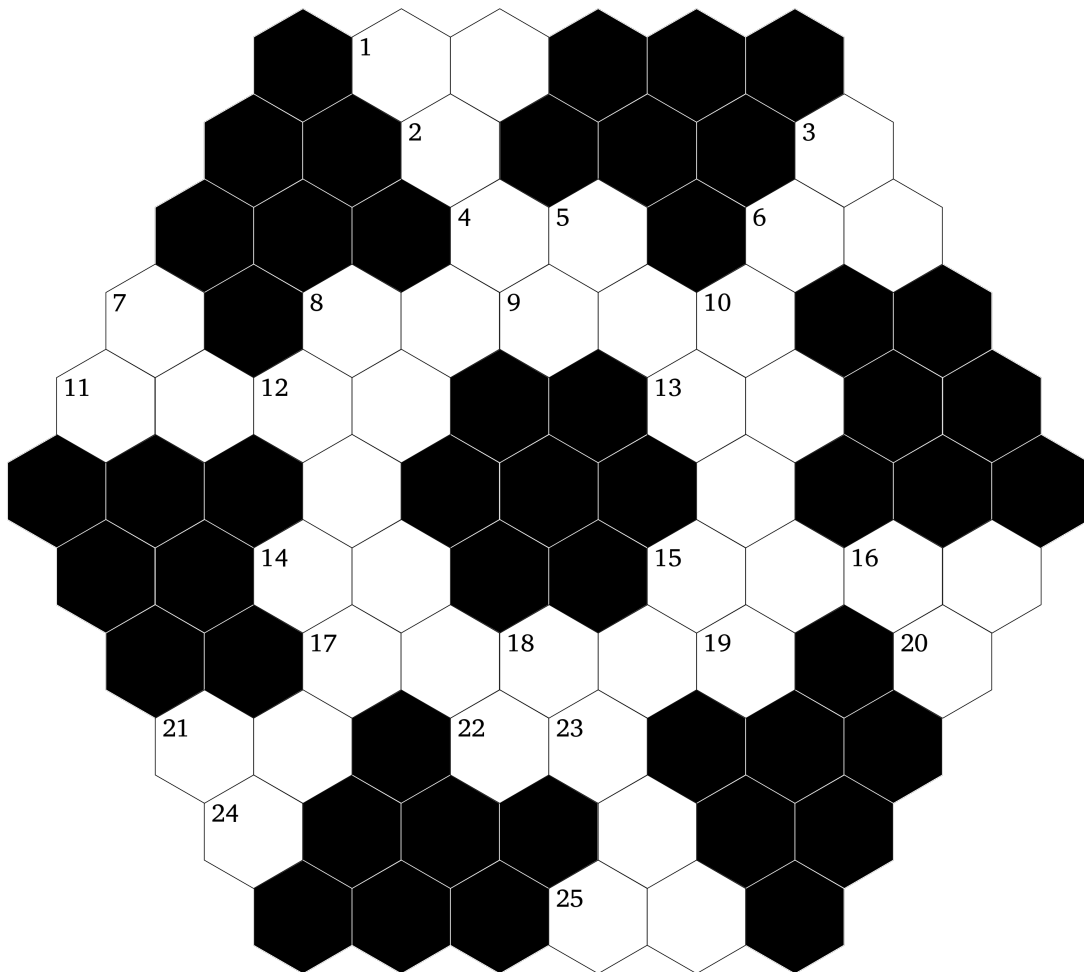
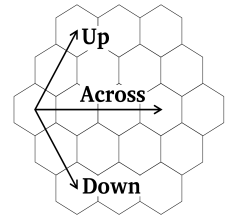


# TripleCross - Challenging Puzzle #46

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 Sum of digits in 15 across
- 4 Twice a prime number
- 6 21 down plus half of 12 up
- 8 18 down plus half of 12 down
- 11 Fourteen times a prime number
- 13 22 across plus 21 down
- 14 11 up minus 25 across
- 15 Seventy-nine times 7 down
- 17 A prime number
- 21 6 across divided by three
- 22 Mean of 2 up and 13 across
- 25 16 down minus 1 across

**Up**

- 2 Mean of 19 up and 1 across
- 9 14 down minus 21 down
- 11 20 up minus 22 across
- 12 Seven times 25 across
- 13 Sixty-eight times 20 up
- 14 8 down plus half of 5 down
- 19 22 across minus 21 down
- 20 A square
- 22 Mean of 19 up and 10 down
- 23 17 across minus 3 down
- 24 Thirteen times a prime number
- 25 21 across minus half of 9 up

**Down**

- 1 Three times a prime number
- 3 A cube
- 5 Last two digits are the same as 10 down
- 7 Twice the result of 19 up plus 2 up
- 8 7 down minus 1 across
- 10 21 across plus 21 down
- 12 Forty-six times a prime number
- 14 1 across plus 21 down
- 15 22 across plus 25 across
- 16 25 across plus 19 up
- 18 Forty-six times a prime number
- 21 3 down minus 25 up

