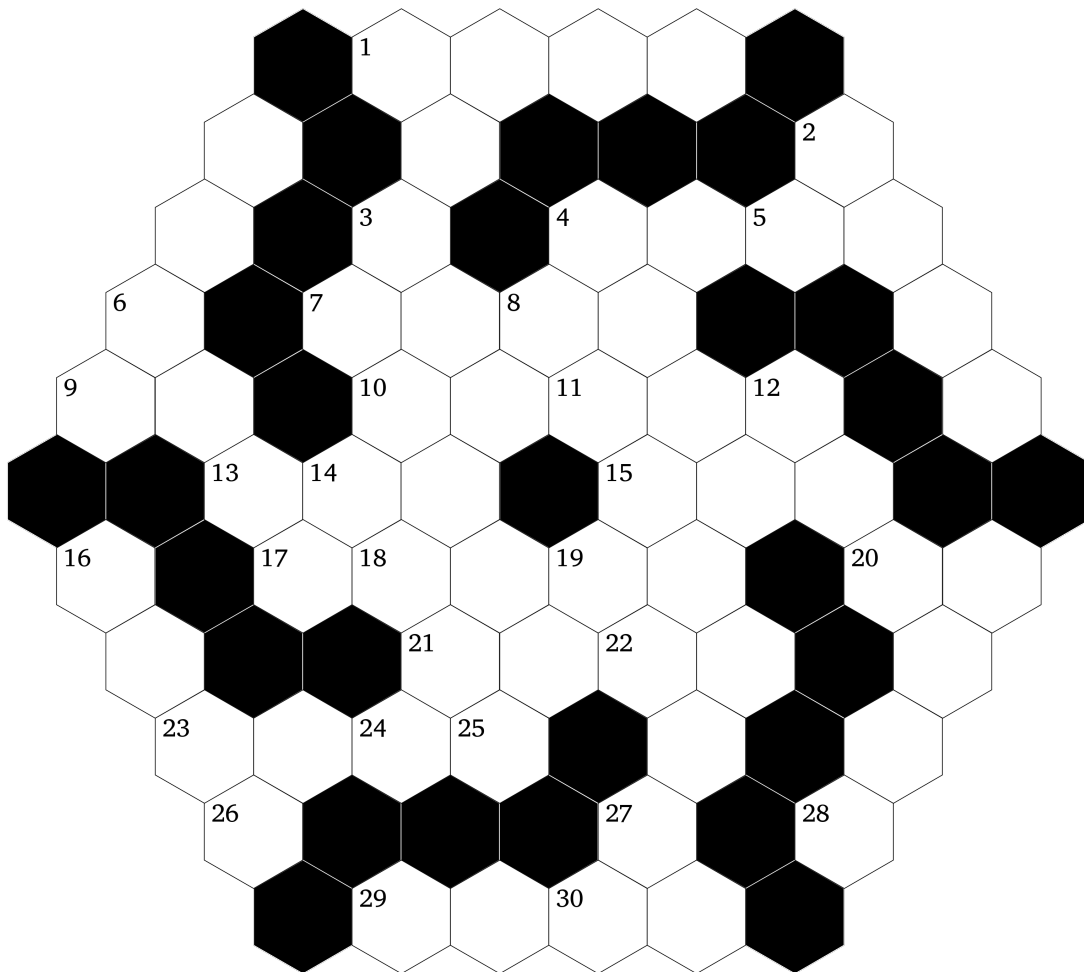
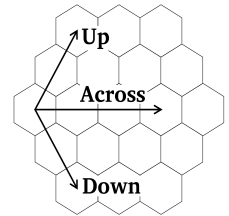


# TripleCross - Challenging Puzzle #31

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 Nine hundred nine less than 2 down
- 4 7 across plus 27 down
- 7 Rearranged digits of 17 up
- 9 A prime number
- 10 Eight times a prime number
- 13 Twice the result of 6 down minus 1 across
- 15 24 up minus 27 down
- 17 One thousand nine hundred thirty-two more than 22 up
- 20 13 across divided by 27 down
- 21 Five hundred seventy-one more than 29 across
- 23 Twenty-one times a prime number
- 29 Sixteen times a prime number

**Up**

- 5 Three times a prime number
- 7 Fifty times a prime number
- 9 Fifty-five times a prime number
- 11 Fifty-four times a prime number
- 17 Fifty-one times a prime number
- 18 One thousand five hundred thirty-seven more than 6 down
- 22 Twice the result of 17 up plus 9 up
- 24 7 up divided by 20 across
- 25 21 across plus 23 across
- 26 Six times a square
- 28 Mean of 12 down and 29 across
- 30 Nine times a prime number

**Down**

- 1 Five times a prime number
- 2 18 up minus 11 up
- 3 4 across minus 14 down
- 4 A square
- 6 Nine times a prime number
- 7 Seventy-two times a prime number
- 8 One thousand eight hundred thirteen more than 7 down
- 14 A prime number
- 16 15 across plus 19 down
- 19 Twice a square
- 27 Twice a prime number

Solution:

