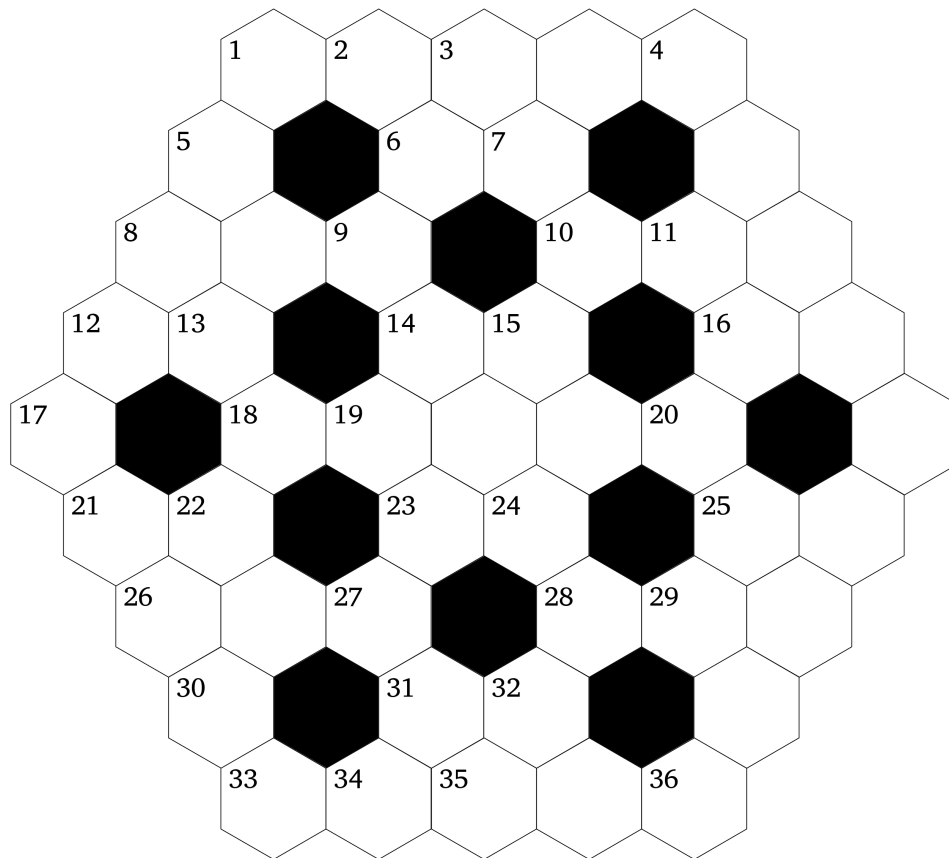
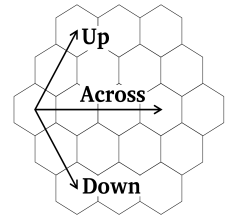


TripleCross - Challenging Puzzle #21

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** Mean of 27 up and 6 across
6 23 across plus 24 up
8 10 across minus 28 across
10 3 down reversed
12 Mean of 19 up and 34 up
14 11 down minus 2 down
16 Twice the result of 29 down minus 19 up
18 A palindrome
21 26 across divided by eight
23 6 across minus 19 up
25 31 across minus 14 across
26 Mean of 10 across and 24 up
28 Mean of 32 down and 20 up
31 19 down plus 7 up
33 Nine thousand fifty-six more than 1 across

Up

- 7** 12 across plus 14 across
9 28 across plus 19 up
11 31 across minus 2 down
13 34 up plus 23 across
17 A palindrome
19 31 across minus 13 up
20 Mean of 27 down and 35 up
24 31 across minus 11 down
26 8 across minus 32 down
27 Six thousand two hundred seventeen more than 4 down
29 3 down divided by eight
30 Mean of 5 down and 12 across
34 Sum of digits in 33 across
35 Mean of 20 down and 29 up
36 Nine times a prime number

Down

- 2** A cube
3 Mean of 6 across and 20 down
4 A prime number
5 20 down divided by thirty
8 20 up minus 32 down
9 A prime number
11 Mean of 11 up and 21 across
15 12 across plus 2 down
17 Five thousand nine hundred forty-eight less than 33 across
19 23 across reversed
20 Twenty times 24 up
22 A square
27 Forty-seven times 34 up
29 Mean of 21 across and 19 down
32 19 up plus 16 across

Solution:

