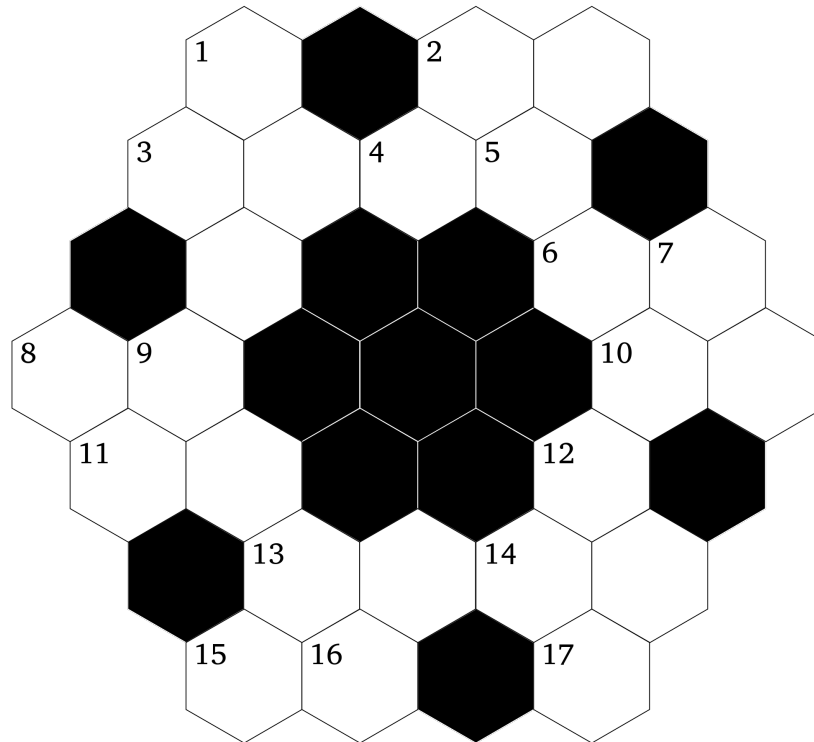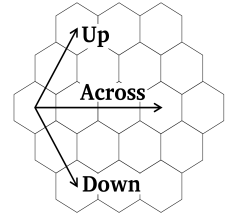Difficulty: ★★☆☆☆

TripleCross - Challenging Puzzle #12

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

2 4 up reversed
3 Twice a square
6 13 across divided by 15 across
8 7 down minus 3 up
10 Same as 1 down
11 Half of 17 up, then subtract 5 up
13 Two hundred eighty-five more than 14 up
15 1 down plus 8 down

Up

3 A square
4 Mean of 1 down and 6 across
5 16 up minus 11 across
11 A prime number
14 Sixty-five times a square
15 13 across divided by 15 across
16 Three-fifths of 15 up
17 Twice 16 up

Down

1 Mean of 17 up and 3 up
2 Twelve times a prime number
3 8 across plus half of 3 up
7 10 across minus half of 12 down
8 15 across minus 10 across
9 Eighty-two times a prime number
12 Four times a prime number
14 A prime number

Solution: