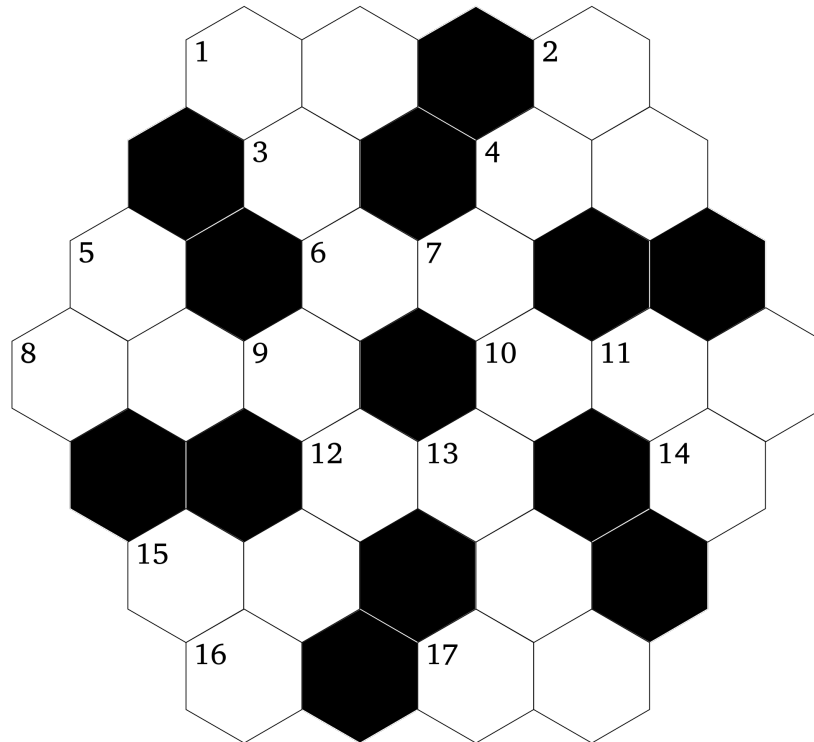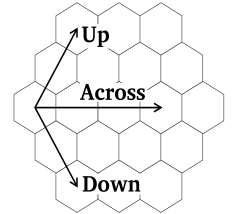# TripleCross - Intermediate Puzzle #33

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 7 down minus 9 down
4 Mean of 6 across and 17 across
6 A prime number
8 Three times a prime number
10 15 across plus half of 1 down
12 Mean of 17 up and 2 down
15 4 across minus 11 down
17 A square

Up

3 15 across minus 9 up
7 Twenty-four times 9 down
8 Twice the result of 15 down minus 3 up
9 13 down minus 6 across
13 16 up divided by seventy-six
14 7 down plus 12 across
16 Forty-four times a prime number
17 1 down minus 15 down

Down

1 8 up plus 14 up
2 15 across minus 13 up
5 4 across minus half of 2 down
7 Mean of 8 up and 9 down
9 A square
11 Mean of 2 down and 9 down
13 Mean of 17 up and 10 across
15 Mean of 17 across and 3 up

Solution: