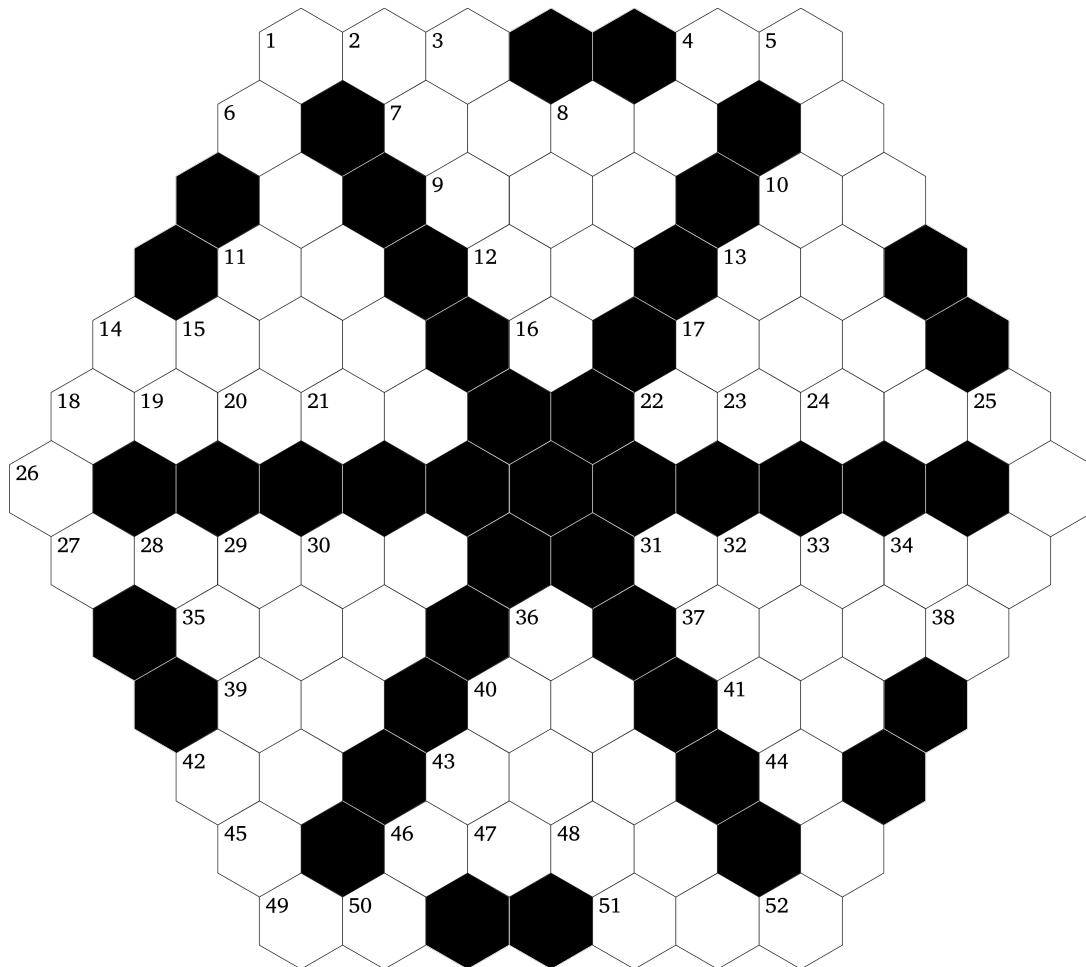
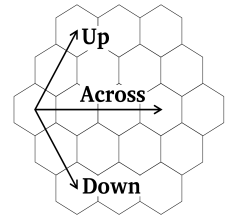


TripleCross - Hard Puzzle #28

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 First two digits are the same as 21 up
- 4 42 across plus 10 across
- 7 45 up minus 42 up
- 9 26 up minus 37 up
- 10 Mean of 17 down and 39 across
- 11 51 across minus 4 across
- 12 Mean of 13 across and 42 across
- 13 39 across plus 41 across
- 14 Sixty-one times 10 across
- 17 Five times 33 down
- 18 Twenty-one times a prime number
- 22 Twenty-seven times a prime number
- 27 A prime number
- 31 A prime number
- 35 Twenty-six times 30 down
- 37 Thirty-eight times a prime number
- 39 41 across plus 12 across
- 40 Half of 44 up, then subtract 40 down
- 41 13 across minus 24 up
- 42 42 down minus 41 up
- 43 Ten times a prime number
- 46 Twice a prime number
- 49 41 up minus half of 42 down
- 51 37 up plus 33 down

Up

- 6 35 across minus 26 up
- 7 Mean of 39 across and 35 up
- 9 Half of 36 down, then subtract 22 up
- 12 Mean of 42 down and 47 up
- 16 One hundred less than 31 across
- 19 Thirty times a prime number
- 20 11 down reversed
- 21 25 down plus 41 across
- 22 Seventeen times a prime number
- 23 Sixty-two times 12 across
- 24 Same as 39 across
- 26 9 across plus 14 down
- 35 Mean of 21 up and 34 down
- 37 42 across plus 51 up
- 38 43 across minus 10 across
- 41 51 across plus 35 up
- 42 Mean of 51 across and 10 down
- 44 Sixty-six times a prime number
- 45 Forty-one times a prime number
- 47 13 down minus 6 up
- 48 51 across minus 40 across
- 50 Thirty-six times a prime number
- 51 A square
- 52 Mean of 35 up and 9 up

Down

- 2 Mean of 50 up and 46 across
- 3 A prime number
- 5 Mean of 20 up and 4 across
- 6 28 down plus 38 up
- 8 Mean of 35 up and 52 up
- 10 12 across times 21 up
- 11 6 up times 42 across
- 13 11 across times 15 down
- 14 42 across plus 51 up
- 15 13 down divided by 17 down
- 17 Same as 11 across
- 25 17 down plus half of 26 down
- 26 Mean of 52 up and 35 up
- 28 A prime number
- 29 Fifty-five times a prime number
- 30 8 down minus 10 across
- 31 First two digits are the same as first two digits of 10 down
- 32 Forty-two times 6 up
- 33 Mean of 49 across and 10 across
- 34 Mean of 48 up and 49 across
- 36 Ninety times 5 down
- 40 A prime number
- 42 Mean of 14 down and 11 down
- 43 43 across minus half of 1 across

Solution:

