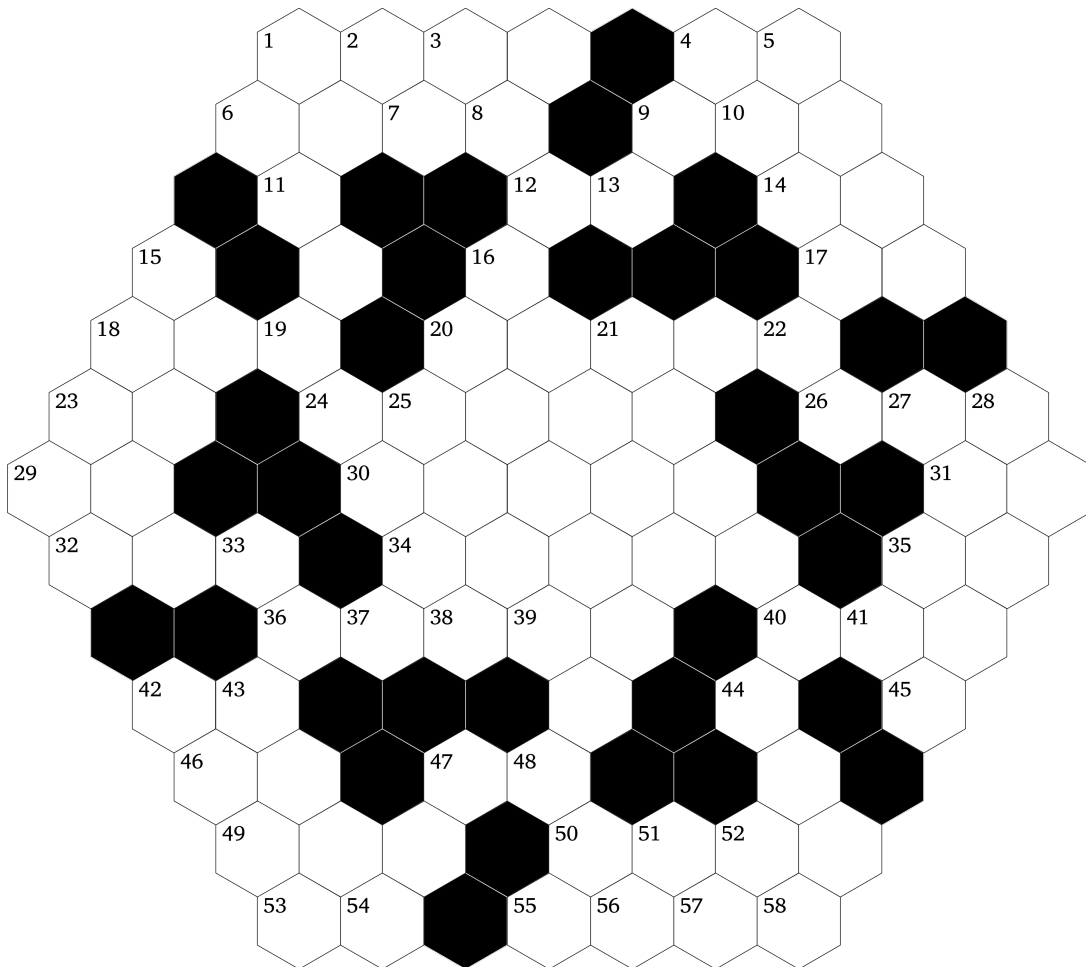
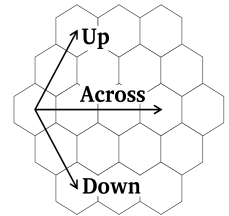


TripleCross - Challenging Puzzle #26

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 Fifty-four times a prime number
 4 31 across divided by three
 6 Three times a prime number
 9 44 up plus 3 down
 12 18 down minus 33 down
 14 Mean of 46 across and 41 down
 17 Mean of 48 down and 2 down
 18 46 up plus 58 up
 20 45 up times 29 down
 23 33 down minus 15 down
 24 Eight hundred sixty-four less than 30 up
 26 18 down plus 19 up
 29 8 up minus 42 across
 30 One thousand four hundred thirty-two more than 24 across
 31 A square
 32 49 across minus 6 up
 34 Thirty-four times a prime number
 35 12 across plus 15 down
 36 Seventy-four times a prime number
 40 Nine times a prime number
 42 Mean of 46 across and 41 down
 46 Twice the result of 29 across plus 23 across
 47 A square
 49 22 up minus 49 up
 50 29 down plus 29 up
 53 6 up minus 29 across
 55 A prime number

Up

- 6 A square
 7 Mean of 18 down and 6 up
 8 35 down plus 15 down
 10 6 up reversed
 11 13 up plus 32 across
 13 18 down plus 6 down
 14 A square
 19 55 up minus 23 across
 22 57 up minus 8 up
 29 50 across minus 28 down
 30 Nine thousand one hundred ninety-nine more than 25 down
 32 A prime number
 37 Its digits total 58 up
 38 Forty-six times 13 up
 39 Three times a prime number
 41 42 down minus 23 down
 44 48 down minus 19 up
 45 Seventy-one times 41 down
 46 Twice the result of 39 up minus 16 down
 48 Ninety times a prime number
 49 A square
 53 57 up divided by 22 down
 54 23 down minus 56 up
 55 A square
 56 17 across minus 47 across
 57 35 down times 29 across
 58 14 across minus 33 down

Down

- 1 Mean of 44 up and 7 up
 2 7 up reversed
 3 33 down times 4 across
 4 Seven times a prime number
 5 A prime number
 6 11 up minus 22 up
 15 9 across divided by 12 across
 16 Nineteen times a prime number
 18 22 up minus 32 across
 19 30 across minus half of 8 up
 20 First two digits are the same as 52 down
 21 Nine times a prime number
 22 Mean of 14 across and 15 down
 23 53 across plus 54 up
 25 Mean of 20 down and 53 across
 27 44 down minus half of 54 up
 28 20 across divided by 45 up
 29 Twice the result of 17 across minus 14 across
 33 26 across minus 2 down
 35 46 across minus 12 across
 41 44 up plus 51 down
 42 A prime number
 43 Consecutive digits in descending order
 44 Mean of 11 up and 52 down
 48 53 up plus 8 up
 51 Sum of digits in 21 down
 52 Seven times 53 up

Solution:

