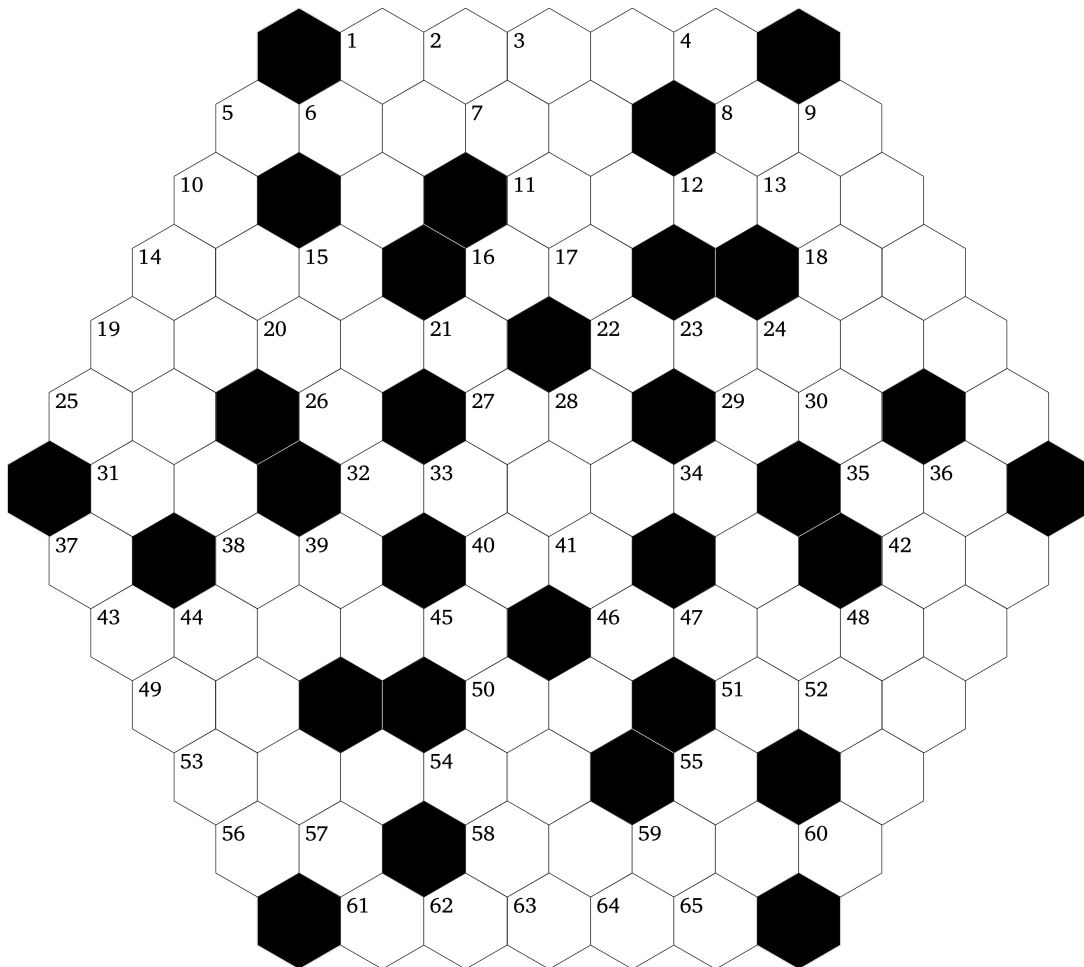
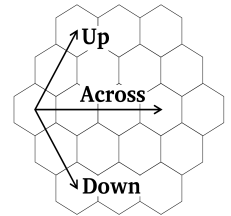


TripleCross - Hard Puzzle #7

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 Twelve thousand four hundred seventy-three less than 32 across
- 5 A prime number
- 8 Three times 16 across
- 11 Thirteen times a prime number
- 14 51 across minus 36 down
- 16 38 across minus 23 down
- 18 40 across minus 56 across
- 19 A prime number
- 22 A prime number
- 25 16 across minus 49 across
- 27 6 down plus 25 down
- 29 Mean of 33 down and 17 up
- 31 26 up plus 15 down
- 32 Nineteen thousand four hundred sixty-seven more than 2 down
- 35 59 down minus 23 down
- 38 49 up minus half of 42 across
- 40 28 down plus 12 up
- 42 31 across minus 25 across
- 43 Its digits total 48 down
- 46 Thirty times a prime number
- 49 13 up minus 8 across
- 50 59 down plus 48 down
- 51 A prime number
- 53 Nine thousand seventy-four more than 2 down
- 56 A square
- 58 Eighty-three times a prime number
- 61 Twice a prime number

Up

- 6 17 up minus half of 25 across
- 7 47 down plus 55 down
- 12 49 up minus 54 up
- 13 15 down plus 65 up
- 17 Mean of 6 down and 57 up
- 20 Three hundred sixty more than 43 across
- 21 Seventy-nine times a prime number
- 25 Three thousand six hundred twenty less than 21 down
- 26 56 up reversed
- 30 Mean of 54 down and 54 up
- 33 16 across plus 14 down
- 34 50 across plus 21 down
- 37 14 across plus half of 64 up
- 41 Half of 33 down, then subtract 15 down
- 45 One thousand seven hundred fifty-four less than 53 up
- 47 41 up plus 56 up
- 49 47 up plus 18 across
- 52 First two digits are the same as 48 down
- 53 Seventy-four times a prime number
- 54 Mean of 41 up and 40 across
- 56 40 across minus 41 up
- 57 65 up plus 25 down
- 60 Seven hundred ninety-five less than 44 down
- 62 Twice the result of 20 up plus 39 down
- 63 56 across plus 23 down
- 64 Fourteen times a prime number
- 65 63 up minus 25 across

Down

- 1 16 across plus 56 across
- 2 Four times a prime number
- 3 Twelve times 6 down
- 4 First two digits are the same as 47 down
- 6 8 across minus 48 down
- 9 11 across minus 37 down
- 10 Mean of 21 up and 52 up
- 14 Mean of 49 up and 28 down
- 15 13 up minus 42 across
- 19 Mean of 58 across and 4 down
- 21 34 up minus 57 up
- 23 A square
- 24 Five thousand eight hundred thirty less than 46 across
- 25 12 up minus 35 across
- 28 A square
- 33 49 across plus 47 down
- 34 Ten times a prime number
- 36 14 down plus 25 down
- 37 Seven hundred ninety-four more than 24 down
- 39 Mean of 47 up and 54 up
- 44 Half of 46 across, then subtract 34 down
- 45 Forty-seven times a prime number
- 47 Mean of 6 up and 57 up
- 48 59 down minus 38 across
- 54 A square
- 55 47 up minus 6 down
- 59 31 across minus 49 across

Solution:

