

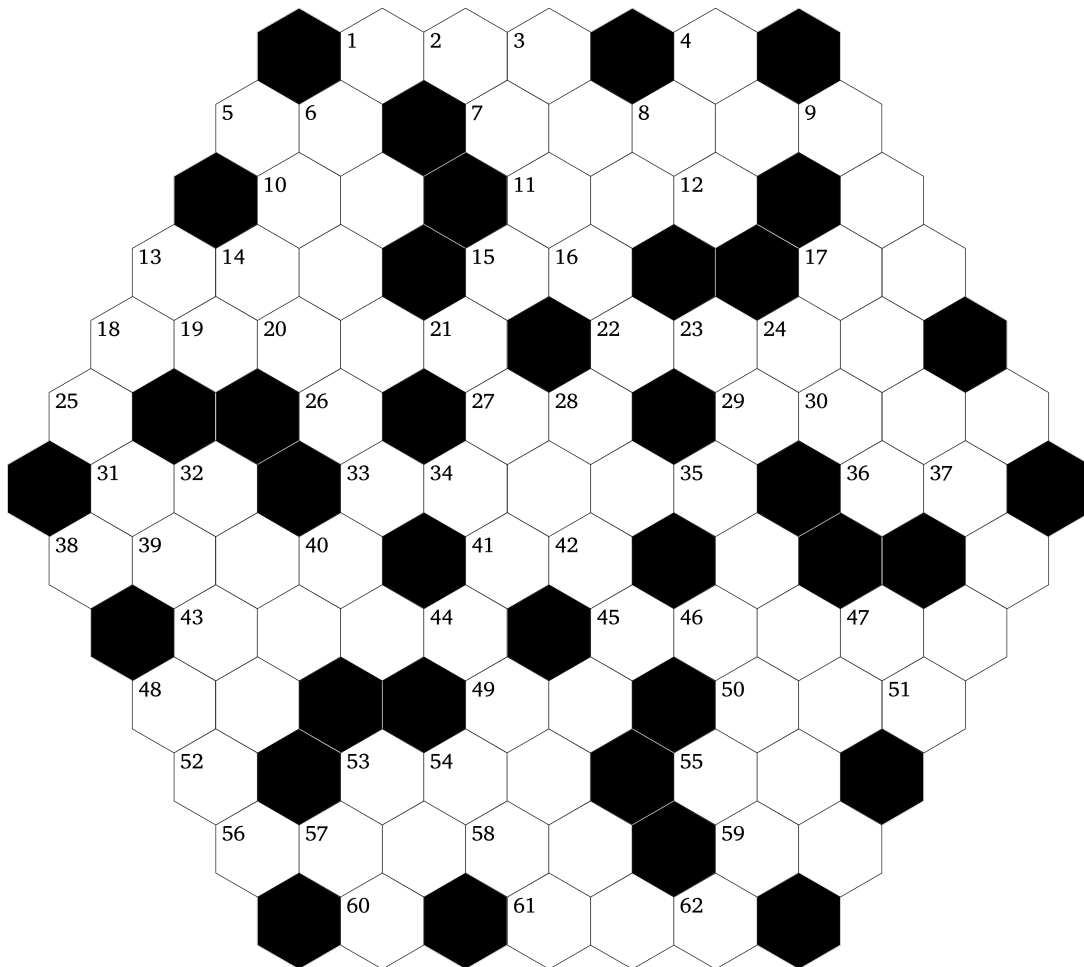
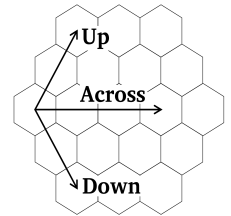
Difficulty: ★★★★★

TripleCross - Hard Puzzle #10

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 Thirty-two times 27 across
- 5 17 across minus 49 across
- 7 Rearranged digits of 35 up
- 10 Mean of 47 down and 12 up
- 11 Twice a prime number
- 13 53 down plus 36 up
- 15 34 down plus 42 up
- 17 47 down minus 59 across
- 18 21 down plus half of 38 across
- 22 Seventeen times a square
- 27 46 up plus 34 up
- 29 Two thousand eight hundred thirteen less than 44 down
- 31 26 up minus 23 down
- 33 A prime number
- 36 59 across minus 6 down
- 38 Forty-four times a prime number
- 41 26 up plus 6 down
- 43 Three times a prime number
- 45 19 up plus 37 up
- 48 54 down minus 24 down
- 49 15 across minus 42 up
- 50 Three times a prime number
- 53 55 up plus 34 down
- 55 Mean of 15 across and 40 down
- 56 A prime number
- 59 26 up minus 36 across
- 61 Mean of 50 across and 14 down

Up

- 7 8 down plus 55 down
- 12 15 across minus 23 down
- 16 Forty-nine times 5 across
- 19 A prime number
- 20 Twice the result of 24 down minus 4 down
- 21 14 down plus 10 across
- 25 48 up minus 57 up
- 26 38 up minus 34 up
- 30 Same as 51 up
- 34 37 up minus 48 across
- 35 First two digits are the same as 23 down
- 36 Mean of 34 up and 48 across
- 37 47 down minus 49 across
- 38 57 up plus 34 down
- 39 57 up plus 34 down
- 42 Mean of 31 across and 23 down
- 44 First two digits are the same as 34 down
- 46 5 across minus 8 down
- 48 55 up minus 36 up
- 51 57 up times 6 down
- 52 Fifteen thousand three hundred thirty-four less than 19 up
- 55 21 up minus 1 across
- 57 Mean of 4 down and 15 across
- 58 A prime number
- 60 Eleven times a prime number
- 61 57 down plus 46 up
- 62 Twenty-nine times a prime number

Down

- 2 Four times a prime number
- 3 9 down minus half of 17 across
- 4 57 down plus 34 down
- 5 Four times a prime number
- 6 4 down minus 40 down
- 8 7 up minus 57 down
- 9 61 across minus 5 across
- 13 Half of 28 down, then subtract 27 across
- 14 31 across plus 16 up
- 17 52 up plus 14 down
- 21 A prime number
- 23 Mean of 13 down and 49 across
- 24 54 down minus 31 across
- 25 Twice a prime number
- 28 23 down plus 55 down
- 32 25 up plus 55 across
- 34 Half of 2 down, then subtract 62 up
- 35 Nine times a prime number
- 40 A prime number
- 44 32 down times 46 up
- 46 Half of 5 down, then subtract 48 down
- 47 5 across plus 48 across
- 48 53 across minus 61 up
- 53 48 up minus 25 up
- 54 48 across plus half of 53 across
- 55 59 across reversed
- 57 61 up minus 13 down

Solution:

