## TripleCross - Challenging Puzzle \#32

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

2 Three times a prime number
4 A prime number
6 Five thousand five hundred twenty-nine more than 10 up
76 across minus 6 up
8 Eighteen times a prime number

Up
6 Fifty-nine times a square
8 Half of 9 up, then subtract 8 across
8 Half of 9 up, then subtract 8 across $\quad$ more than 6 up
9 Last two digits are the same as last two 2 Eighteen times a prime number digits of 4 down
10 A prime number
11 Four times a prime number

## Down

1 One thousand eight hundred thirty-two
2 Eighteen times a prime number
3 Four hundred two less than 2 across
4 Consecutive digits unordered
5 A prime number

## Solution:



