## TripleCross - Challenging Puzzle \#23

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 Eight thousand five hundred sixty less than 25 up
6 Twice a prime number
8 Half of 22 down, then subtract 9 up
10 Half of 3 down, then subtract 23 across
1219 up minus half of 24 up
1415 up minus 6 across
16 Four times a prime number
17 All digits are the same
21 Consecutive digits unordered
23 Fifty-three times a prime number

Up
58 across plus 13 up
924 up minus 13 up
11 Mean of 25 up and 5 up
1319 up minus 18 down
15 Nine times a prime number
18 Mean of 17 across and 20 up
19 A prime number
20 All digits are the same
24 A square
25 Six times a prime number

## Down

2 Consecutive digits in ascending order
3 A palindrome
45 up minus 13 down
716 across plus 8 across
9 Mean of 24 up and 8 across
11 Half of 1 across, then subtract 16 across
1321 across divided by 7 down
18 Mean of 17 across and 14 across
20 Fifty-one times 13 down
229 down reversed

## Solution:



