## CrossFigure - Challenging Puzzle \#48

This puzzle is like a crossword, but with numbers. Each digit occupies a square and can be a part of a "word" in the across and down directions.

## Rules:

1. "Words" may not start with a zero.
2. "Words" read from left to right and top to bottom.
3. There is one unique solution which satisfies all the clues given below.
4. Some "words" may not have clues. They will be determined by the "words" which intersect them.


## Across

4 First two digits are the same as first two digits of 8 across
87 down minus 12 across
10 A square
11 A square
12 Nine times 12 down
15 Sixty-one times a prime number

## Down

14 across divided by 13 down
2 Mean of 9 down and 11 across
3 A square
515 down minus 11 across
6 Mean of 14 down and 10 across
7 Consecutive digits in descending order
9 Twice 8 across
12 A prime number
13 Six times a prime number
14 A prime number
1510 across plus 3 down
16 Mean of 5 down and 12 down

## Solution:

|  | 5 |  | 1 |  | 3 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 1 | 2 | 5 | 4 | 6 |  |
| 5 |  | 1 | 2 | 0 |  | 2 |
| 4 | 9 |  |  |  | 6 | 4 |
| 3 |  | 4 | 2 | 3 |  | 0 |
|  | 8 | 7 | 4 | 1 | 3 |  |
|  | 5 |  | 6 |  | 4 |  |

