## CrossFigure - Challenging Puzzle \#6

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

1 Nine times a prime number
5 Mean of 8 down and 9 across
79 across minus 15 down
9 Mean of 16 down and 14 across
10 Twenty-two times 15 down
114 down divided by thirty-four
12 Half of 13 down, then subtract 10 across
14 All digits are the same
15 Seven times a prime number
17 Twenty-five times a prime number

## Down

1 Twice the result of 16 down plus 15 down
2 A prime number
36 down divided by 15 across
4 Sixty-eight times a prime number
6 Last two digits are the same as last two digits of 4 down
813 down plus 16 down
92 down minus 7 across
13 Twice a prime number
15 A prime number
16 Three times a prime number

## Solution:

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

