## CrossFigure - Intermediate Puzzle \#47

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

31 down divided by 9 across
4 Consecutive digits in descending order
6 Twice the result of 13 down plus 17 across
7 Same as 5 down
916 down minus 13 across
12 Twice a prime number
1315 down divided by twenty-four
15 Mean of 10 down and 11 down
1715 across divided by seven
18 Mean of 10 down and 8 down

## Down

13 down times 9 across
2 Seventeen times 17 across
3 Same as 3 across
513 across plus 9 across
82 down minus 18 across
9 Twice the result of 4 across minus 5 down
1011 down plus 3 across
1110 down minus 3 down
13 A prime number
14 Half of 15 down, then subtract 15 across
15 Forty-four times 3 down
16 Same as 5 down

## Solution:

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

