## CrossFigure - Challenging Puzzle \#11

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 Forty-four times a prime number
49 across minus 9 down
5 All digits are the same
7 Eight times a prime number
91 across divided by 5 across
10 Mean of 8 down and 4 across
11 A prime number
13 Nine times a prime number
15 Same as 2 down
17 Two-thirds of 4 across
18 Seven times a square

## Down

1 Seven times 5 across
2 A prime number
3 All digits are the same
417 across plus half of 6 down
6 Ninety times a prime number
8 Seven times a prime number
918 across divided by 16 down
12 Thirteen times a prime number
14 Half of 7 across, then subtract 15 across
16 A prime number

## Solution:

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

