## CrossFigure - Challenging Puzzle \#12

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

3 Three times a prime number
6 Mean of 13 down and 9 across
812 down minus 21 down
919 across plus 18 down
11 Twice the result of 7 down minus 3 across
13 Eleven times a prime number
149 down divided by 17 down
15 Four times a prime number
16 Seven times a prime number
17 A prime number
19 Mean of 21 down and 4 down
20 A prime number

## Down

112 down plus 8 across
213 across divided by 20 down
4 Mean of 17 across and 16 across
51 down minus 17 across
610 down plus half of 4 down
7 A prime number
914 across times 20 down
10 Thirty-three times a prime number
12 A prime number
132 down reversed
1713 across divided by 2 down
18 Mean of 5 down and 20 down
206 across minus 1 down
21 Twice the result of 13 down minus 16 across

## Solution:

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

