## CrossFigure - Intermediate Puzzle \#13

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 A prime number
3 A square
5 Three times 23 across
69 down plus 7 across
7 Mean of 7 down and 19 down
96 across minus 7 across
1112 down plus 21 down
135 across minus 4 down
143 down minus 3 across
154 down divided by six
189 down plus half of 20 across
20 Twenty-one times 7 across
22 Mean of 11 down and 1 across
23 Mean of 1 down and 11 down

## Down

14 down divided by four
2 Its digits total 1 across
33 across plus 10 down
4 Mean of 16 down and 3 across
7 Same as 8 down
8 A prime number
9 Mean of 22 across and 16 down
10 Mean of 11 across and 6 across
116 across minus 15 across
1219 down plus 1 down
1611 across plus half of 7 across
1719 down times 21 down
194 down divided by four
2117 down divided by 1 down

## Solution:

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

