## CrossFigure - Intermediate Puzzle \#39

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

114 across times 8 across
5 Twenty-eight times a prime number
64 down reversed
8 Four times a prime number
102 down divided by six
119 down minus half of 13 across
13 Ten times a square
14 Four times a prime number
16 Twenty times a prime number
1712 down times 6 across

## Down

116 down plus 12 down
25 across minus 16 across
3 Three-fourths of 8 across
46 across reversed
5 Six thousand seven hundred forty-two more than 17 across
7 Its digits total 10 across
9 Twice a square
12 Twice a prime number
13 Four times a prime number
15 A prime number
16 Half of 13 down, then subtract 1 down

## Solution:

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

