## CrossFigure - Hard Puzzle \#6

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

126 across minus 9 across
29 across plus 11 down
4 Half of 10 down, then subtract 25 across
62 down minus 9 across
7 Seventy times 26 down
820 down minus half of 21 down
97 across minus 14 down
112 down minus 11 down
13 Mean of 26 down and 38 across
1539 across reversed
17 Twice the result of 23 across minus 6 across
19 Four times a prime number
2211 down reversed
23 Mean of 26 across and 10 down
24 Six times a prime number
2537 across minus 27 across
2622 across minus half of 39 across
27 A cube
292 across plus 1 across
3033 across divided by 35 down
3210 down minus 8 across
33 Two hundred sixty-five more than 7 across
36 Mean of 27 across and 28 down
3715 down minus 16 down
38 Mean of 32 across and 11 down
3929 across plus 2 across

## Down

1 Three times 32 across
218 down minus 4 across
336 across plus 20 down
512 down divided by 11 across
1039 across minus 34 down
1129 across minus 26 across
125 down times 11 down
14 Ninety-two times a prime number
15 Twice a prime number
16 Thirty-four less than 19 across
18 Same as 23 across
2026 across reversed
2113 across divided by three
2236 across plus 2 down
26 Mean of 18 down and 11 across
28 Mean of 22 across and 32 across
29 Twice a prime number
31 Thirty-one times 9 across
343 down minus 18 down
3536 across minus 6 across

## Solution:

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

