## TripleCross - Challenging Puzzle \#29

This puzzle is like a crossword, but with numbers. Each digit occupies a hexagonal cell and can be a part of a "word" in the across, up, and down directions.

## Rules:

1. "Words" may not start with a zero.
2. "Words" in the 'across' direction read from left to right.
3. "Words" in the 'up' direction read along the upward diagonal to the right.
4. "Words" in the 'down' direction read along the downward diagonal to the right.
5. There is one unique solution which satisfies all the clues given below.

6. Some "words" may not have clues. They will be determined by the "words" which intersect them.


| Across | Up | Down |
| :---: | :---: | :---: |
| 1 Forty times 8 across | 47 up divided by ninety-one | 1 Three times a prime number |
| 6 Thirty times a prime number | 7 Seventy times a prime number | 2 A prime number |
| 825 up plus 14 across | 10 A prime number | 3 A prime number |
| 10 Four-fifths of 6 across | 11 A prime number | 5 Twenty-six times a square |
| 128 across divided by three | 1611 up plus half of 9 down | 9 Eight times 12 across |
| 141 across divided by eighty-five | 17 One thousand seven hundred fifteen | 13 A prime number |
| 15 Mean of 1 across and 5 down | more than 19 down | 14 A prime number |
| 20 Half of 25 across, then subtract 10 up | 2326 up times 4 up | 18 One thousand six hundred ninety-one |
| 21 Six times a prime number | 2414 down plus 7 up | less than 16 up |
| 25 One thousand twenty-five less than 11 | 25 Consecutive digits in descending ord | 19 Twice the result of 1 down minus 14 |
| up | 26 Fifteen times a prime number | across <br> 228 across minus half of 25 up |

Solution:


