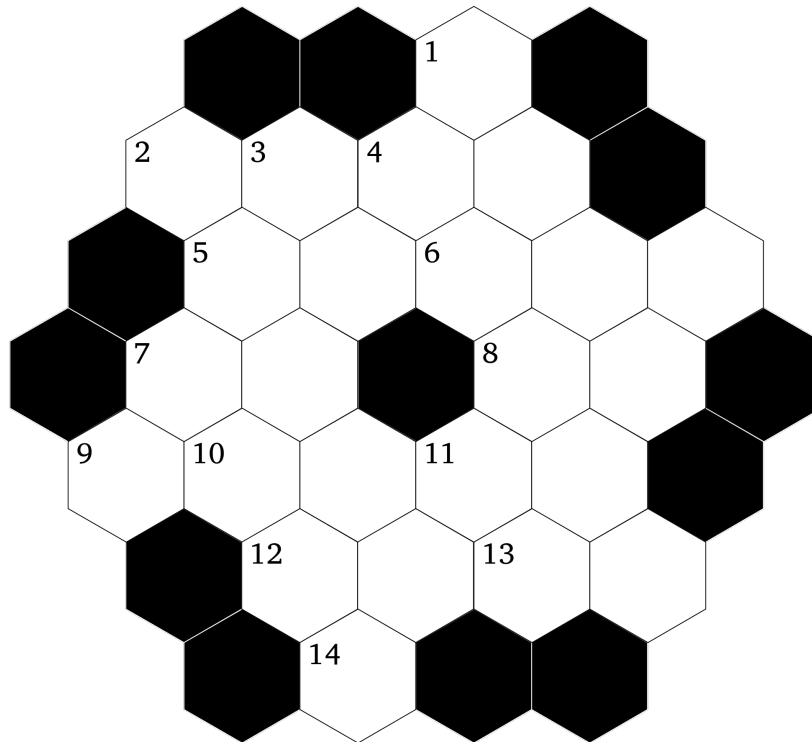# TripleCross - Intermediate Puzzle #62

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

2 Eight times a prime number
5 First two digits are the same as 11 down
7 Sum of digits in 7 down
8 Four-fifths of 12 up
9 Seven times a prime number
12 First, and second digits are the same

Up

6 Six times a prime number
9 Five times a prime number
10 9 across plus half of 2 across
12 Eighteen less than 11 down
13 Three hundred fourteen more than 2 across

Down

1 Seventy times 12 up
2 Eight thousand six hundred eight less than 14 up
3 Mean of 7 across and 11 down
4 14 up plus half of 5 across
7 Twenty-one less than 9 up
11 13 up divided by 6 up

Solution:

Intermediate-62