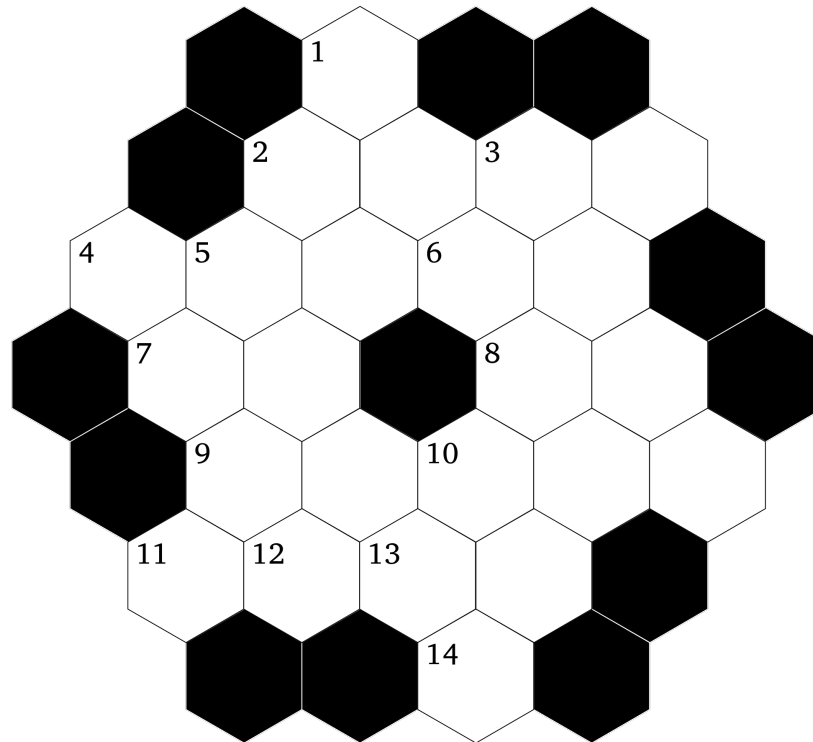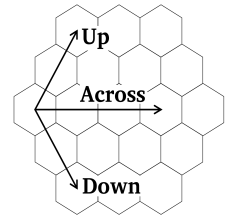# TripleCross - Intermediate Puzzle #4

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** A prime number
**4** Last two digits are the same as 6 up
**7** Four-fifths of 8 across
**8** Ten times a prime number
**11** Seventy times a prime number

## Up

**6** 11 across divided by 8 across
**7** 4 down minus 10 down
**11** Thirty-nine times a prime number
**12** All digits are the same
**13** A prime number
**14** One thousand three hundred twenty-four more than 3 down

## Down

**1** A prime number
**2** Three times a prime number
**3** Twice a prime number
**4** Twenty-eight times a prime number
**5** 4 across minus half of 9 across
**10** Twice a square

**Solution:**