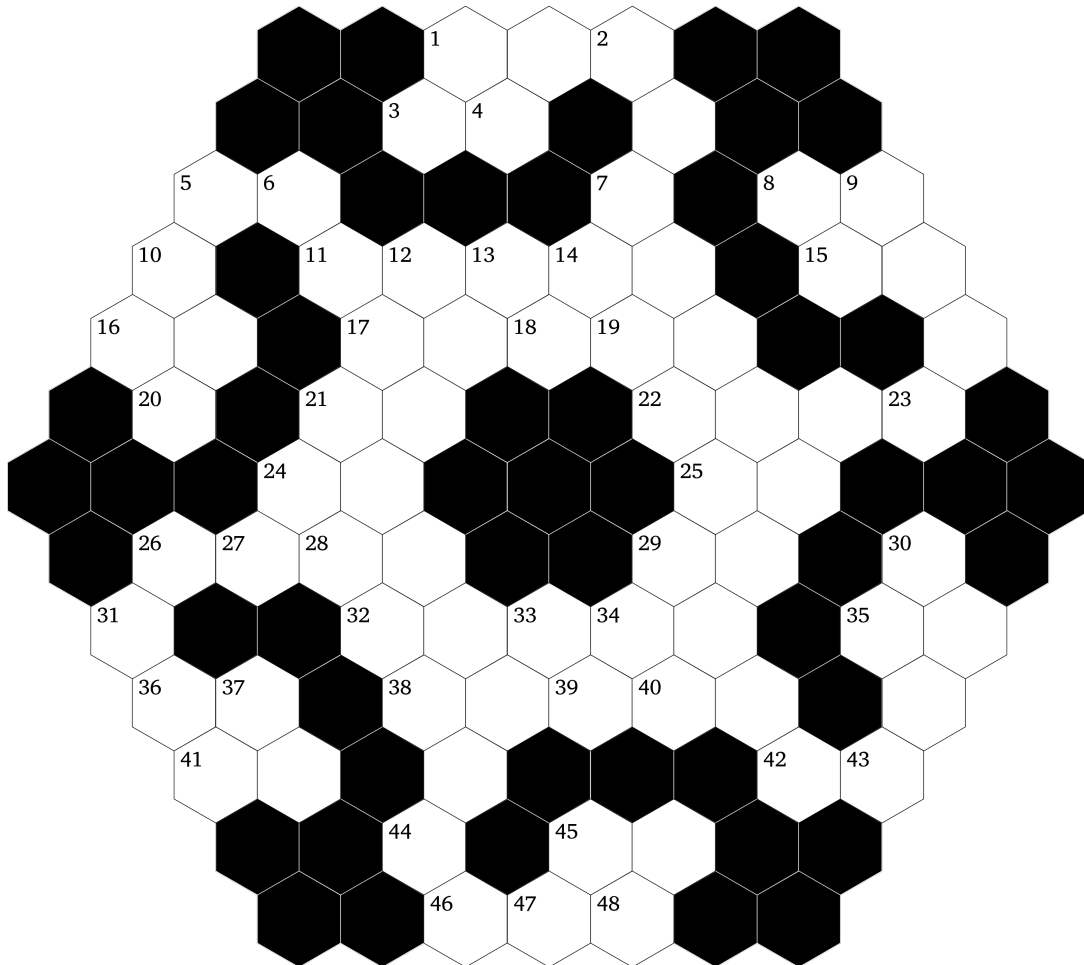
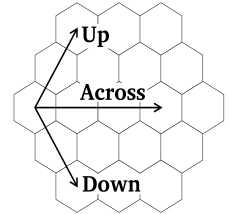


# TripleCross - Hard Puzzle #41

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**

- 1 Six times 32 up  
 3 8 across minus 35 across  
 5 37 down minus 16 down  
 8 Twice the result of 3 up plus 4 up  
 11 Mean of 7 down and 29 down  
 15 A square  
 16 47 up minus 20 up  
 17 44 up times 25 across  
 21 Half of 35 down, then subtract 16 across  
 22 A prime number  
 24 Mean of 38 up and 20 up  
 25 16 down plus 8 down  
 26 22 across minus half of 33 down  
 29 Mean of 10 down and 38 up  
 32 A prime number  
 35 23 up minus 36 across  
 36 A square  
 38 Nine times a prime number  
 41 3 up plus 31 up  
 42 45 down minus 41 across  
 45 8 across minus 16 across  
 46 45 across plus 5 across

**Up**

- 3 1 down reversed  
 4 19 up minus 10 down  
 15 Same as 22 up  
 16 Four times 48 up  
 18 Last two digits are the same as 35 down  
 19 37 down minus 15 across  
 20 Half of 24 across, then subtract 31 up  
 22 35 across minus 41 up  
 23 13 down plus 8 across  
 27 A prime number  
 28 Thirteen times a prime number  
 31 37 down minus 5 across  
 32 Mean of 45 down and 48 up  
 35 Mean of 47 up and 25 across  
 38 8 down plus 41 up  
 39 Eighteen times a prime number  
 40 Six thousand three hundred fifty-four more than 39 up  
 41 33 down minus 35 up  
 43 31 down plus 1 down  
 44 17 across divided by 10 down  
 47 13 down minus 22 up  
 48 9 down divided by 16 down

**Down**

- 1 8 across minus 30 down  
 2 4 up plus 29 across  
 6 24 down divided by 42 across  
 7 Thirty-eight times a prime number  
 8 25 across minus 3 across  
 9 Six times 19 up  
 10 15 across plus 35 down  
 12 35 down plus 30 down  
 13 36 across minus 44 down  
 14 Twenty thousand nine hundred sixty-eight more than 28 up  
 16 10 down minus 8 down  
 21 Half of 40 up, then subtract 1 across  
 24 6 down times 1 down  
 29 One thousand six hundred fourteen less than 18 up  
 30 9 down divided by 22 up  
 31 18 up divided by 34 down  
 33 Mean of 8 down and 37 down  
 34 Mean of 30 down and 37 down  
 35 Mean of 32 up and 36 across  
 37 45 across plus 8 down  
 44 5 across minus 29 across  
 45 41 up plus 4 up

Solution:

