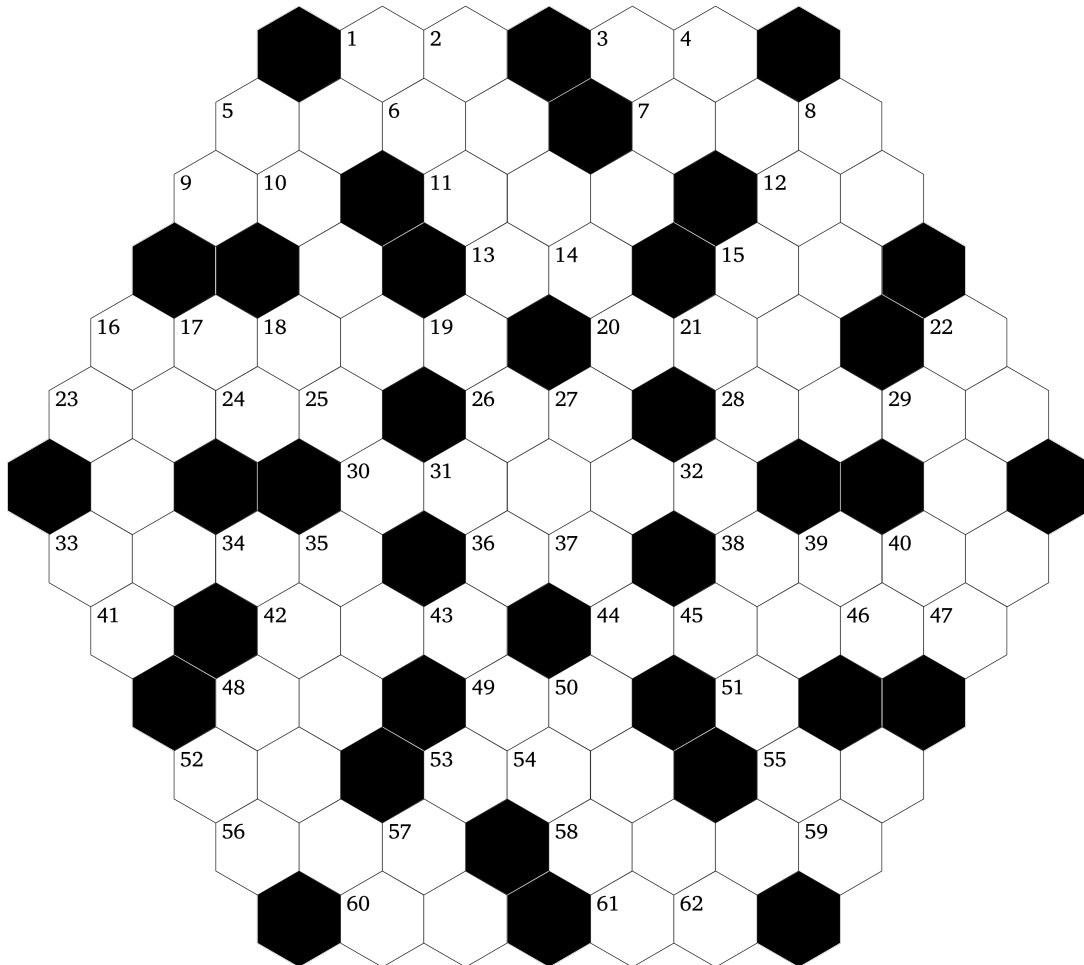
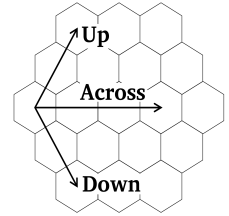


# TripleCross - Hard Puzzle #4

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**

- 1 22 down plus 57 down  
 3 26 across minus 23 up  
 5 5 down minus 36 across  
 7 52 down plus 15 across  
 9 Half of 17 down, then subtract 45 up  
 11 47 up plus 53 across  
 12 54 up minus 49 across  
 13 22 down minus 57 down  
 15 Mean of 20 across and 13 across  
 16 43 down minus 11 across  
 20 12 across plus 59 up  
 23 Mean of 28 across and 36 across  
 26 15 across minus half of 8 down  
 28 45 down minus 12 across  
 30 Four thousand nine hundred less than  
     2 down  
 33 Eight times a prime number  
 36 Mean of 16 down and 17 down  
 38 Rearranged digits of 58 across  
 42 36 across times 9 up  
 44 Last three digits are the same as 10 up  
 48 Twice 33 down  
 49 Mean of 36 across and 1 across  
 52 3 across minus 52 down  
 53 11 across minus 37 up  
 55 31 up reversed  
 56 Four times a prime number  
 58 Eleven times a prime number  
 60 Mean of 15 across and 27 down  
 61 23 up plus 35 down

**Up**

- 6 23 up plus 3 across  
 9 Twice the result of 29 up minus 61 up  
 10 11 across minus 61 across  
 11 32 down minus 59 up  
 14 Mean of 41 up and 58 across  
 19 18 down plus 35 down  
 21 Twice a prime number  
 23 15 across minus 27 down  
 24 Two-thirds of 42 across  
 25 A square  
 29 17 down minus 3 across  
 31 Sum of digits in 30 across  
 32 Six times a prime number  
 33 32 down times 59 up  
 37 Same as 47 up  
 41 11 up minus 61 up  
 43 16 across minus 60 across  
 45 1 across minus 17 down  
 46 Five times a prime number  
 47 31 down plus 17 down  
 51 A square  
 52 A prime number  
 54 Twice the result of 11 across minus 53  
     across  
 56 Twelve times a prime number  
 58 Four times 31 down  
 59 Mean of 45 up and 61 up  
 60 Twice a prime number  
 61 52 down plus 35 down  
 62 54 up plus 7 across

**Down**

- 1 Thirty-five times a prime number  
 2 10 up times 40 down  
 3 54 up minus 23 down  
 4 A prime number  
 5 Twenty-five times a prime number  
 8 9 up plus 17 down  
 15 60 up minus 56 up  
 16 16 across minus 43 up  
 17 Mean of 40 down and 13 across  
 18 Mean of 24 up and 57 down  
 19 Its digits total 35 down  
 21 33 down minus 9 up  
 22 7 across minus half of 39 down  
 23 62 up minus 20 across  
 27 48 down divided by 11 up  
 29 Mean of 56 across and 33 down  
 31 7 across minus 15 across  
 32 17 down plus 61 up  
 33 36 across minus 41 up  
 34 Mean of 19 up and 41 up  
 35 32 down minus 37 up  
 39 Mean of 33 down and 12 across  
 40 32 down minus 23 up  
 43 42 across times 47 up  
 45 14 up minus 51 up  
 48 Eighty-six times a prime number  
 50 Four times a prime number  
 52 29 down minus half of 56 across  
 57 49 across minus 39 down

