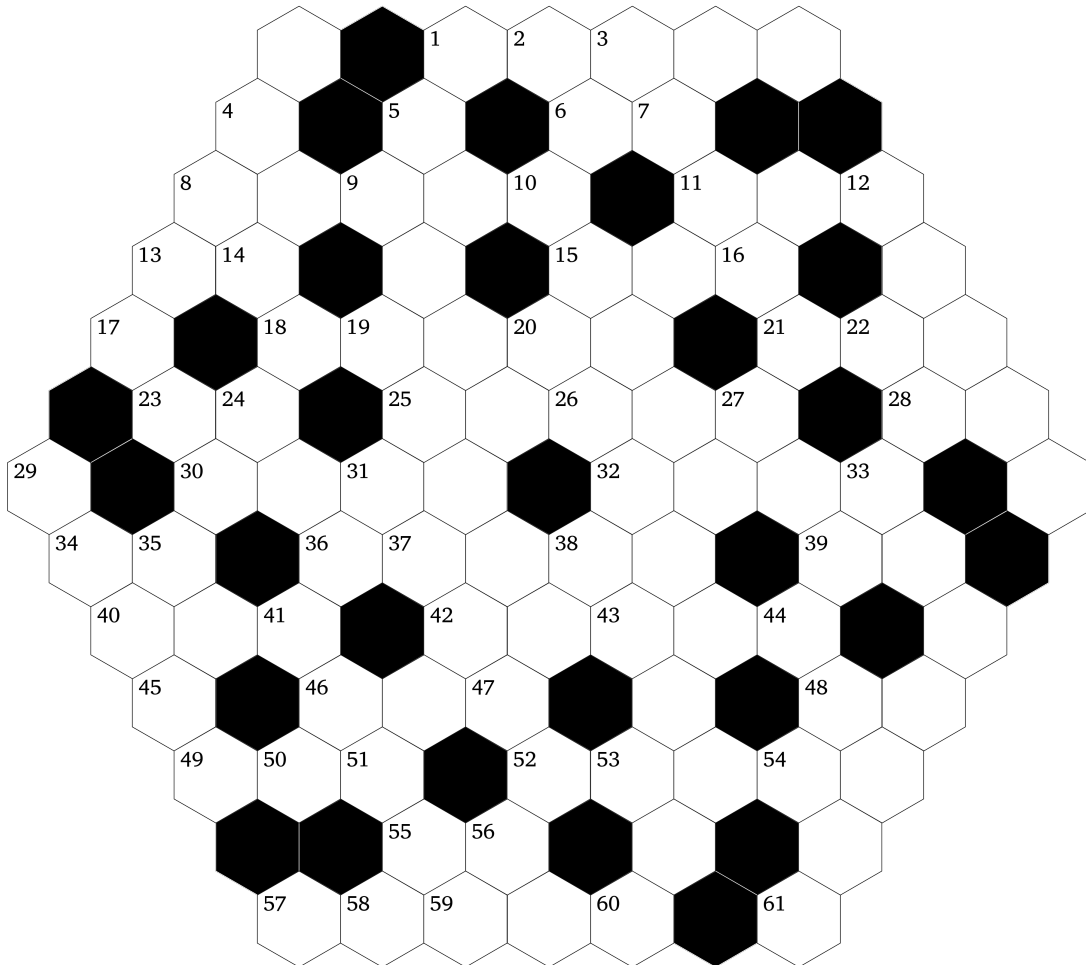
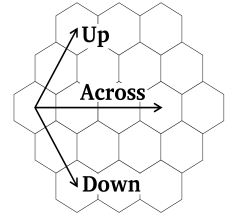


# TripleCross - Hard Puzzle #45

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 Two thousand three hundred forty less than 10 down  
 6 Mean of 50 up and 46 across  
 8 Four times a prime number  
 11 Mean of 19 up and 33 down  
 13 19 up divided by 22 down  
 15 Three times a prime number  
 18 Ten times a prime number  
 21 Five times a prime number  
 23 59 up minus half of 54 up  
 25 Four times a prime number  
 28 22 down plus 50 up  
 30 Last two digits are the same as last two digits of 60 up  
 32 Nineteen times a prime number  
 34 16 up reversed  
 36 Ten times a prime number  
 39 58 up minus 35 down  
 40 53 up plus 4 down  
 42 Twice a prime number  
 46 54 up plus 39 across  
 48 A square  
 49 11 across minus 22 down  
 52 Mean of 38 down and 61 up  
 55 45 up minus 13 across  
 57 Three thousand seven hundred ninety-two more than 44 up

**Up**

- 7 Mean of 48 across and 39 across  
 9 49 across plus half of 5 down  
 10 Mean of 15 across and 55 across  
 14 Mean of 7 up and 59 up  
 16 A square  
 17 Twenty times a prime number  
 19 Mean of 40 across and 49 across  
 22 14 up minus 53 down  
 26 55 across times 54 up  
 37 Twenty-nine times a prime number  
 40 17 up minus 14 up  
 41 Ten times a prime number  
 43 Last two digits are the same as last two digits of 38 down  
 44 Two thousand one hundred fifty-five less than 36 across  
 45 57 across minus 10 down  
 47 One hundred seventy-eight less than 25 across  
 50 14 up minus 55 across  
 51 Five times a square  
 53 19 up plus 45 up  
 54 Mean of 16 up and 59 up  
 58 4 down plus 7 up  
 59 13 across plus 54 up  
 60 44 up minus 12 down  
 61 Three thousand two hundred fifty-one more than 57 across

**Down**

- 2 14 up minus 22 up  
 3 Three thousand one hundred eighty-one less than 37 up  
 4 28 across minus 22 up  
 5 Mean of 59 up and 53 down  
 8 Mean of 40 across and 6 across  
 9 Twenty-six times a prime number  
 10 First two digits are the same as first two digits of 9 up  
 12 Forty-one times a prime number  
 17 Half of 25 across, then subtract 36 across  
 19 11 across times 46 across  
 20 Three times a prime number  
 22 5 down minus 23 across  
 24 Half of 43 up, then subtract 41 up  
 27 Nineteen times a square  
 29 27 down plus half of 61 up  
 31 37 up plus 32 across  
 33 44 down minus 6 across  
 35 46 across minus 5 down  
 38 Four times a prime number  
 41 A prime number  
 44 39 across plus 8 down  
 53 Mean of 58 up and 4 down  
 54 1 across divided by 53 up  
 56 7 up minus 13 across

Solution:

