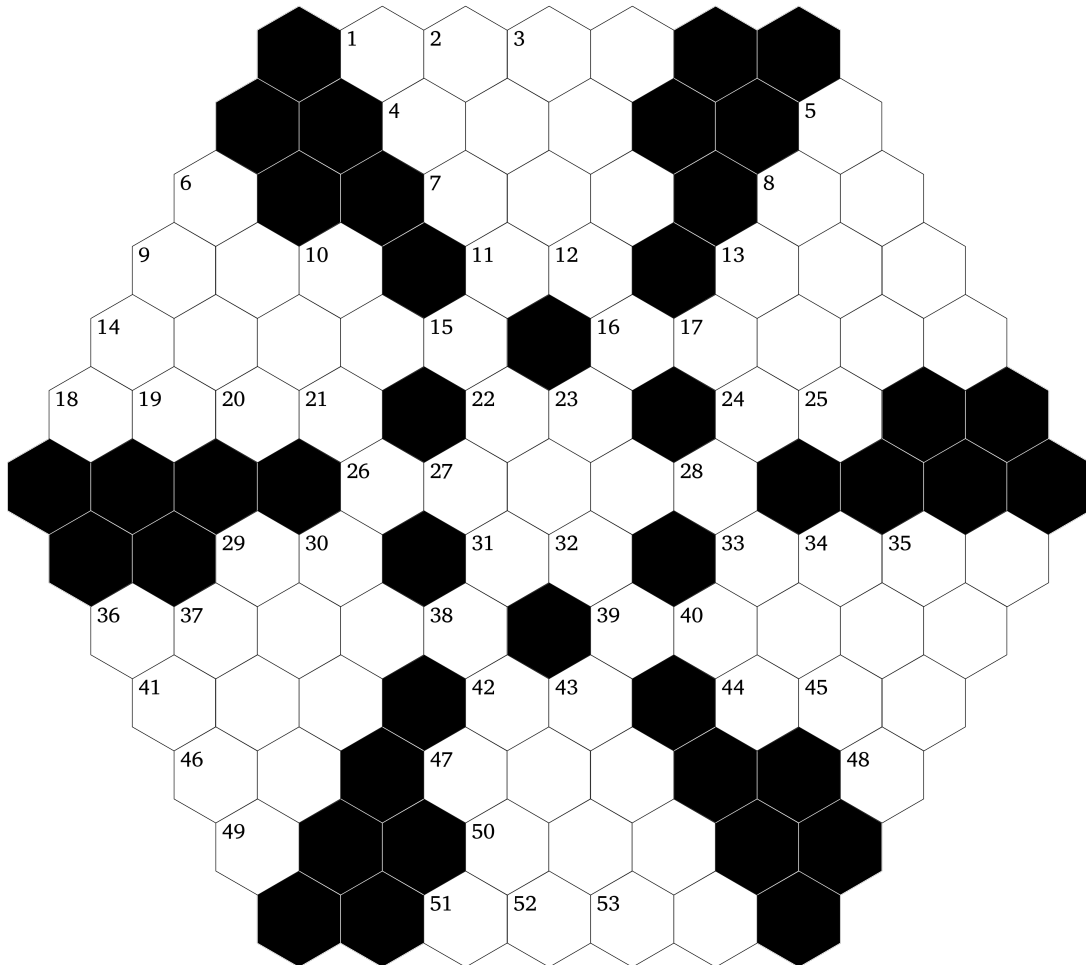
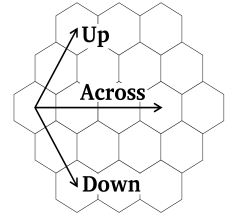


# TripleCross - Hard Puzzle #32

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 Four-fifths of 51 across  
 4 3 down plus 10 down  
 7 Five times 4 up  
 8 Mean of 35 down and 23 down  
 9 19 up plus 29 across  
 11 14 down minus 27 down  
 13 25 up plus half of 7 across  
 14 16 across plus 40 down  
 16 Twice a prime number  
 18 Twelve times a prime number  
 22 41 up divided by twenty-three  
 24 8 across plus 12 up  
 26 38 down plus 47 up  
 29 14 down reversed  
 31 44 up minus 53 up  
 33 A prime number  
 36 Twelve thousand ninety-six less than 15 down  
 39 One thousand seven hundred fourteen more than 16 across  
 41 13 down minus 44 across  
 42 Mean of 14 down and 22 across  
 44 A prime number  
 46 Mean of 21 up and 32 up  
 47 Seven times a prime number  
 50 Nine times 14 down  
 51 Last two digits are the same as 46 across

**Up**

- 4 32 up plus 29 across  
 7 50 across minus 34 down  
 12 Two-thirds of 46 across  
 15 One thousand one hundred ninety less than 15 down  
 17 Forty-six times a prime number  
 18 A prime number  
 19 34 down plus 4 up  
 20 21 up plus 52 up  
 21 Mean of 27 up and 17 down  
 25 37 down plus 9 down  
 27 40 down minus 29 across  
 28 39 across minus 46 up  
 32 44 up divided by three  
 38 Thirty-four times a prime number  
 40 14 across minus 16 across  
 41 Mean of 25 up and 50 across  
 44 14 down plus 17 down  
 45 Thirty-three more than 4 across  
 46 Eighteen thousand two hundred eighty-three less than 14 across  
 47 37 down minus 31 across  
 48 Twenty-three times a prime number  
 49 Two hundred thirty-three more than 52 up  
 51 Two thousand one hundred thirty more than 2 down  
 52 Mean of 47 across and 41 up  
 53 35 down minus 22 across

**Down**

- 1 Twice a prime number  
 2 7 up times 8 across  
 3 Mean of 50 across and 47 across  
 5 48 up plus 41 up  
 6 Twice a prime number  
 8 13 down minus 9 down  
 9 7 up plus 22 across  
 10 44 up minus 21 up  
 13 4 across plus 12 up  
 14 7 across minus 29 down  
 15 Fourteen times a prime number  
 17 Mean of 46 across and 35 down  
 23 15 down divided by 18 up  
 27 Half of 4 across, then subtract 9 across  
 28 Its digits total 11 across  
 29 Thirteen times a prime number  
 30 3 down divided by ten  
 34 Half of 43 down, then subtract 18 across  
 35 29 across plus 46 across  
 36 A square  
 37 Mean of 40 down and 34 down  
 38 26 across minus 31 across  
 40 Mean of 30 down and 24 across  
 43 Six hundred eleven less than 48 up  
 47 49 up minus 35 down

Solution:

