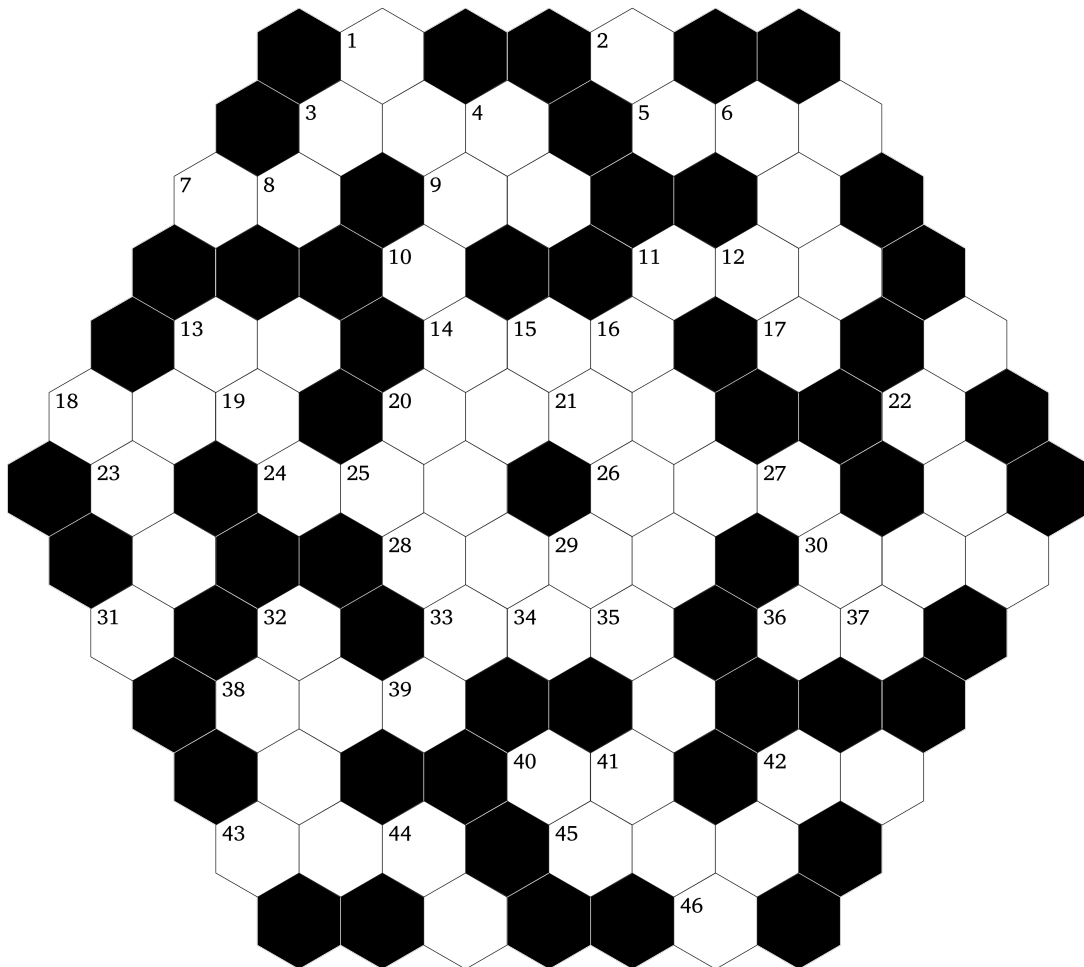
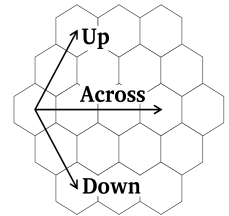


TripleCross - Challenging Puzzle #57

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

- 3 11 across minus 41 down
- 5 Forty-seven times 40 across
- 7 12 down minus 17 up
- 9 38 up plus 40 down
- 11 Mean of 22 down and 16 down
- 13 12 down reversed
- 14 Twenty-five times a prime number
- 18 Mean of 27 down and 41 down
- 20 First two digits are the same as 7 across
- 24 Mean of 35 up and 11 across
- 26 10 down plus 46 up
- 28 A prime number
- 30 45 across minus 40 down
- 33 Six times 22 up
- 36 6 down minus half of 4 down
- 38 Mean of 43 up and 25 down
- 40 38 up minus 7 across
- 42 A square
- 43 Mean of 3 across and 10 down
- 45 11 across minus 2 down

Up

- 8 32 down plus 25 up
- 10 Mean of 19 up and 25 down
- 12 A prime number
- 17 Same as 31 up
- 19 Half of 24 across, then subtract 25 down
- 21 30 across plus 10 up
- 22 13 across plus 32 down
- 23 Half of 33 across, then subtract 32 down
- 25 2 down plus 10 down
- 28 Twice a prime number
- 31 38 across divided by seven
- 34 Twice a square
- 35 46 up minus 37 up
- 36 Mean of 10 down and 7 across
- 37 38 down minus 12 down
- 38 Mean of 42 across and 9 across
- 39 20 down divided by 42 across
- 43 Mean of 41 down and 21 up
- 45 12 up minus 40 across
- 46 Seventy-one times 40 across

Down

- 1 Mean of 21 up and 31 up
- 2 Mean of 17 up and 13 across
- 4 41 down minus 19 up
- 6 10 up minus 38 up
- 10 2 down plus 41 down
- 12 19 up reversed
- 13 Mean of 25 down and 21 up
- 15 A prime number
- 16 Five times 41 down
- 18 43 up minus 8 up
- 20 Sixteen times a prime number
- 22 Half of 34 up, then subtract 20 across
- 25 30 across minus 29 down
- 27 A prime number
- 29 Twice 18 down
- 32 22 up minus 19 up
- 38 35 up minus 22 up
- 40 37 up divided by eighteen
- 41 Mean of 18 down and 40 across
- 44 37 up minus 8 up

Solution:

