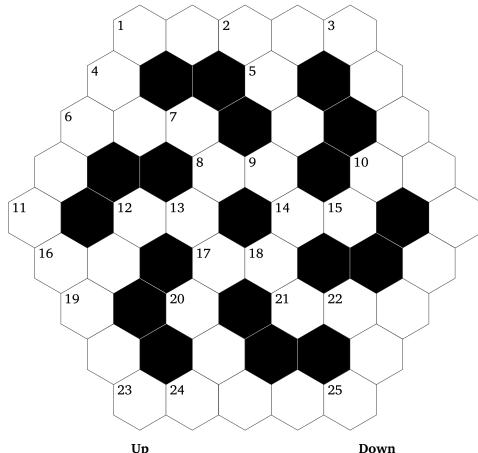
# TripleCross - Challenging Puzzle #23

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** Eight thousand five hundred sixty less than 25 up
- **6** Twice a prime number
- 8 Half of 22 down, then subtract 9 up
- 10 Half of 3 down, then subtract 23 across
- **12** 19 up minus half of 24 up
- 14 15 up minus 6 across
- **16** Four times a prime number
- **17** All digits are the same
- 21 Consecutive digits unordered
- **23** Fifty-three times a prime number

## Up

- **5** 8 across plus 13 up
- **9** 24 up minus 13 up

11 Mean of 25 up and 5 up

- **13** 19 up minus 18 down
- **15** Nine times a prime number
- 18 Mean of 17 across and 20 up
- 19 A prime number
- **20** All digits are the same
- **24** A square
- **25** Six times a prime number

20 Fifty-one times 13 down 22 9 down reversed

**3** A palindrome

across

7

**4** 5 up minus 13 down

16 across plus 8 across

**9** Mean of 24 up and 8 across

13 21 across divided by 7 down

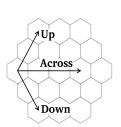
Challenging-23

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2 Consecutive digits in ascending order

**11** Half of 1 across, then subtract 16

18 Mean of 17 across and 14 across



Difficulty:

# Solution:

