

Difficulty: ☆☆☆☆☆

Cross Figure - Beginner Puzzle #7

This puzzle is like a crossword, but with numbers. Each digit occupies a square and can be a part of a "word" in the across and down directions.

Rules:

- "Words" may not start with a zero.
- "Words" read from left to right and top to bottom.
- There is one unique solution which satisfies all the clues given below.
- Some "words" may not have clues. They will be determined by the "words" which intersect them.

| | | | | | | |
|----|----|----|----|----|----|----|
| 1 | 2 | | 3 | | 4 | 5 |
| | | | | | | 3 |
| 6 | | | | | 7 | |
| | | 8 | | 9 | | |
| 10 | | | | 11 | 8 | |
| | | 12 | 13 | | | |
| | | 6 | | | | |
| 14 | 15 | | 5 | | 16 | 17 |
| 18 | | | | | 19 | |

Across

- 18 across minus 14 down
- 15 down plus 16 down
- Consecutive digits in descending order
- Half of 1 down, then subtract 16 down
- Twelve times a prime number
- Half of 8 across, then subtract 15 down
- Mean of 8 down and 16 across
- Mean of 9 down and 13 down
- Same as 1 down
- A square
- 19 across plus 14 down
- 17 down minus 1 down
- 14 across minus 2 down

Down

- Mean of 15 down and 16 across
- 1 down minus 5 down
- 2 down plus 4 across
- 7 across plus 15 down
- 14 across minus 2 down
- Twice a prime number
- Fifty-two times 16 across
- Four times a prime number
- A square
- 19 across plus 14 down
- 17 down minus 1 down
- A prime number

Solution:

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | 1 | | 1 | | 9 | 3 |
| 8 | 7 | | 1 | | 1 | 1 |
| | | 7 | 0 | 8 | | |
| 2 | 7 | 4 | | 3 | 8 | 1 |
| | | 6 | 4 | 2 | | |
| 4 | 8 | | 5 | | 1 | 6 |
| 9 | 0 | | 2 | | 3 | 1 |