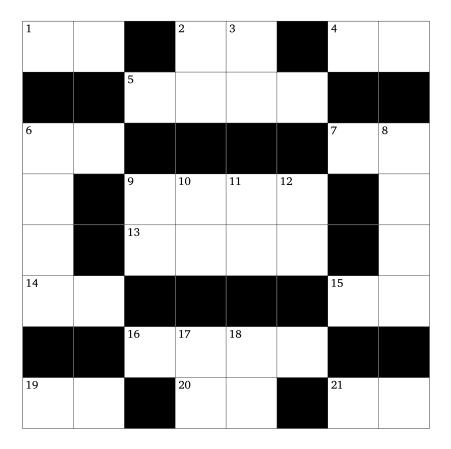
Difficulty: ★★☆☆☆

CrossFigure - Challenging Puzzle #43

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:

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



Across

- **1** A square
- **2** Mean of 18 down and 12 down
- **4** 1 across minus 2 across
- **5** Mean of 6 down and 2 down
- 6 Same as 4 across
- 7 9 across divided by 19 across
- **9** 16 across minus 9 down
- **13** Twice a prime number
- 14 20 across plus 4 across
- **15** 8 down divided by 21 across
- **16** Seventeen times a prime number
- **19** A square
- **20** 14 across minus 6 across
- $\mathbf{21} \,\, 9 \text{ across divided by forty-two}$

Down

- **2** 7 across minus 9 down
- **3** 19 across minus 9 down
- 6 Three hundred forty-eight more than 16 across
- 8 One thousand two hundred fifty-two more than 13 across
- **9** 10 down minus 19 across
- **10** 15 across minus 3 down
- **11** Mean of 4 across and 3 down
- 12 16 across minus half of 13 across
- **17** A prime number
- 18 Mean of 11 down and 10 down

Solution:

| 8 | 1 | | 4 | 1 | | 4 | 0 |
|---|---|---|---|---|---|---|---|
| | | 2 | 1 | 2 | 4 | | |
| 4 | 0 | | | | | F | 8 |
| 2 | | 3 | 8 | 2 | 2 | | ٩ |
| 0 | | F | 6 | 6 | 6 | | 1 |
| 7 | 6 | | | | | ٩ | 8 |
| | | 3 | 8 | 5 | ٩ | | |
| 4 | ٩ | | 3 | 6 | | ٩ | 1 |