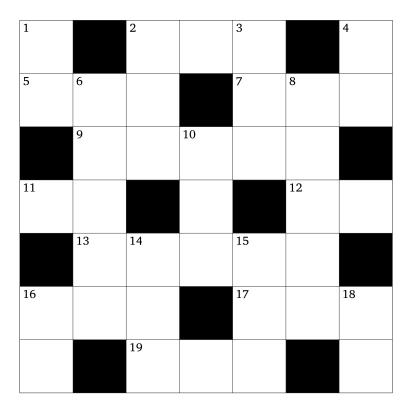


# **CrossFigure - Challenging Puzzle #40**

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

- **2** Twice a prime number
- **5** 17 across reversed
- **7** 14 down minus 12 across
- **9** Its digits total 11 across
- **11** Square root of 10 down
- 12 11 across minus 18 down
- **13** Forty-one times a prime number
- 16 2 across minus 4 down
- **17** 5 across reversed
- 19 Twice the result of 15 down minus 18 down

### **Down**

- 1 Mean of 4 down and 7 across
- **2** Five times a prime number
- **3** Mean of 2 down and 1 down
- 4 A square
- **6** Seventy-seven times a prime number
- **8** A prime number
- **10** A square
- **14** Six times 11 across
- 15 Consecutive digits unordered
- **16** 6 down divided by 17 across
- 18 3 down divided by thirty-eight

# **Solution:**

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