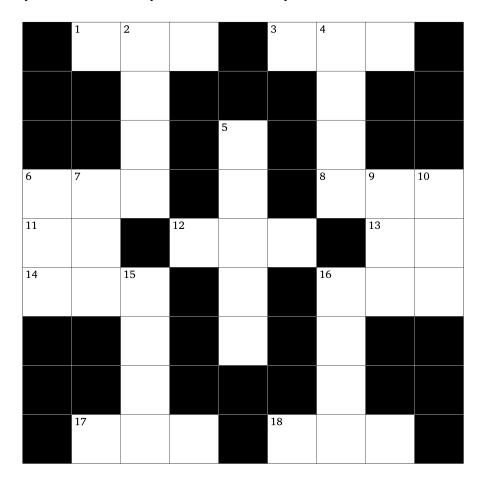


# **CrossFigure - Intermediate Puzzle #11**

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** 7 down plus 3 across
- **3** Twice a prime number
- **6** Mean of 11 across and 17 across
- **8** Twenty-nine times 11 across
- **11** A prime number
- **12** 18 across minus 14 across
- 13 2 down divided by 1 across
- **14** Eleven times a prime number
- **16** 16 down minus 17 across
- 17 Rearranged digits of 8 across **18** Eighty times 13 across

## Down

- 2 Seven times 18 across
- **4** Seventy-two times a prime number
- **6** 5 down divided by 7 down
- **7** Six times a prime number
- 9 Mean of 8 across and 10 down
- 10 Nine times a prime number
- **15** Twice the result of 4 down plus 3 across
- **16** Twice a prime number

# **Solution:**

|   | 5 | 6 | 0 |   | 4 | 4 | 6 |   |
|---|---|---|---|---|---|---|---|---|
|   |   | 7 |   |   |   | 2 |   |   |
|   |   | 2 |   | 6 |   | 4 |   |   |
| 5 | 1 | 0 |   | 1 |   | 8 | ٩ | 9 |
| 3 | 1 |   | 3 | 1 | 1 |   | 1 | 2 |
| 6 | 4 | 9 |   | 0 |   | 1 | 3 | 7 |
|   |   | 3 |   | 4 |   | 1 |   |   |
|   |   | 8 |   |   |   | 2 |   |   |
|   | ٩ | 8 | 9 |   | ٩ | 6 | 0 |   |