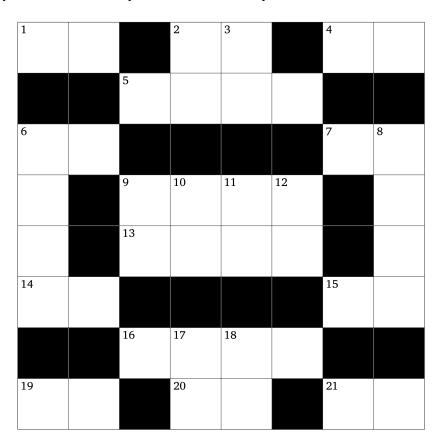


# **CrossFigure - Challenging Puzzle #43**

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
- 21 9 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					7	8
2		3	8	2	2		9
0		f	6	6	6		1
Ŧ	6					9	8
		3	8	5	9		
4	9		3	6		9	1