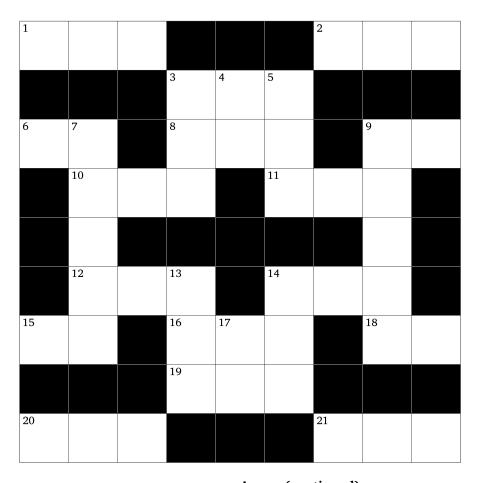


# **CrossFigure - Challenging Puzzle #19**

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 Five times a prime number
- 2 12 across minus half of 6 across
- **3** A prime number
- 6 Mean of 4 down and 9 across
- **8** A prime number
- **9** 20 across divided by seventy-five
- 10 11 across minus half of 20 across
- 11 20 across minus 17 down
- 12 Mean of 20 across and 18 across
- 14 Twice the result of 3 across plus 18 across
- **15** A prime number
- **16** Rearranged digits of 5 down
- **18** Twice a square

## Across (continued)

- 19 3 down minus 9 across
- **20** A square
- **21** One hundred fifty-six less than 1 across

#### Down

- 3 Mean of 15 across and 10 across
- **4** Four times a prime number
- **5** 1 across minus 8 across
- **7** Seventy-three times a prime number
- **9** Mean of 7 down and 21 across
- 13 A prime number
- 14 Mean of 13 down and 16 across
- **17** A prime number

## **Solution:**

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