

# CrossFigure - Challenging Puzzle #16

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:**

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

1										2
3							4			
				5		6				
7	8	9				10		11	12	
13								14		
15	16			17		18		19	20	21
22						23				
				24						
25							26			

**Across**

- 3 One thousand eight hundred thirteen more than 25 across
- 4 Three times a prime number
- 5 24 across divided by eight
- 7 Eighty-five times 24 across
- 10 Nine thousand one hundred thirty-seven more than 1 down
- 13 24 across minus 19 across
- 14 7 across divided by 5 across
- 15 Eleven times 16 down
- 19 A prime number
- 22 Three times a prime number
- 23 Twice the result of 22 across plus 4 across
- 24 Thirty-two times a prime number
- 25 Twelve times a prime number
- 26 Nineteen times a square

**Down**

- 1 Mean of 11 down and 6 down
- 2 Mean of 10 across and 25 across
- 5 Twice a prime number
- 6 A prime number
- 8 15 across minus 20 down
- 9 21 down plus half of 26 across
- 11 Seven thousand five hundred ninety-five less than 7 across
- 12 Two-thirds of 8 down
- 15 5 down times 15 across
- 16 14 across divided by 20 down
- 17 3 across divided by eleven
- 18 8 down plus 14 across
- 20 Four times a prime number
- 21 A prime number

Solution:

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