

CrossFigure - Intermediate Puzzle #50

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	

Across

- 4 13 across plus 15 across
- 6 14 down divided by 8 across
- 7 Mean of 11 across and 6 across
- 8 2 down minus 11 down
- 9 Mean of 16 across and 4 across
- 10 11 down divided by five
- 11 Mean of 8 across and 7 across
- 13 A prime number
- 15 A prime number
- 16 Mean of 11 across and 4 across

Down

- 1 13 across times 15 across
- 2 9 across plus 3 down
- 3 A cube
- 5 Forty-seven times a prime number
- 6 Its digits total 6 across
- 11 Seven times a square
- 12 9 across times 7 across
- 14 Twice the result of 3 down minus 10 across

Solution:

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