

Difficulty: ☆☆☆☆☆

Cross Figure - Beginner Puzzle #47

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.

	1	2						3		
4				5	8		6			7
				8	9				9	
5			10	8		9	9			
	11	5	12	2				13	14	4
	15	1	4	1		16				
	17				18			19		
20			21	22		23	3	4		24
		25		26	4			27		2
		9				2		4		
	28	3						29		

Across

- 1 Same as 19 across
- 3 A prime number
- 8 A prime number
- 10 Nineteen times a square
- 11 Four times a prime number
- 13 20 down minus 22 down
- 15 Thirteen times a prime number
- 16 8 across plus half of 9 down
- 17 Three times a prime number
- 19 Four times a prime number
- 21 Twice a prime number
- 26 Mean of 6 down and 17 across
- 28 10 across minus half of 21 across
- 29 11 down minus 14 down

Down

- 2 A prime number
- 3 Thirteen times a prime number
- 4 Mean of 3 down and 29 across
- 5 8 across minus 17 across
- 6 2 down minus half of 1 across
- 7 Fourteen times a prime number
- 9 Thirty-four times 3 across
- 11 15 across minus 5 down
- 12 Half of 13 down
- 13 17 across plus half of 20 down
- 14 27 down plus half of 7 down
- 18 Consecutive digits unordered
- 20 Consecutive digits unordered
- 22 15 across minus 18 down
- 23 Sixty-three more than 3 down
- 24 Mean of 23 down and 25 down
- 25 Four times a prime number
- 27 First two digits are the same as first two digits of 16 across

Solution:

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