

CrossFigure - Challenging Puzzle #23

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			27
			28					

Across

- 2 Mean of 10 down and 19 across
- 6 16 across plus 2 down
- 7 27 down minus 2 down
- 9 14 down minus 13 across
- 11 10 down divided by ten
- 13 25 down plus half of 15 across
- 15 A square
- 16 Five times a prime number
- 17 2 down plus 18 across
- 18 Mean of 5 down and 27 down
- 19 Mean of 15 across and 24 down
- 21 19 across plus 8 down
- 23 Mean of 18 across and 11 across
- 25 A square
- 28 Six times 26 down

Down

- 1 Mean of 4 down and 9 across
- 2 11 across minus 19 across
- 3 23 across plus 5 down
- 4 Twice the result of 18 across minus 1 down
- 5 20 down minus 24 down
- 8 14 down minus half of 17 across
- 9 27 down minus 9 across
- 10 Mean of 13 down and 27 down
- 12 9 across plus half of 22 down
- 13 A prime number
- 14 7 across plus 25 down
- 18 12 down minus 5 down
- 20 18 down plus 2 down
- 22 Mean of 6 across and 9 across
- 24 21 across minus 18 down
- 25 24 down plus 1 down
- 26 7 across plus 19 across
- 27 22 down minus 14 down

Solution:

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