

CrossFigure - Challenging 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:

- "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			

Across

- 1 5 across plus 14 across
- 3 Seven times a prime number
- 5 Mean of 8 across and 2 down
- 6 Six times 12 across
- 8 18 down divided by 12 across
- 9 26 across divided by 7 down
- 11 5 across minus half of 14 across
- 12 22 across plus 9 across
- 13 8 across minus 16 across
- 14 Half of 9 across
- 15 Mean of 13 across and 17 across
- 16 A square
- 17 23 down plus 2 down
- 19 22 across minus 7 down
- 21 2 down minus 24 down
- 22 Two-fifths of 2 down
- 23 16 down minus 3 across
- 25 26 across divided by twenty-one
- 26 9 across times 23 down
- 27 Fourteen times 25 across

Down

- 1 Twenty-two times a prime number
- 2 1 across minus 25 across
- 3 8 across plus 20 down
- 4 Twenty-nine times 23 across
- 7 5 across minus 13 across
- 10 Four times a prime number
- 11 10 down plus 6 across
- 16 Fourteen times 5 across
- 18 Eighty-six times a prime number
- 20 22 across minus half of 24 down
- 23 14 across minus 16 across
- 24 Mean of 23 down and 9 across

Solution:

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