

Difficulty: ★★☆☆☆

CrossFigure - Challenging Puzzle #49

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

- 1 Fifteen times 20 down
- 3 18 across minus 24 across
- 6 Mean of 7 down and 20 down
- 7 9 across reversed
- 9 Half of 3 across
- 10 11 down minus 26 down
- 12 5 down plus 7 down
- 14 Eight times a prime number
- 17 25 across times 25 down
- 18 Four times 6 across
- 19 7 across times 16 down
- 22 15 down minus 12 down
- 24 22 across minus 13 down
- 25 9 across minus 23 down
- 27 21 down plus 1 across
- 28 Mean of 27 across and 1 across

Down

- 1 7 down minus 25 across
- 2 22 down plus 25 across
- 4 19 across divided by 16 down
- 5 Mean of 7 across and 12 down
- 7 Mean of 22 down and 15 down
- 8 11 down minus 10 across
- 10 Twice a prime number
- 11 Twice a prime number
- 12 A square
- 13 A cube
- 15 Mean of 7 across and 26 down
- 16 12 across minus 24 across
- 20 7 across minus 1 down
- 21 16 down plus 12 down
- 22 Same as 22 across
- 23 Mean of 22 down and 6 across
- 25 12 across divided by five
- 26 Mean of 9 across and 15 down

Solution:

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