

CrossFigure - Challenging Puzzle #14

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	

Across

- 1 Mean of 5 down and 1 down
- 2 A square
- 3 Mean of 2 across and 5 down
- 7 10 across times 3 across
- 10 23 across plus 19 down
- 12 13 across plus 10 down
- 13 23 across minus 13 down
- 15 18 across divided by 21 down
- 16 14 down minus 6 down
- 17 Half of 16 across, then subtract 20 down
- 18 15 across times 24 across
- 22 11 down minus 19 down
- 23 16 across minus 1 across
- 24 Twice the result of 23 across plus 1 across

Down

- 1 12 across minus 4 down
- 4 12 across minus 22 across
- 5 Mean of 13 down and 1 across
- 6 7 across divided by 10 across
- 8 One thousand three hundred two more than 18 across
- 9 Twelve times a prime number
- 10 15 across minus 5 down
- 11 18 down minus 17 across
- 13 15 across minus 14 down
- 14 18 down plus half of 13 across
- 18 24 across minus 1 across
- 19 Mean of 4 down and 20 down
- 20 23 across minus 13 across
- 21 Six times 1 down

Solution:

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