

Difficulty: ★★★★★

Cross Figure - Hard Puzzle #26

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			6	7	8
9			10	11		12			13		14
					15						
		16		17				18		19	
	20		21		22			23	24		25
				26			27				
28				29				30	31		32
				33				34			
	35		36						37		38
	39	40		41		42		43		44	
45				46				47			48
						49	50				
51	52		53			54		55			56
57					58					59	

Across

- 1 44 down plus 57 across
- 3 13 down plus 35 down
- 6 58 across minus 49 across
- 9 A square
- 10 1 down divided by sixty-six
- 12 Mean of 18 across and 24 down
- 13 Mean of 16 down and 33 across
- 14 Twice the result of 58 across minus 50 down
- 15 Mean of 34 across and 31 down
- 17 Mean of 19 down and 13 across
- 18 Twice the result of 56 across minus 29 down
- 20 43 down minus 38 down
- 22 14 across minus 51 across
- 23 Consecutive digits unordered
- 29 Mean of 54 across and 52 down
- 30 A square
- 33 56 down minus 22 across
- 34 42 across minus 7 down
- 39 First two digits are the same as 21 down
- 42 9 across plus 34 across
- 43 Mean of 20 across and 39 across
- 46 51 across minus 34 across
- 47 11 down divided by 28 down
- 49 36 down plus 55 across
- 51 48 down divided by 42 across
- 53 30 across plus 31 down
- 54 30 across plus 22 across
- 55 Mean of 19 down and 51 across
- 56 Mean of 49 across and 59 across
- 57 40 down plus 5 down
- 58 Ten times a prime number
- 59 56 down plus half of 34 across

Down

- 1 Mean of 23 across and 53 across
- 2 3 across minus 13 down
- 4 Twice the result of 57 across plus 10 across
- 5 Mean of 1 across and 25 down
- 7 A square
- 8 Last two digits are the same as 28 down
- 11 28 down times 55 across
- 13 3 across minus 25 down
- 16 Mean of 59 across and 29 across
- 19 32 down minus 28 down
- 20 Mean of 49 across and 21 down
- 21 19 down plus 24 down
- 24 Twice the result of 2 down minus 46 across
- 25 Mean of 29 across and 33 across
- 26 Sixty-four times 18 across
- 27 Twice the result of 8 down plus 6 across
- 28 Mean of 14 across and 44 down
- 29 Mean of 20 down and 24 down
- 31 40 down minus 51 across
- 32 44 down plus 46 across
- 35 Mean of 51 across and 30 across
- 36 Mean of 44 down and 37 down
- 37 24 down minus 12 across
- 38 26 down divided by 55 across
- 40 Mean of 16 down and 32 down
- 41 Half of 43 down, then subtract 45 down
- 43 43 across minus 15 across
- 44 33 across minus 19 down
- 45 Thirty-one times a prime number
- 48 51 across times 29 down
- 49 Ten times 49 across
- 50 32 down plus 49 down
- 52 47 across plus 18 across
- 56 7 down plus 36 down

Solution:

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