

# CrossFigure - Hard 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:**

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						60			61	

**Across**

- 1 54 down minus half of 51 across
- 2 58 across plus 39 across
- 4 55 down plus 49 across
- 5 30 down minus 34 down
- 8 34 down plus 22 down
- 11 Mean of 32 across and 56 across
- 13 A square
- 14 Three times 54 down
- 16 Mean of 42 down and 4 down
- 17 18 across plus 38 down
- 18 60 across minus 33 down
- 19 60 across minus 31 down
- 21 35 across times 18 across
- 23 17 across minus 29 down
- 24 29 down plus 4 down
- 25 Twice the result of 50 across minus 39 across
- 26 3 down plus 38 down
- 28 17 across plus half of 58 across
- 32 48 down plus 3 down
- 35 21 across divided by 59 across
- 36 37 across minus 54 down
- 37 56 across times 31 down
- 39 53 across minus 20 down
- 41 43 across plus 49 across
- 43 Twice the result of 53 across minus 57 down
- 45 42 down cubed
- 46 30 down minus half of 20 down
- 47 Half of 4 across, then subtract 34 down
- 49 20 down minus 3 down
- 50 A square
- 51 26 across plus 33 down
- 52 32 across minus 51 down
- 53 Mean of 15 down and 3 down
- 56 57 down plus 46 across
- 58 Half of 43 across
- 59 48 down divided by 34 down
- 60 Mean of 30 down and 24 across
- 61 Twice the result of 41 across minus 8 across

**Down**

- 1 Twice a prime number
- 3 4 down minus 61 across
- 4 24 across minus half of 49 across
- 6 58 across times 39 across
- 7 50 down minus 2 across
- 8 Twenty-eight times a prime number
- 9 Last two digits are the same as 17 across
- 10 6 down minus 23 across
- 12 Mean of 1 down and 59 across
- 15 Mean of 17 across and 51 across
- 20 16 across plus 5 across
- 22 Mean of 19 across and 60 across
- 24 55 down times 5 across
- 27 Consecutive digits unordered
- 28 50 across minus 13 across
- 29 53 across minus 43 across
- 30 Mean of 42 down and 4 down
- 31 33 down minus 3 down
- 33 A square
- 34 26 across minus 41 across
- 38 1 across plus 58 across
- 39 14 across times 13 across
- 40 Sixty-four times a prime number
- 42 12 down minus 15 down
- 44 10 down minus 39 across
- 46 49 across plus 41 across
- 48 Mean of 7 down and 2 across
- 50 36 across plus half of 15 down
- 51 14 across minus 46 down
- 54 Six times 47 across
- 55 A square
- 57 46 down minus 23 across

**Solution:**

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