

# CrossFigure - Hard 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:**

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	

**Across**

- 1 8 down minus 32 down
- 3 Mean of 7 down and 7 across
- 5 35 across minus 7 down
- 7 32 down plus 28 across
- 9 A prime number
- 10 23 down times 6 down
- 11 5 down minus 16 down
- 12 14 down plus 40 across
- 15 Twice the result of 30 across minus 2 down
- 19 46 down plus 33 down
- 20 14 down minus half of 19 across
- 22 2 down plus 7 down
- 24 3 across plus 34 across
- 26 Four times a prime number
- 28 Mean of 1 across and 33 down
- 29 34 across plus 26 down
- 30 37 across minus 49 across
- 31 5 across plus 36 down
- 32 1 across minus 47 down
- 34 41 across divided by 39 across
- 35 Twice the result of 49 across plus 32 down
- 37 9 across minus 38 down
- 39 Sixty times a prime number
- 40 Ninety-eight times 51 across
- 41 Fourteen thousand three hundred thirty-one more than 10 across
- 44 Ninety-eight times a prime number
- 48 29 across minus 13 down
- 49 2 down minus 32 across
- 50 Mean of 7 across and 7 down
- 51 Mean of 28 across and 43 down

**Down**

- 1 8 down minus 16 down
- 2 Mean of 28 across and 5 across
- 3 17 down reversed
- 4 Twice the result of 11 across minus 16 down
- 5 28 down plus half of 40 across
- 6 A square
- 7 40 across divided by ninety-eight
- 8 18 down minus half of 12 across
- 13 31 across minus 25 down
- 14 24 across reversed
- 16 35 across minus 48 across
- 17 A square
- 18 Twenty-five times a prime number
- 20 Three times a prime number
- 21 Fifty-six times a prime number
- 23 10 across divided by 28 down
- 25 Three times 17 down
- 26 Mean of 35 down and 50 across
- 27 31 across minus 17 down
- 28 A square
- 32 A square
- 33 26 down minus 3 down
- 35 8 down minus 16 down
- 36 32 down plus 51 across
- 38 Twice a prime number
- 39 26 across minus half of 47 down
- 41 Mean of 48 across and 31 across
- 42 Four times 34 across
- 43 1 across minus 32 across
- 45 Mean of 17 down and 22 across
- 46 Mean of 25 down and 3 across
- 47 Mean of 41 down and 6 down

**Solution:**

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