

Difficulty: ☆☆☆☆☆

Cross Figure - Beginner Puzzle #43

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	5	4	5		6	3					7	8	1
9	6			10					11				
				12				13					
	14	9	15		16	17	18	5	19		20	4	21
	22		1		23	3					24		
				25					26				
				27	7				28		0		
29	30	31	3						32	33	34	35	
36		8			37						38		8
8													

Across

- 3 Rearranged digits of 7 across
- 6 Twice the result of 16 across plus 18 down
- 7 Five times 17 down
- 9 Twenty-nine times a prime number
- 11 Eleven times a prime number
- 12 35 down divided by 17 down
- 13 29 down minus 34 down
- 14 Mean of 25 down and 8 down
- 16 Twice a prime number
- 20 16 down plus half of 21 down
- 22 Mean of 8 down and 21 down
- 23 A prime number
- 24 Twice the result of 35 down minus 2 down
- 27 28 across plus 17 down
- 28 25 down divided by seventeen
- 29 Ten times a prime number
- 32 Mean of 11 across and 19 down
- 36 Six times 20 across
- 37 Eighty-five times 10 down
- 38 Four times a prime number

Down

- 1 11 down plus half of 12 across
- 2 A prime number
- 4 Half of 14 down, then subtract 15 down
- 5 7 across minus half of 26 down
- 7 Mean of 28 across and 24 across
- 8 Mean of 5 down and 28 across
- 10 Mean of 24 across and 25 down
- 11 Nine times a prime number
- 14 36 across divided by three
- 15 20 across minus 4 down
- 16 Same as 8 down
- 17 10 down minus 20 across
- 18 14 across minus 22 across
- 19 A square
- 20 33 down minus 28 across
- 21 Mean of 19 down and 14 across
- 25 37 across divided by 33 down
- 26 Forty-three times 12 across
- 29 30 down plus 24 across
- 30 10 down minus 31 down
- 31 Mean of 7 down and 34 down
- 33 14 across minus 4 down
- 34 25 down divided by five
- 35 17 down times 5 down

Solution:

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