

Difficulty: ☆☆☆☆☆

Cross Figure - Beginner Puzzle #29

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
							5	3
8				9	10		11	
							5	4
	7			12	9	4	1	
13	14			15			16	
								1
	17	18	19			20	21	
						1		
	22					23	5	0
							9	
24		2			25	9	26	27
								28
				29		0		
30	31	32		33			34	35
36				1			37	8
								8
								7

Across

- 1 A prime number
- 4 Half of 12 across, then subtract 6 down
- 8 20 across minus 15 across
- 9 9 down divided by 16 across
- 11 15 across plus 34 across
- 12 Eight times 1 down
- 13 Mean of 10 down and 31 down
- 15 13 across minus 6 down
- 16 25 across divided by nine
- 17 Mean of 8 across and 11 across
- 20 A square
- 22 17 across minus 27 across
- 23 3 down plus half of 11 across
- 24 Mean of 20 down and 20 across
- 25 13 across plus 31 down
- 27 A square
- 29 34 across plus 33 across
- 30 16 across plus 10 down
- 33 15 across reversed
- 34 26 down plus 27 across
- 36 Mean of 24 down and 30 across
- 37 Five hundred forty less than 24 down

Down

- 1 Half of 14 down, then subtract 25 across
- 2 8 across minus 32 down
- 3 20 down plus 15 across
- 5 Three-fourths of 24 across
- 6 32 down minus 3 down
- 7 A square
- 9 Eleven times a prime number
- 10 Mean of 20 across and 2 down
- 14 A palindrome
- 16 A prime number
- 18 32 down minus 27 across
- 19 5 down minus 3 down
- 20 21 down divided by four
- 21 Mean of 5 down and 18 down
- 24 Eighteen times a prime number
- 25 A prime number
- 26 Fifty-three times 15 across
- 28 1 across plus half of 37 across
- 31 A cube
- 32 34 down minus 16 across
- 34 20 across minus 33 across
- 35 24 across minus 6 down

Solution:

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