

Difficulty: ☆☆☆☆☆

Cross Figure - Beginner Puzzle #32

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	1		3	4		5	8			6
7	8	3			9	6			10		11	4	5
12	5		1		13	6				14			
				15			16	7					
				17	7								
		18	1	19					20	9	21		
		22							23	3			
				24	25	26	9	27					
28				29		4	5					30	3
31	1	32		33	7	34	1		35		36		
37	5					38	1		39		7		
3					40	7							

Across

- 3 Mean of 19 down and 24 down
- 7 Seventy-four times 36 across
- 9 36 across minus 3 across
- 10 Mean of 30 down and 20 down
- 12 24 down plus 31 across
- 13 29 across minus 39 across
- 14 18 across plus 40 across
- 15 Mean of 20 down and 37 across
- 17 24 across minus 10 across
- 18 Half of 1 down, then subtract 15 across
- 20 24 down plus 13 across
- 22 12 across minus 18 across
- 23 18 across plus 15 down
- 24 Eight hundred five more than 6 down
- 29 Fifteen times a prime number
- 31 13 across minus 11 down
- 34 A square
- 36 35 down minus 22 across
- 37 26 down divided by 31 across
- 38 36 across reversed
- 39 Four hundred eighty-six more than 24 across
- 40 24 across divided by 22 across

Down

- 1 Fifty-six times a prime number
- 2 Half of 6 down, then subtract 28 down
- 3 A prime number
- 4 First two digits are the same as 9 across
- 5 33 down reversed
- 6 Four times a prime number
- 8 40 across minus 31 across
- 11 20 across minus 12 across
- 15 40 across minus 13 across
- 16 Mean of 35 down and 3 across
- 18 16 down minus 9 across
- 19 23 across minus 18 down
- 20 Mean of 20 across and 40 across
- 21 17 across divided by 38 across
- 24 35 down minus 36 down
- 25 Eighty-six times a prime number
- 26 Fifty-one times a prime number
- 27 Half of 8 down
- 28 A prime number
- 30 Twenty-three times a prime number
- 32 2 down minus 13 across
- 33 5 down minus 20 across
- 35 34 across plus half of 14 across
- 36 9 across plus 23 across

Solution:

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