

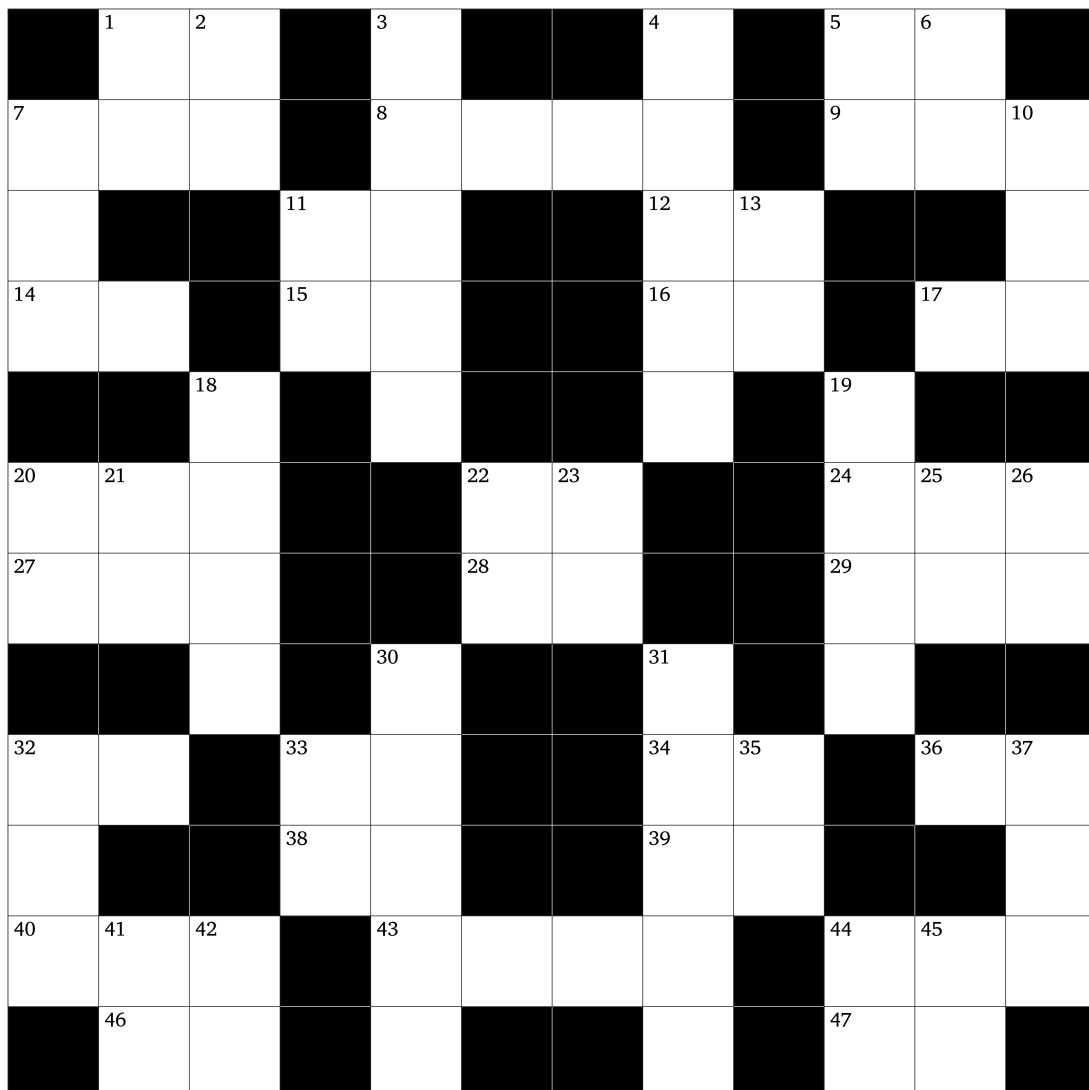
Difficulty: ★★★★★

Cross Figure - Hard Puzzle #19

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.



Across

- 1 40 across divided by 47 across
- 5 22 down minus 39 across
- 7 Eighteen times 39 across
- 8 Twice a prime number
- 9 32 down reversed
- 11 Mean of 32 down and 20 down
- 12 Mean of 14 across and 22 across
- 14 21 down plus 6 down
- 15 46 across minus 28 across
- 16 11 across plus 42 down
- 17 41 down minus 21 down
- 20 14 across plus 11 down
- 22 Mean of 2 down and 36 across
- 24 Twice the result of 9 across plus 33 down
- 27 3 down divided by 12 across
- 28 Mean of 42 down and 22 across
- 29 30 down divided by 23 down
- 32 11 down minus 26 down
- 33 26 down plus 15 across
- 34 Mean of 39 across and 20 down
- 36 Mean of 15 across and 10 down
- 38 Mean of 26 down and 22 across
- 39 12 across minus 23 down
- 40 A square
- 43 4 down divided by 41 down
- 44 Thirteen times 39 across
- 46 A square
- 47 13 down minus 42 down

Down

- 1 37 down divided by 14 across
- 2 41 down plus 13 down
- 3 First two digits are the same as 6 down
- 4 43 across times 38 across
- 5 Mean of 5 across and 6 down
- 6 33 across minus 13 down
- 7 Half of 19 down, then subtract 8 across
- 10 Three times a square
- 11 32 down minus 44 down
- 13 46 across minus 39 across
- 18 44 across plus 7 across
- 19 Ten times a prime number
- 20 33 down minus 44 down
- 21 22 across minus 11 down
- 22 10 down minus 28 across
- 23 32 down minus 25 down
- 25 33 across plus 1 across
- 26 14 across minus 13 down
- 30 Its digits total 32 across
- 31 A square
- 32 6 down plus 46 across
- 33 22 down minus 47 across
- 35 Mean of 15 across and 34 across
- 37 42 down times 14 across
- 41 Mean of 26 down and 22 across
- 42 33 across minus 44 down
- 44 33 across minus 1 down
- 45 36 across minus 47 across

Solution:

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