

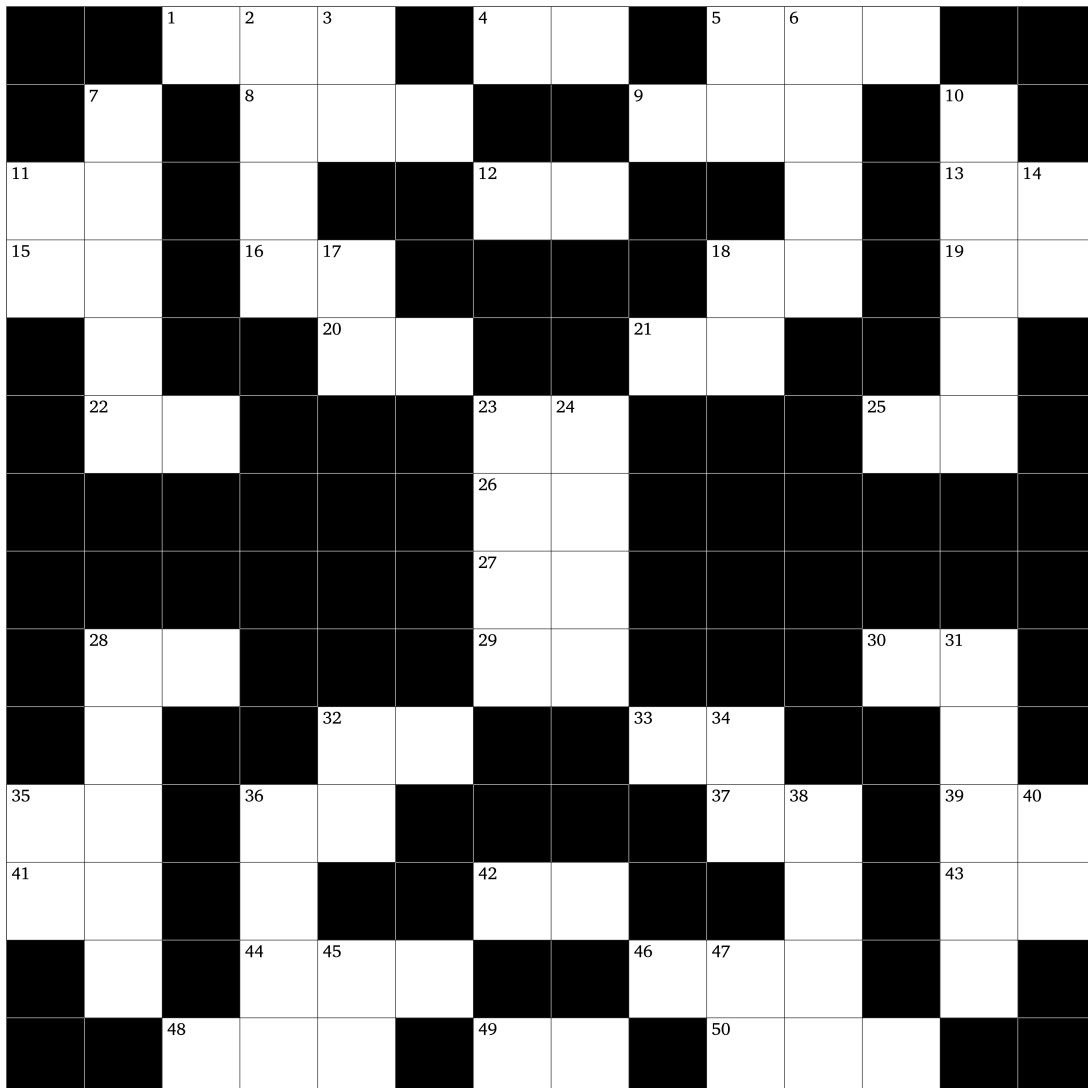
Difficulty: ★★★★★

Cross Figure - Hard Puzzle #40

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 26 across times 33 across
- 4 18 across minus 14 down
- 5 Seventeen times 28 across
- 8 A prime number
- 9 Twenty-two times a prime number
- 11 Twice the result of 25 across minus 18 down
- 12 18 across minus 39 across
- 13 19 across minus 32 across
- 15 23 down divided by 16 across
- 16 30 across plus 17 down
- 18 21 across plus 17 down
- 19 42 across plus 12 across
- 20 21 across plus half of 28 across
- 21 29 across minus 23 across
- 22 Mean of 34 down and 26 across
- 23 Mean of 39 across and 32 across
- 25 30 across plus 18 across
- 26 A square
- 27 Twice the result of 6 down minus 24 down
- 28 49 across minus 3 down
- 29 Mean of 22 across and 18 down
- 30 45 down minus 23 across
- 32 Twice the result of 48 across minus 36 across
- 33 32 across plus 30 across
- 35 11 across plus 39 across
- 36 25 across plus 15 across
- 37 Mean of 40 down and 35 down
- 39 1 across divided by 33 across
- 41 13 across plus 14 down
- 42 23 across plus 18 across
- 43 Mean of 47 down and 3 down
- 44 46 across minus 18 across
- 46 8 across minus 48 across
- 48 11 across plus 15 across
- 49 Mean of 42 across and 35 down
- 50 12 across times 13 across

Down

- 2 Mean of 38 down and 5 across
- 3 13 across minus 15 across
- 5 Mean of 41 across and 11 down
- 6 Five times a prime number
- 7 31 down minus 36 down
- 10 Last two digits are the same as 14 down
- 11 18 down plus 16 across
- 14 9 across divided by 4 across
- 17 Half of 10 down, then subtract 28 down
- 18 22 across minus 39 across
- 23 Seventeen times 40 down
- 24 A prime number
- 28 Fourteen thousand five hundred twenty-seven less than 7 down
- 31 Eighty-six times a prime number
- 32 A square
- 34 43 across plus 12 across
- 35 34 down plus 12 across
- 36 Sixty times a prime number
- 38 43 across times 13 across
- 40 11 down minus 4 across
- 45 Mean of 42 across and 33 across
- 47 13 across plus 30 across

Solution:

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