

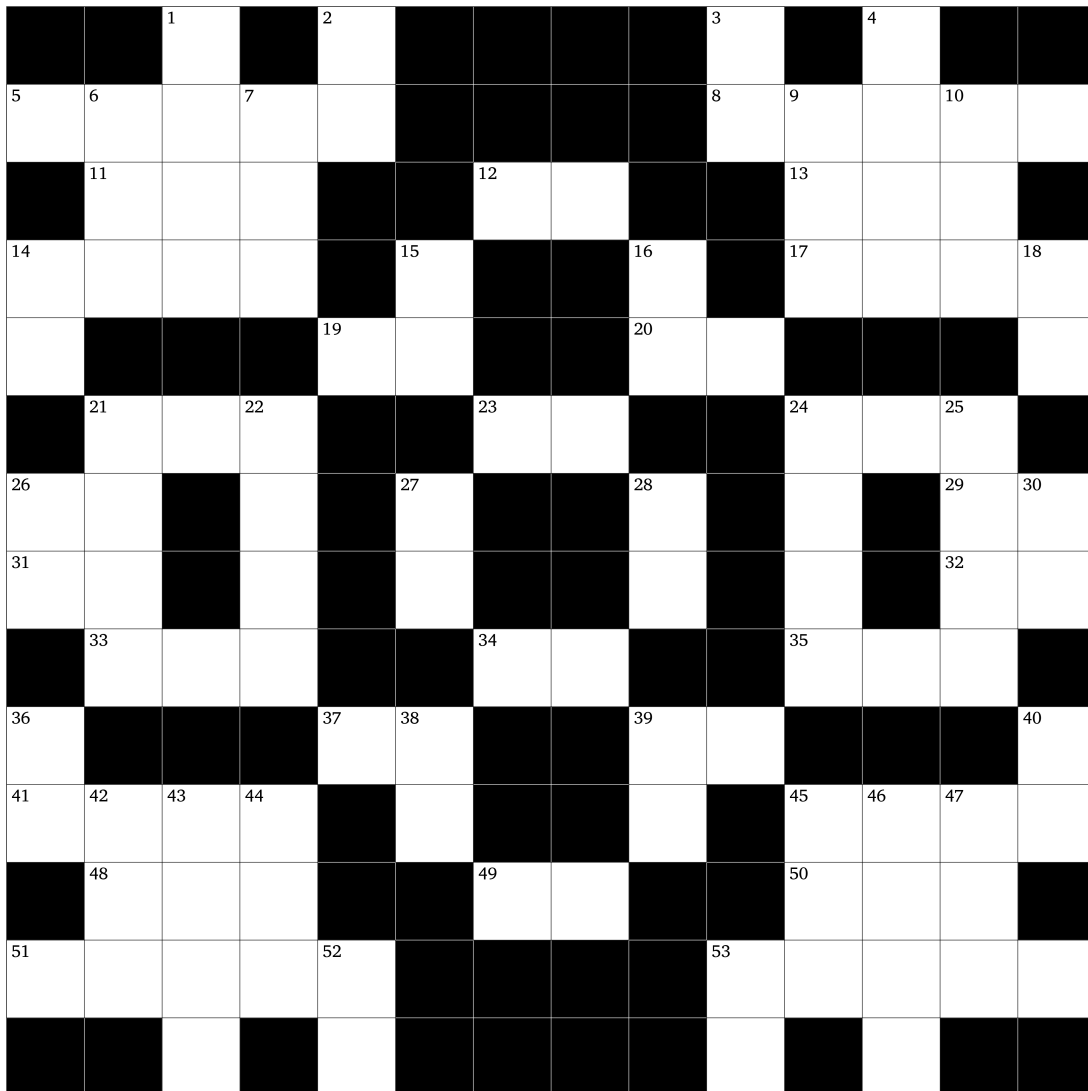
Difficulty: ★★★★★

Cross Figure - Hard Puzzle #8

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

- 5 33 across times 30 down
- 8 Last two digits are the same as last two digits of 17 across
- 11 3 down plus half of 20 across
- 12 53 down minus 49 across
- 13 42 down plus 12 across
- 14 A cube
- 17 Mean of 41 across and 12 across
- 19 23 across plus 28 down
- 20 3 down plus 38 down
- 21 Half of 4 down, then subtract 22 down
- 23 Mean of 40 down and 37 across
- 24 11 across plus 2 down
- 26 49 across minus 15 down
- 29 Three times 39 across
- 31 50 across minus 45 down
- 32 26 across minus 16 down
- 33 5 across divided by 23 across
- 34 47 down divided by 14 down
- 35 45 across divided by 27 down
- 37 45 across divided by 35 across
- 39 40 down minus 14 down
- 41 Sixty-one times a square
- 45 35 across times 28 down
- 48 Half of 1 down, then subtract 21 down
- 49 Twice the result of 2 down minus 19 across
- 50 Mean of 7 down and 39 across
- 51 Nine times 46 down
- 53 Seventeen times a prime number

Down

- 1 11 across times 52 down
- 2 36 down plus 18 down
- 3 39 down plus 34 across
- 4 Thirty-four times a prime number
- 6 38 down plus half of 24 across
- 7 40 down times 39 down
- 9 Fifty-eight more than 33 across
- 10 Thirteen times 3 down
- 14 A square
- 15 11 across minus 20 across
- 16 52 down minus 15 down
- 18 53 down minus 38 down
- 21 Twice a prime number
- 22 Forty-eight times 53 down
- 24 16 down plus 42 down
- 25 49 across plus 43 down
- 26 Mean of 29 across and 40 down
- 27 13 across divided by 53 down
- 28 32 across minus 36 down
- 30 Mean of 39 across and 16 down
- 36 18 down minus 52 down
- 38 Mean of 16 down and 15 down
- 39 2 down minus 26 across
- 40 Mean of 39 down and 18 down
- 42 24 down minus half of 26 down
- 43 25 down minus 29 across
- 44 8 across divided by 10 down
- 45 A prime number
- 46 Thirty-two times a prime number
- 47 32 across times 39 across
- 52 Twice 38 down
- 53 39 down plus 31 across

Solution:

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