

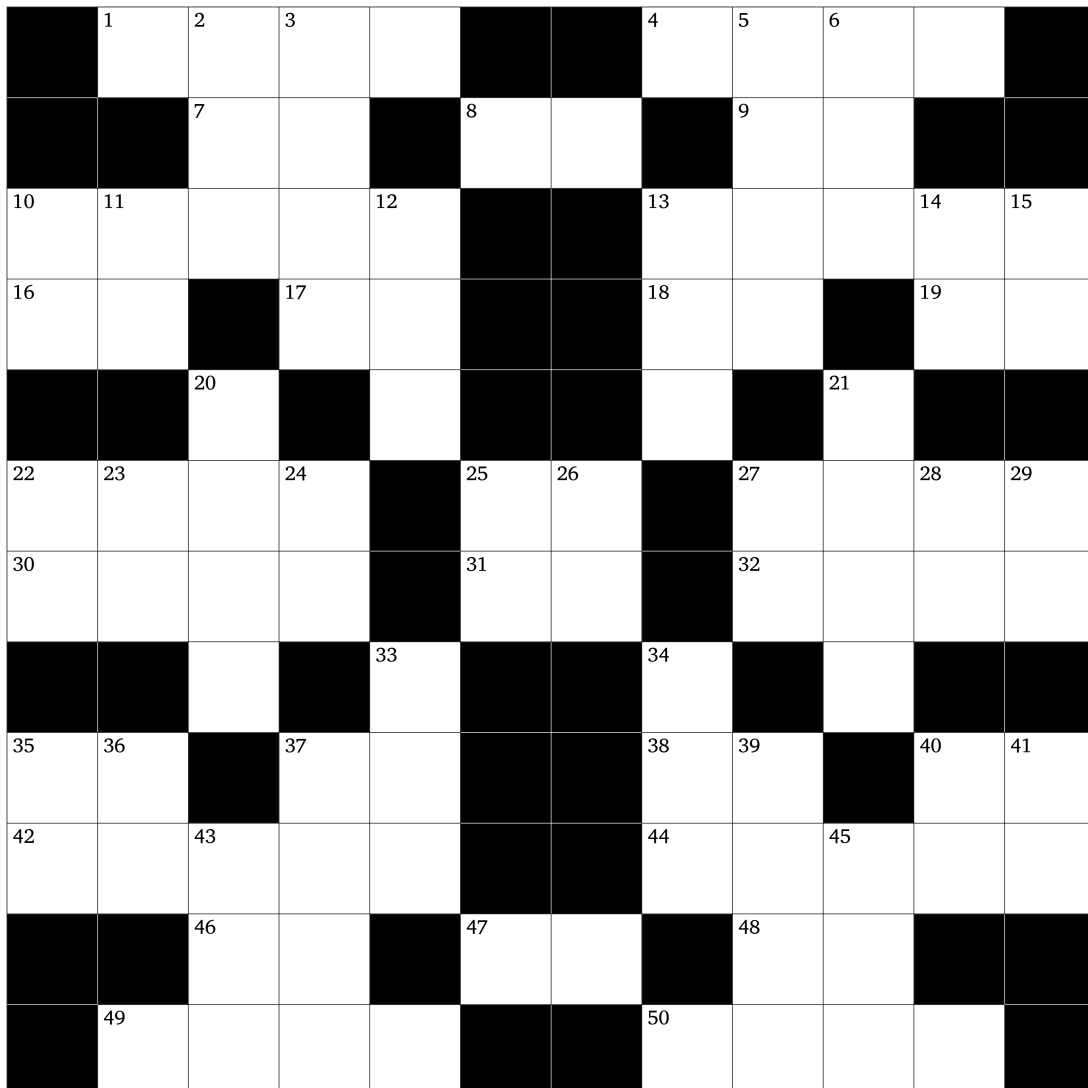
Difficulty: ★★★★★

Cross Figure - Hard Puzzle #49

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 Seventeen times a prime number
- 4 Twenty-seven times 23 down
- 7 18 across minus 41 down
- 8 25 down minus 10 down
- 9 36 down minus 22 down
- 10 Last two digits are the same as 25 across
- 13 Twelve times a prime number
- 16 Three-fifths of 23 down
- 17 21 down minus 49 across
- 18 Mean of 10 down and 48 across
- 19 Mean of 38 across and 37 across
- 22 Three times a prime number
- 25 Mean of 34 down and 37 across
- 27 Five times a prime number
- 30 Forty-six times a prime number
- 31 45 down minus 36 down
- 32 Five times a prime number
- 35 27 down minus 26 down
- 37 38 across plus 18 across
- 38 Twice the result of 35 across minus 22 down
- 40 15 down plus 48 across
- 42 A prime number
- 44 Forty-four times a prime number
- 46 40 down minus 35 across
- 47 Half of 21 down, then subtract 4 across
- 48 10 down minus 7 across
- 49 A prime number
- 50 39 down minus 40 across

Down

- 2 26 down plus 37 across
- 3 Twenty-eight times a prime number
- 5 21 down minus 14 down
- 6 Twice the result of 1 across minus 33 down
- 10 2 down minus 15 down
- 11 Mean of 25 across and 36 down
- 12 20 down divided by 35 down
- 13 Five times a prime number
- 14 Mean of 36 down and 46 across
- 15 14 down minus half of 37 across
- 20 Eleven times a prime number
- 21 Sixty times a prime number
- 22 14 down minus 27 down
- 23 37 across plus 38 across
- 24 Mean of 23 down and 40 down
- 25 47 across plus 7 across
- 26 Twice the result of 27 down minus 19 across
- 27 14 down minus 8 across
- 28 22 across minus half of 3 down
- 29 49 across minus 5 down
- 33 Mean of 35 across and 22 across
- 34 Mean of 2 down and 11 down
- 35 25 across minus 14 down
- 36 18 across plus half of 16 across
- 37 27 across plus half of 9 across
- 39 24 down plus 50 across
- 40 Mean of 36 down and 25 across
- 41 40 down minus 18 across
- 43 13 down plus half of 41 down
- 45 Half of 44 across, then subtract 42 across

Solution:

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