

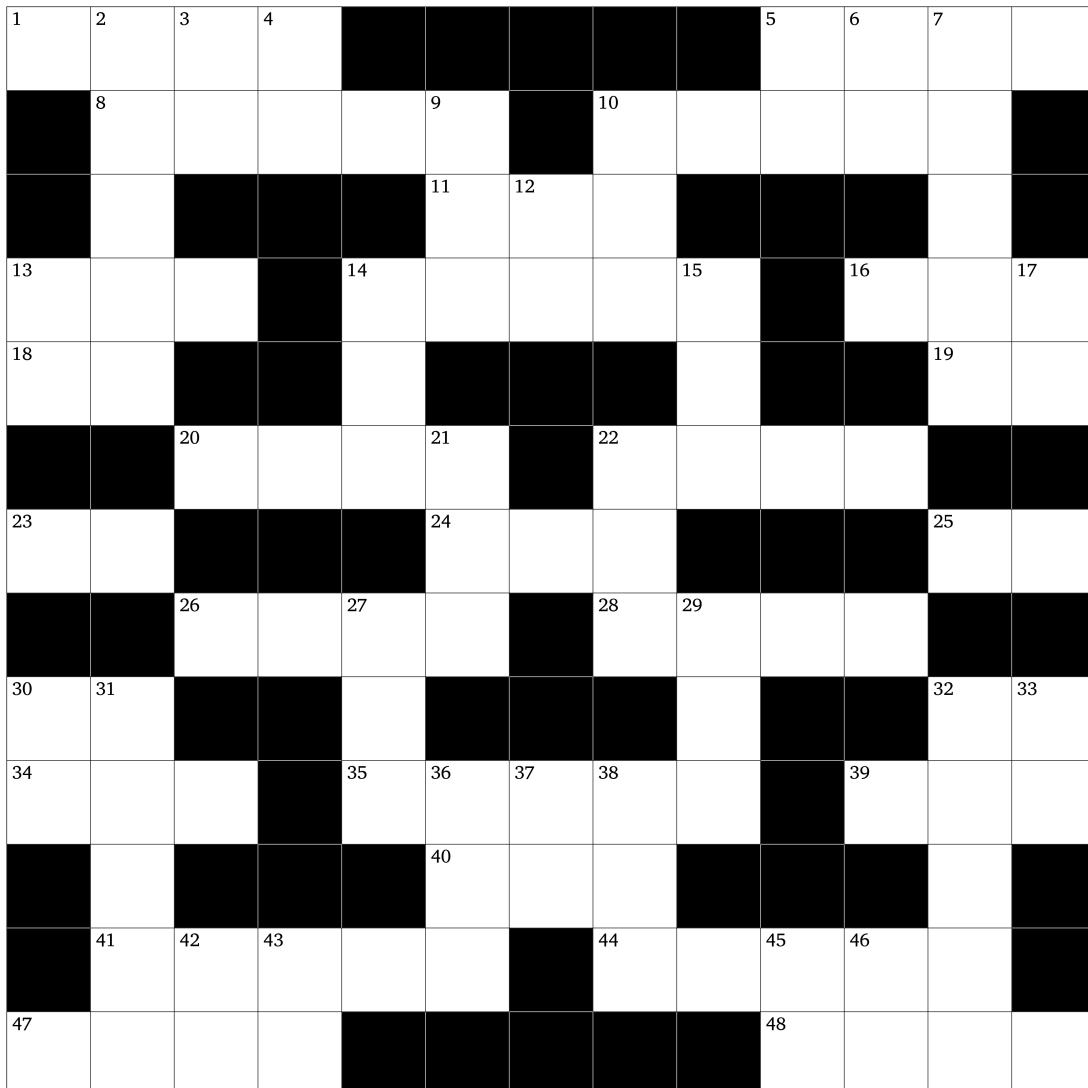
Difficulty: ★★★★★

Cross Figure - Hard Puzzle #7

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 Consecutive digits unordered
- 5 Twice a prime number
- 8 14 down times 32 across
- 10 Last two digits are the same as last two digits of 36 down
- 11 23 across plus 43 down
- 13 10 down plus 46 down
- 14 38 down times 19 across
- 16 Thirty-three times 30 across
- 18 13 across minus 15 down
- 19 20 across divided by 25 across
- 20 Mean of 19 across and 14 across
- 22 A palindrome
- 23 37 down plus 30 down
- 24 Mean of 21 down and 26 across
- 25 6 down plus 46 down
- 26 Fifty-five times 18 across
- 28 Half of 5 across, then subtract 26 across
- 30 43 down minus 46 down
- 32 18 across plus 12 down
- 34 Mean of 29 down and 30 across
- 35 Seven thousand eighty-three more than 7 down
- 39 24 across minus 11 across
- 40 All digits are the same
- 41 Mean of 31 down and 48 across
- 44 7 down plus 39 across
- 47 Seventy-one times a prime number
- 48 Seventy-five times a prime number

Down

- 2 Twenty-one times a prime number
- 3 15 down minus 10 down
- 4 1 across divided by 38 down
- 5 Same as 32 across
- 6 23 across minus 13 down
- 7 Eight times a prime number
- 9 Mean of 43 down and 24 across
- 10 15 down minus 6 down
- 12 47 across minus 22 across
- 13 23 across minus 3 down
- 14 25 across plus 17 down
- 15 39 across plus 38 down
- 17 All digits are the same
- 21 37 down plus half of 27 down
- 22 Twice the result of 14 across minus 2 down
- 27 Mean of 29 down and 13 across
- 29 Mean of 32 across and 10 down
- 30 32 across minus 25 across
- 31 Seventeen times a prime number
- 32 A prime number
- 33 16 across minus 36 down
- 36 24 across minus 16 across
- 37 Mean of 17 down and 25 across
- 38 19 across plus 46 down
- 42 32 across plus 30 across
- 43 Mean of 37 down and 4 down
- 45 Twice the result of 10 across minus 32 down
- 46 18 across plus 6 down

Solution:

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