

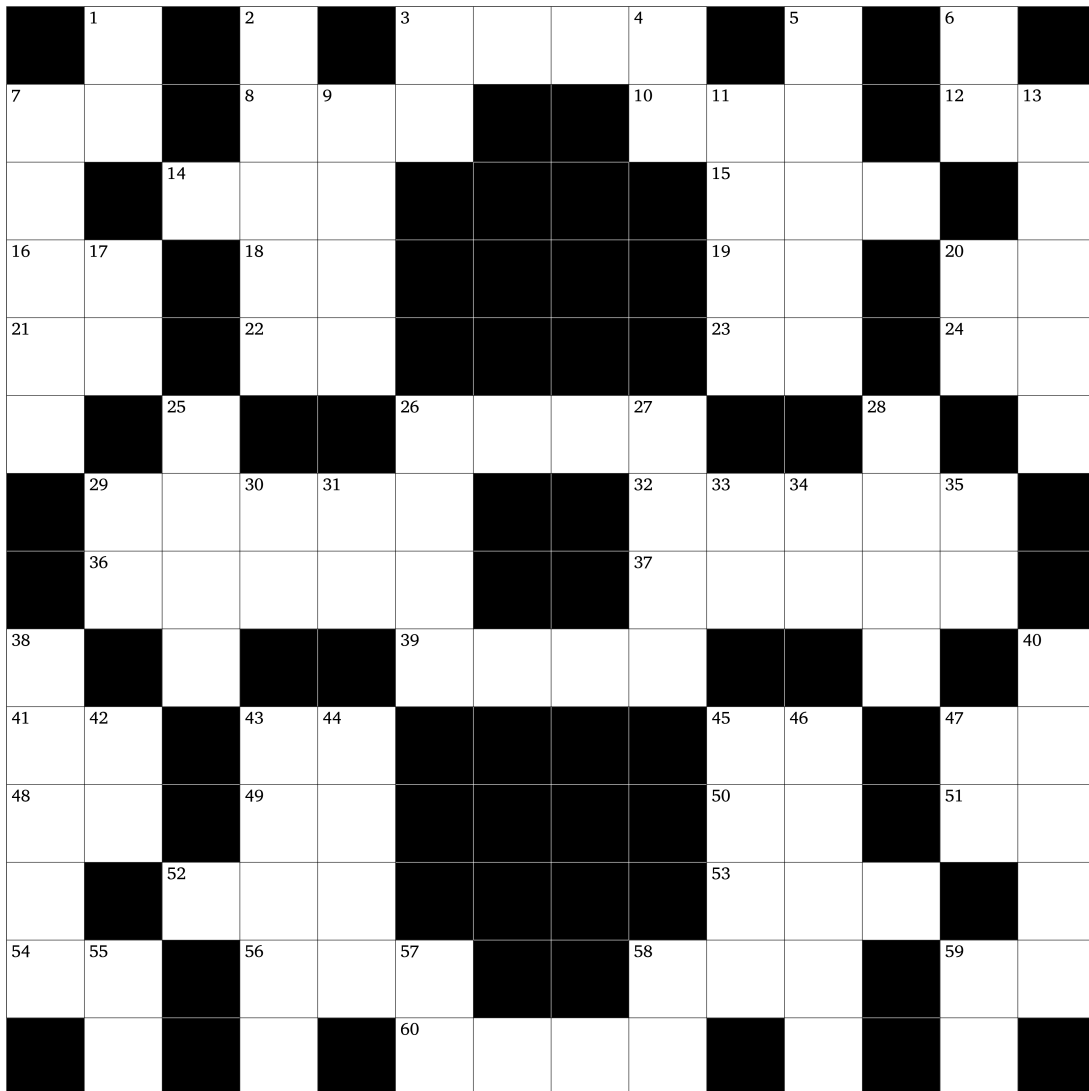
Difficulty: ★★★★★

CrossFigure - Hard Puzzle #47

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:

- "Words" may not start with a zero.
- "Words" read from left to right and top to bottom.
- There is one unique solution which satisfies all the clues given below.
- Some "words" may not have clues. They will be determined by the "words" which intersect them.



Across

- 3 43 across plus half of 28 down
- 7 56 across minus half of 52 across
- 8 Nine times 29 down
- 10 Four times a prime number
- 12 20 down minus 43 across
- 14 53 across minus 57 down
- 15 A square
- 16 Half of 10 across, then subtract 14 across
- 18 58 across minus 14 across
- 19 23 across minus 1 down
- 20 Mean of 6 down and 19 across
- 21 Mean of 18 across and 19 across
- 22 16 across minus 54 across
- 23 18 across plus 6 down
- 24 41 across plus 49 across
- 26 One hundred forty-nine less than 26 down
- 29 Five thousand seven hundred fifty-eight more than 7 down
- 32 Fifty-two times a prime number
- 36 Three times a prime number
- 37 46 down plus half of 48 across
- 39 A palindrome
- 41 Mean of 58 down and 33 down
- 43 Mean of 12 across and 48 across
- 45 21 across minus 59 across
- 47 3 down plus 49 across
- 48 59 across minus 4 down
- 49 Mean of 24 across and 50 across
- 50 57 down minus 35 down
- 51 19 across minus 59 across
- 52 Mean of 15 across and 29 down
- 53 19 across plus 14 across
- 54 A square
- 56 43 across plus 58 across
- 58 Four times a prime number
- 59 4 down plus 42 down
- 60 57 down times 6 down

Down

- 1 24 across minus 19 across
- 2 Eighteen times a prime number
- 3 A cube
- 4 A square
- 5 Twelve times a prime number
- 6 16 across minus 55 down
- 7 13 down minus 58 across
- 9 First two digits are the same as 35 down
- 11 Seventeen times a prime number
- 13 Five thousand four hundred forty-two less than 29 across
- 17 16 across minus 3 down
- 20 34 down plus 31 down
- 25 40 down minus half of 26 across
- 26 One thousand eight hundred forty-two more than 25 down
- 27 Mean of 9 down and 53 across
- 28 57 down times 49 across
- 29 43 across plus 20 across
- 30 Mean of 24 across and 20 across
- 31 Mean of 34 down and 51 across
- 33 49 across minus half of 18 across
- 34 Mean of 12 across and 54 across
- 35 39 across minus 15 across
- 38 Half of 29 across, then subtract 20 down
- 40 Ten times a prime number
- 42 Two-thirds of 59 down
- 43 Five times a prime number
- 44 Twelve times a prime number
- 45 2 down minus 43 down
- 46 Ten thousand nine hundred eighty-one more than 13 down
- 47 Twice the result of 45 across plus 3 down
- 55 Mean of 54 across and 47 across
- 57 Mean of 17 down and 30 down
- 58 Twice the result of 21 across minus 20 across
- 59 5 down minus 36 across

Solution:

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