

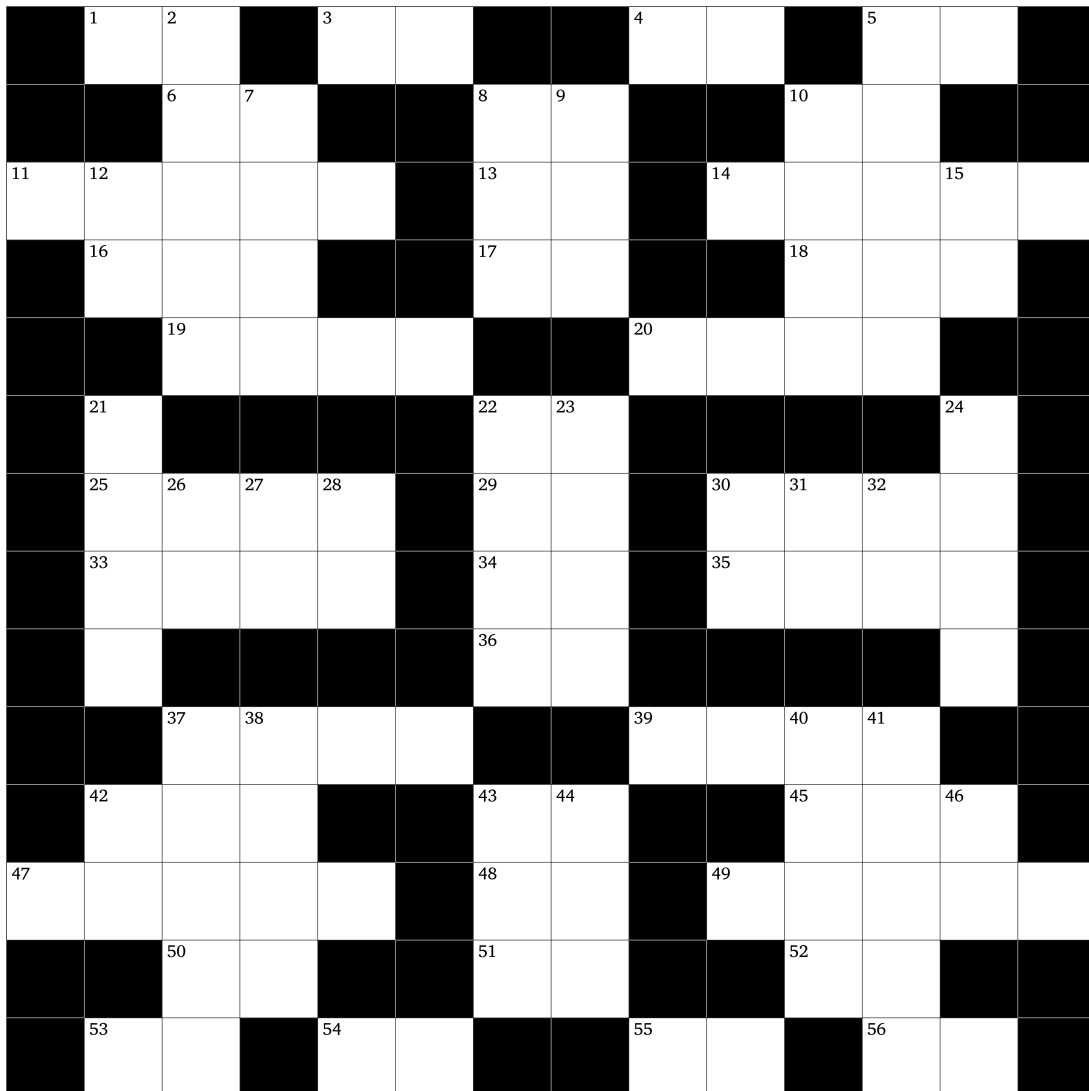
Difficulty: ★★★★★

CrossFigure - Hard Puzzle #27

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

- 1 A cube
- 3 35 across minus 39 across
- 4 44 down divided by 5 across
- 5 4 across minus 30 down
- 6 5 across plus 34 across
- 8 4 across minus 22 across
- 10 50 across minus 13 across
- 11 19 across times 17 across
- 13 1 across plus 3 across
- 14 Thirty-one times a prime number
- 16 44 down plus 10 across
- 17 Mean of 56 across and 5 across
- 18 55 across plus 43 down
- 19 33 across plus 17 across
- 20 14 across minus 24 down
- 22 55 across minus 1 across
- 25 Eight hundred eighty-seven more than 10 down
- 29 43 across minus 3 across
- 30 One thousand four hundred thirty-six more than 24 down
- 33 Mean of 10 down and 50 across
- 34 1 across minus 56 across
- 35 29 across plus 39 across
- 36 28 down plus 17 across
- 37 Half of 21 down, then subtract 10 across
- 39 Three times a prime number
- 42 Four times 1 across
- 43 18 across minus 43 down
- 45 37 across minus 23 down
- 47 30 across plus half of 49 across
- 48 Mean of 52 across and 5 across
- 49 Twenty-four times a prime number
- 50 42 across minus 42 down
- 51 22 down minus 25 across
- 52 55 across minus 10 across
- 53 A square
- 54 34 across plus 43 across
- 55 54 across minus 34 across
- 56 16 across divided by 30 down

Down

- 2 A prime number
- 5 A prime number
- 7 Mean of 38 down and 54 across
- 8 45 across minus 34 across
- 9 Twenty-one times 15 down
- 10 10 across times 50 across
- 12 36 across minus 53 across
- 15 42 across minus 36 across
- 21 Twice a prime number
- 22 Seven times a prime number
- 23 6 across times 13 across
- 24 One thousand more than 21 down
- 26 Half of 31 down, then subtract 46 down
- 27 Three times 46 down
- 28 56 across plus 13 across
- 30 17 across reversed
- 31 46 down plus 55 across
- 32 1 across plus 8 across
- 37 9 down times 52 across
- 38 Thirty-six times a prime number
- 40 45 across times 8 across
- 41 Four thousand eight hundred seventy more than 2 down
- 42 10 across minus 8 across
- 43 18 across minus 12 down
- 44 Mean of 23 down and 8 down
- 46 50 across minus 31 down

Solution:

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