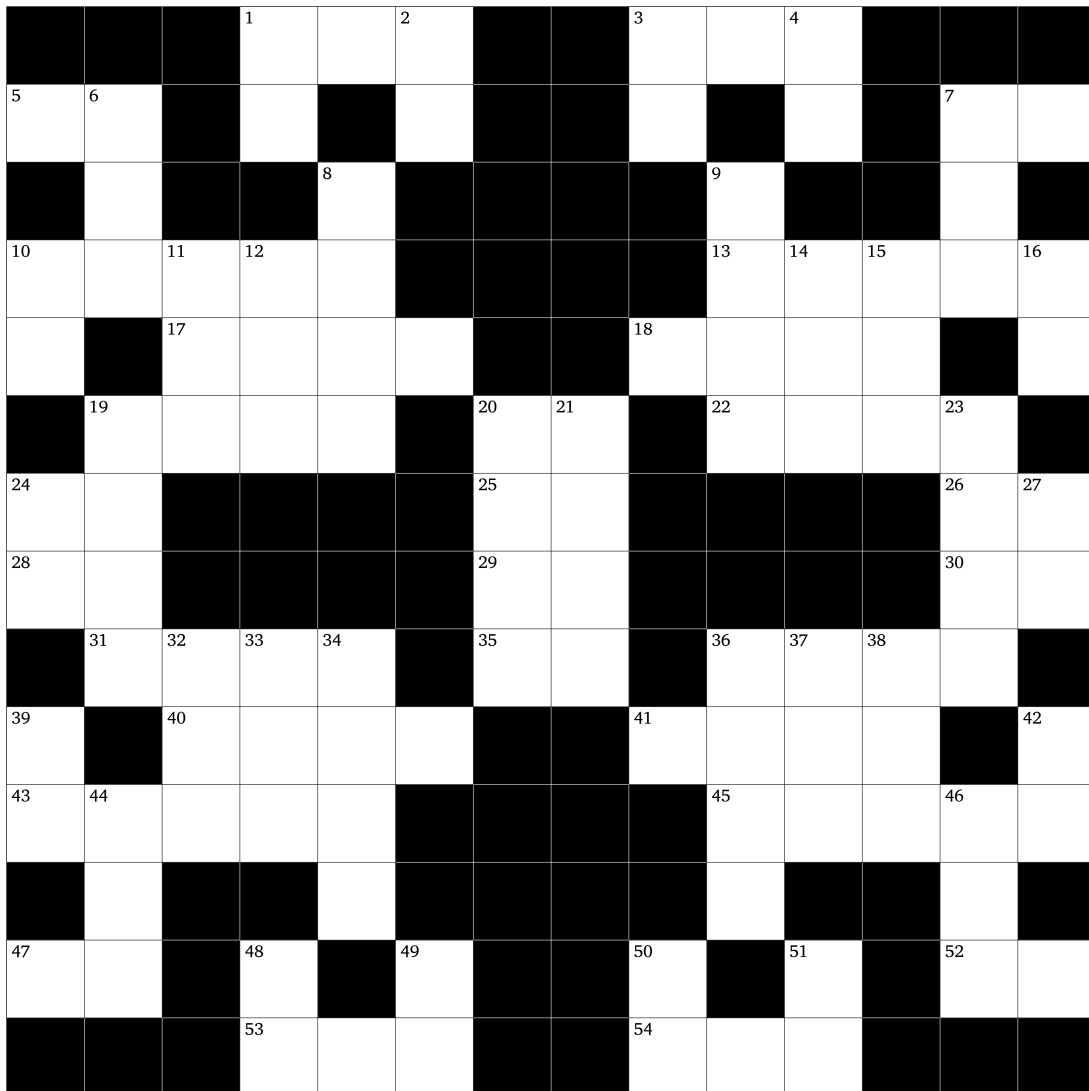


Cross Figure - Challenging Puzzle #27

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:

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 Mean of 46 down and 54 across
- 3 54 across minus half of 1 down
- 5 50 down minus 35 across
- 7 38 down divided by 47 across
- 10 Twenty thousand eight hundred ninety-six more than 45 across
- 13 Sixty-nine times a prime number
- 17 Six times a prime number
- 18 Mean of 40 across and 36 down
- 19 Mean of 17 across and 11 down
- 20 Twice the result of 37 down minus 1 across
- 22 Mean of 53 across and 19 down
- 24 A square
- 25 26 across minus 7 across
- 26 1 down minus 2 down
- 28 Six times 7 across
- 29 Mean of 16 down and 25 across
- 30 28 across minus 26 across
- 31 Eight hundred twenty-three more than 36 down
- 35 7 across plus 2 down
- 36 Twice a prime number
- 40 Two hundred forty more than 17 across
- 41 Mean of 36 across and 53 across
- 43 10 across minus half of 7 across
- 45 Six times a prime number
- 47 34 down divided by 38 down
- 52 4 down plus 51 down
- 53 Twenty-two times 3 down
- 54 A prime number

Down

- 1 Mean of 4 down and 48 down
- 2 5 across plus 49 down
- 3 Mean of 35 across and 47 across
- 4 22 across minus 15 down
- 6 9 down divided by 27 down
- 7 26 across plus 24 across
- 8 7 down times 10 down
- 9 6 down times 39 down
- 10 26 across plus 1 down
- 11 44 down minus 47 across
- 12 44 down minus 5 across
- 14 Twice the result of 17 across minus 44 down
- 15 A prime number
- 16 2 down plus 3 down
- 19 46 down plus 32 down
- 20 Four times a prime number
- 21 Forty-seven times a prime number
- 23 31 across plus 30 across
- 24 52 across minus 7 across
- 27 1 down minus 29 across
- 32 42 down plus 26 across
- 33 19 across minus 42 down
- 34 36 down minus 50 down
- 36 Six times a prime number
- 37 Seven times a prime number
- 38 Thirty times a square
- 39 Half of 28 across, then subtract 25 across
- 42 14 down divided by five
- 44 33 down minus 25 across
- 46 26 across plus 53 across
- 48 51 down plus half of 52 across
- 49 24 across minus 29 across
- 50 Four times 26 across
- 51 46 down minus 33 down

Solution:

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