

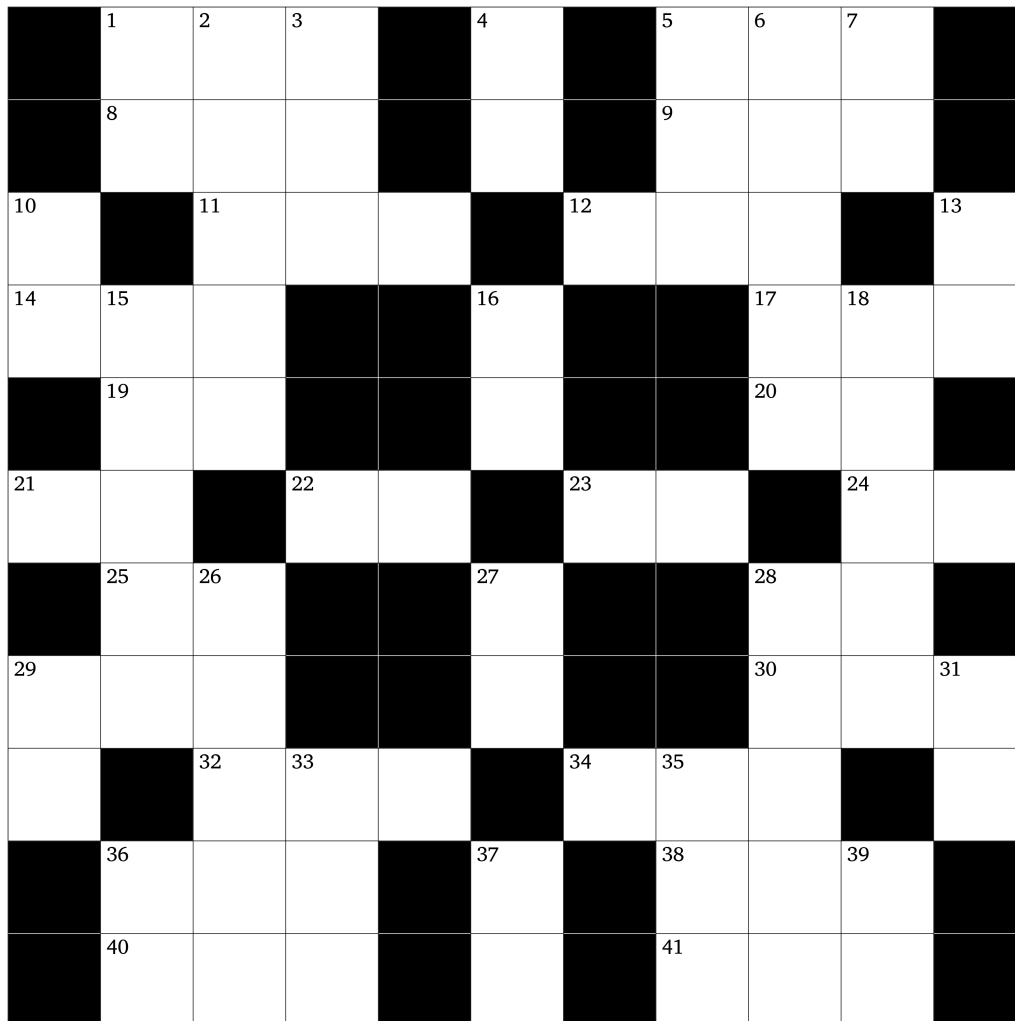
Difficulty: ★★★★★

Cross Figure - Hard Puzzle #48

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 36 down plus 11 across
- 5 Three times a prime number
- 8 34 across minus 20 across
- 9 23 across times 25 across
- 11 1 across minus 4 down
- 12 5 down plus 5 across
- 14 Mean of 4 down and 3 down
- 17 11 across minus 29 down
- 19 1 across divided by 36 down
- 20 15 down divided by 3 down
- 21 8 across minus 22 across
- 22 31 down plus 25 across
- 23 32 across divided by 1 down
- 24 A square
- 25 40 across minus 37 down
- 28 Mean of 25 across and 7 down
- 29 Nine times a prime number
- 30 A prime number
- 32 30 across minus 37 down
- 34 29 down plus half of 28 across
- 36 6 down divided by 24 across
- 38 Eight times a prime number
- 40 27 down plus half of 14 across
- 41 Half of 17 across, then subtract 25 across

Down

- 1 7 down minus 36 down
- 2 26 down plus 38 across
- 3 Mean of 33 down and 41 across
- 4 1 across divided by 19 across
- 5 35 down minus 23 across
- 6 Nine thousand five hundred thirty more than 2 down
- 7 37 down plus 10 down
- 10 11 across divided by 16 down
- 13 22 across plus 31 down
- 15 Thirty times a prime number
- 16 Same as 36 down
- 18 Its digits total 21 across
- 26 Fifteen times a prime number
- 27 Mean of 24 across and 19 across
- 28 Four thousand one hundred twenty-two less than 18 down
- 29 34 across minus 4 down
- 31 Two-fifths of 20 across
- 33 Eight times a prime number
- 35 1 across minus 40 across
- 36 34 across minus 29 down
- 37 Mean of 34 across and 21 across
- 39 Mean of 37 down and 7 down

Solution:

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