

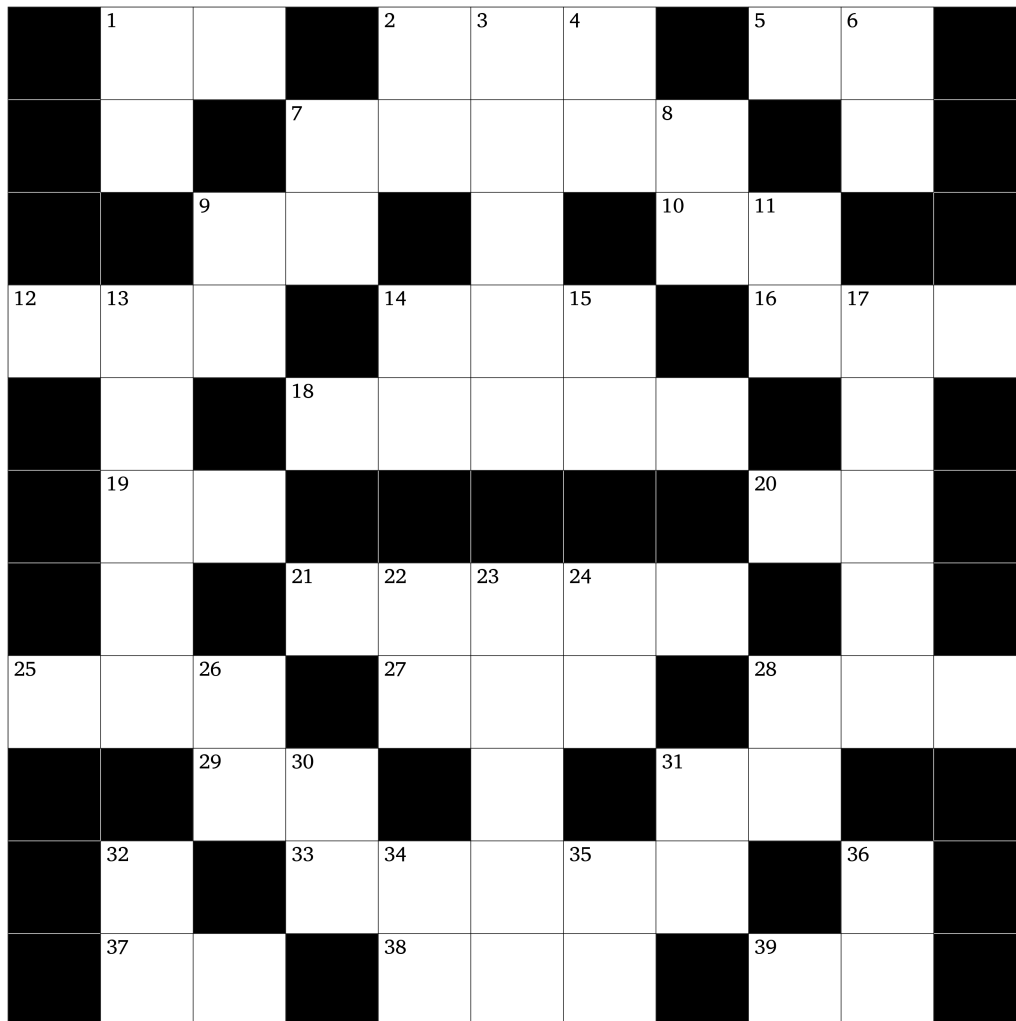
Difficulty: ★★★★★

Cross Figure - Hard Puzzle #22

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 Twice the result of 32 down plus 30 down
- 2 Mean of 12 across and 31 down
- 5 1 across minus 19 across
- 7 Four thousand three hundred sixty-seven more than 17 down
- 9 37 across plus 14 down
- 10 39 across minus 6 down
- 12 38 across minus 10 across
- 14 Mean of 28 across and 5 across
- 16 Half of 14 across, then subtract 8 down
- 18 28 across times 19 across
- 19 Mean of 28 down and 14 down
- 20 A square
- 21 Seven thousand one hundred twenty-six less than 23 down
- 25 12 across minus 35 down
- 27 38 across divided by three
- 28 Consecutive digits in descending order
- 29 Mean of 31 across and 14 down
- 31 2 down plus 4 down
- 33 Twenty-three thousand six hundred twenty-nine less than 13 down
- 37 4 down minus 32 down
- 38 36 down plus 12 across
- 39 Half of 23 down, then subtract 7 across

Down

- 1 22 down plus 19 across
- 2 Mean of 34 down and 35 down
- 3 Twenty-three thousand six hundred three more than 33 across
- 4 9 across minus 30 down
- 6 Mean of 34 down and 8 down
- 7 1 down minus half of 4 down
- 8 1 down minus 4 down
- 9 Mean of 31 across and 14 down
- 11 A square
- 13 Sixteen thousand five hundred two more than 21 across
- 14 15 down minus 36 down
- 15 28 down minus 5 across
- 17 Half of 21 across, then subtract 25 across
- 22 31 across minus 1 down
- 23 First two digits are the same as first two digits of 38 across
- 24 37 across plus 10 across
- 26 13 down minus 3 down
- 28 31 across minus 14 down
- 30 24 down minus 20 across
- 31 37 across plus 28 down
- 32 34 down minus 19 across
- 34 22 down plus 20 across
- 35 Mean of 10 across and 6 down
- 36 24 down minus 37 across

Solution:

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