

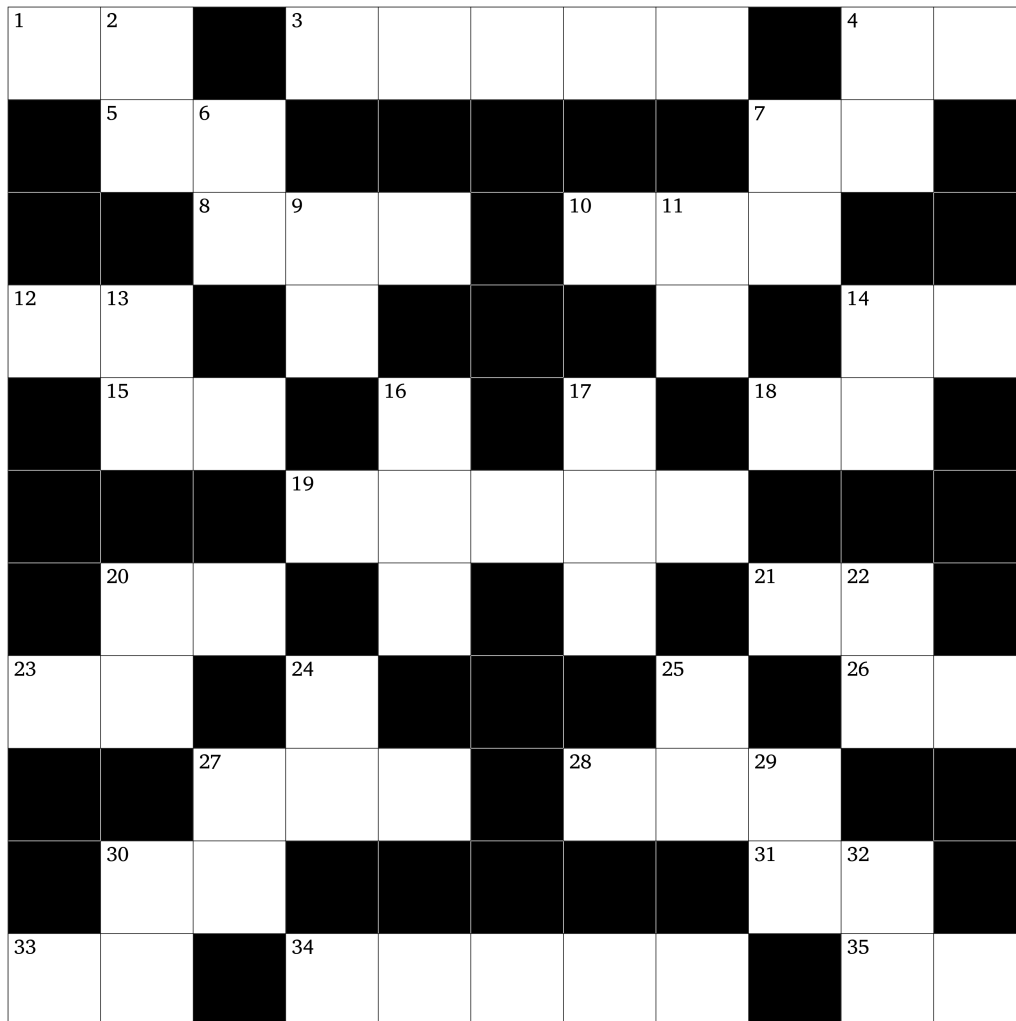
Difficulty: ★★★★★

Cross Figure - Hard Puzzle #21

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 30 down minus 15 across
- 3 10 across times 14 across
- 4 9 down minus 20 down
- 5 Mean of 30 down and 14 across
- 7 5 across minus 1 across
- 8 19 across divided by 1 across
- 10 23 across plus 27 across
- 12 Mean of 14 down and 35 across
- 14 12 across minus 4 across
- 15 9 down minus 7 down
- 18 Mean of 30 across and 9 down
- 19 First two digits are the same as first two digits of 28 across
- 20 Twice the result of 12 across minus 13 down
- 21 Half of 11 down, then subtract 2 down
- 23 29 down plus 15 across
- 26 Mean of 25 down and 7 down
- 27 16 down minus half of 15 across
- 28 4 across times 33 across
- 30 27 across divided by nine
- 31 30 down minus 26 across
- 33 A square
- 34 17 down times 35 across
- 35 32 down minus 2 down

Down

- 2 A square
- 4 15 across minus 26 across
- 6 9 down plus half of 7 across
- 7 9 down minus 13 down
- 9 14 across plus 2 down
- 11 23 across minus 15 across
- 13 4 down plus 26 across
- 14 Mean of 27 down and 5 across
- 16 10 across minus 18 across
- 17 8 across plus 18 across
- 20 Mean of 27 down and 30 across
- 22 7 across minus 26 across
- 24 30 across minus 4 down
- 25 24 down minus half of 18 across
- 27 Same as 14 across
- 29 Mean of 26 across and 35 across
- 30 14 across plus 22 down
- 32 29 down plus 13 down

Solution:

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