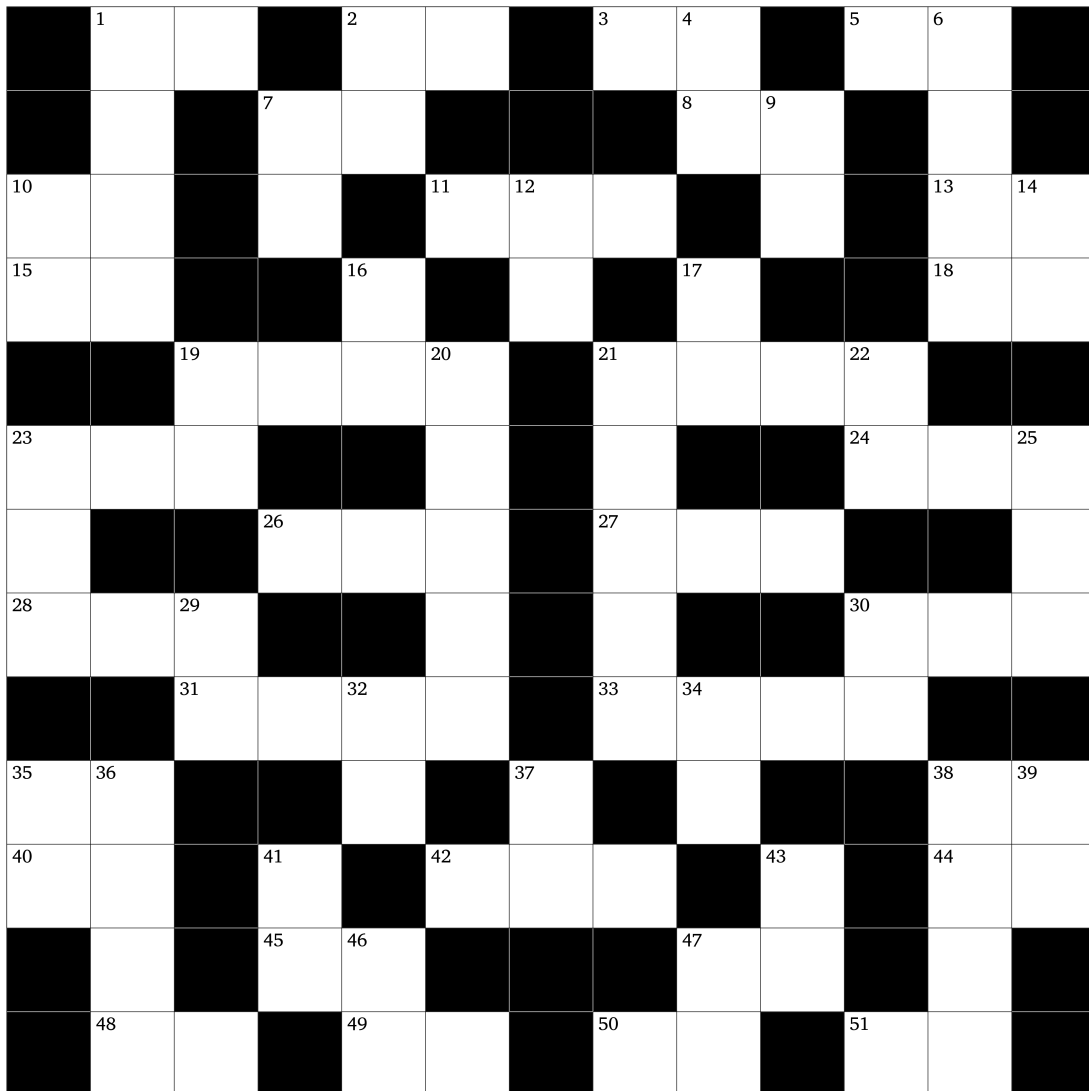


# CrossFigure - Hard Puzzle #30

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 Three times 14 down
- 2 15 across minus 51 across
- 3 32 down plus half of 40 across
- 5 A square
- 7 A cube
- 8 14 down plus 2 down
- 10 47 across reversed
- 11 51 across plus 23 down
- 13 Mean of 4 down and 14 down
- 15 11 across divided by 43 down
- 18 Mean of 22 down and 47 across
- 19 21 across plus 7 down
- 21 One thousand two hundred two more than 31 across
- 23 Thirty-five times a prime number
- 24 33 across divided by 41 down
- 26 28 across plus 15 across
- 27 Three-fifths of 23 across
- 28 30 down plus 19 down
- 30 Half of 25 down, then subtract 10 down
- 31 Seventy-eight times a prime number
- 33 24 across times 13 across
- 35 22 down minus 51 across
- 38 A cube
- 40 Mean of 50 across and 12 down
- 42 1 down divided by 2 across
- 44 48 across plus 40 across
- 45 23 down divided by 22 down
- 47 Mean of 44 across and 47 down
- 48 19 down minus 46 down
- 49 6 down divided by 44 across
- 50 Mean of 18 across and 12 down
- 51 Mean of 22 down and 10 down

**Down**

- 1 Six hundred seventy-nine more than 38 down
- 2 7 across minus 14 down
- 4 21 down divided by 31 across
- 6 Ninety-four times a prime number
- 7 29 down minus 8 across
- 9 22 down plus 4 down
- 10 30 down minus 4 down
- 12 9 down minus 16 down
- 14 7 down minus 41 down
- 16 Mean of 37 down and 47 down
- 17 51 across plus 1 across
- 19 42 across minus 44 across
- 20 A square
- 21 Sixteen thousand eight hundred eighty-four more than 20 down
- 22 10 down plus 1 across
- 23 35 down times 22 down
- 25 Eighty-six times 41 down
- 29 14 down plus 40 across
- 30 A square
- 32 Mean of 43 down and 3 across
- 34 Mean of 5 across and 35 across
- 35 11 across divided by 15 across
- 36 26 across times 38 across
- 37 Mean of 12 down and 4 down
- 38 48 across times 50 across
- 39 Mean of 47 across and 16 down
- 41 47 across minus 17 down
- 43 3 across minus 40 across
- 46 35 across plus 12 down
- 47 39 down plus 37 down

**Solution:**

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