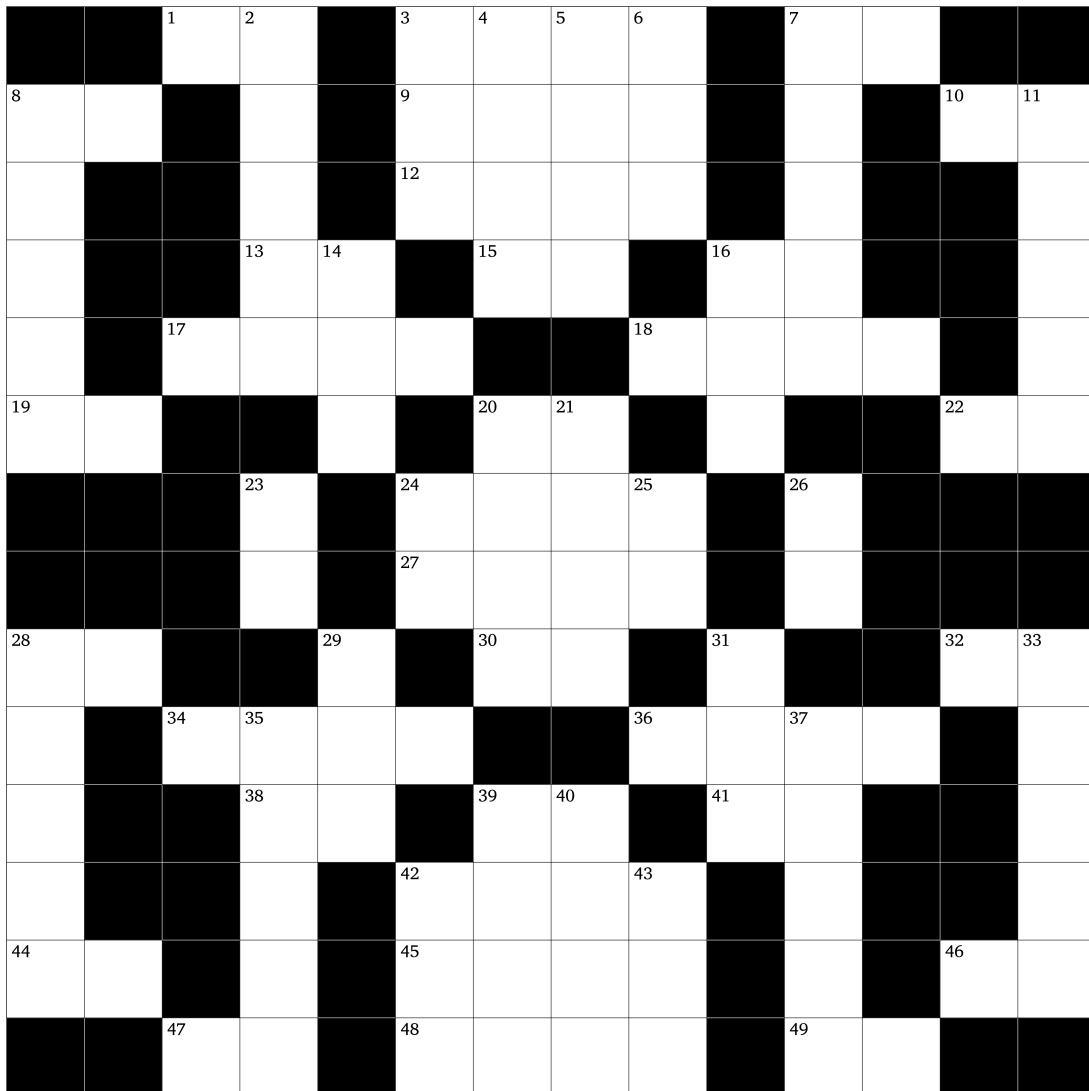


CrossFigure - Hard Puzzle #20

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 29 down minus 32 across
- 3 One thousand thirty-nine more than 20 down
- 7 Twice the result of 20 across minus 22 across
- 8 A square
- 9 38 across times 49 across
- 10 1 across minus 22 across
- 12 Five times a prime number
- 13 8 across minus half of 39 across
- 15 16 across plus 46 across
- 16 47 across minus 41 across
- 17 Sixty times a prime number
- 18 A square
- 19 26 down plus 47 across
- 20 29 down minus 13 across
- 22 19 across minus 38 across
- 24 Twice the result of 8 down minus 11 down
- 27 Rearranged digits of 5 down
- 28 Half of 3 down, then subtract 16 down
- 30 19 across minus 32 across
- 32 Four times 46 across
- 34 Thirteen times a prime number
- 36 Twelve times a prime number
- 38 42 down minus 47 across
- 39 28 across minus 46 across
- 41 Mean of 20 across and 39 across
- 42 Mean of 4 down and 6 down
- 44 19 across minus 24 down
- 45 37 down minus 27 across
- 46 23 down minus 1 across
- 47 17 across minus half of 3 across
- 48 Ten times a square
- 49 A square

Down

- 2 A prime number
- 3 Last two digits are the same as 39 across
- 4 Mean of 20 down and 23 down
- 5 Mean of 36 across and 31 down
- 6 Mean of 43 down and 26 down
- 7 Nineteen times a prime number
- 8 Forty-seven times a prime number
- 11 Six thousand thirty-one less than 33 down
- 14 A prime number
- 16 Four times 47 across
- 20 34 across minus 10 across
- 21 Seventy times 41 across
- 23 44 across plus 46 across
- 24 Mean of 26 down and 10 across
- 25 26 down plus 39 across
- 26 21 down divided by 19 across
- 28 Mean of 33 down and 48 across
- 29 32 across plus 44 across
- 31 Eight times a prime number
- 33 Five thousand four hundred nineteen less than 2 down
- 35 Seventy-two times a prime number
- 37 Thirty-two times a prime number
- 39 Consecutive digits unordered
- 40 7 down minus 35 down
- 42 A cube
- 43 Twenty times a prime number

Solution:

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