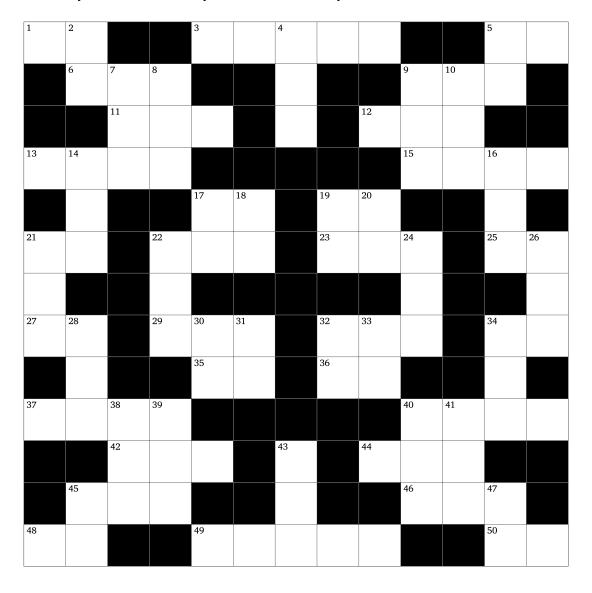


CrossFigure - Challenging Puzzle #50

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 across divided by 21 across
- **3** Seventy times a prime number
- **5** 4 down minus 22 across
- 6 41 down minus 17 down
- 9 Mean of 27 across and 9 down
- 11 46 across minus 47 down
- **12** 40 down plus 48 across
- **13** 31 down times 32 across
- 15 24 down times 36 across
- 17 Mean of 30 down and 31 down
- **19** A square
- 21 17 down minus 32 down
- 22 28 down minus 42 across
- 23 32 across minus 36 across
- 25 26 down minus half of 28 down
- 27 16 down divided by five
- 29 Nine times 5 down
- 32 13 across divided by 5 down
- 34 30 down minus 17 down
- **35** 42 across minus 14 down
- **36** Mean of 1 across and 34 across
- 37 9 down plus 43 down
- **40** A prime number
- 42 Mean of 31 down and 4 down
- **44** Eight times a prime number
- **45** 20 down times 19 across
- 46 26 down minus 35 across
- 48 25 across plus 32 down
- 49 First three digits are the same as 34 down
- **50** 29 across divided by 1 across

Down

- 2 42 across minus 34 down
- 4 22 down plus 18 down
- 5 38 down minus 9 down
- 7 11 across plus 41 down
- 8 7 down minus 41 down
- 9 38 down minus 31 down
- 10 Twice the result of 14 down plus 21 across
- **14** 40 down minus 42 across
- 16 49 across minus half of 3 across
- 17 50 across plus 32 down
- 18 Mean of 33 down and 34 across
- 19 9 down minus 24 down
- 20 25 across minus 17 across
- 21 Half of 44 across, then subtract 42 across
- 22 Mean of 6 across and 19 down
- 24 33 down plus 19 across
- 26 41 down minus 23 across
- 28 29 across plus 10 down
- **30** 35 across minus 50 across
- **31** 2 down plus 34 across
- **32** 20 down plus 18 down
- **33** A cube
- 34 Its digits total 34 across
- **38** 21 down plus 25 across
- **39** 44 across minus 1 across
- 40 Mean of 26 down and 23 across
- **41** Forty-eight times 34 across
- **43** 7 down plus 36 across
- 45 4 down minus 10 down
- **47** 18 down plus 32 down

Solution:

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