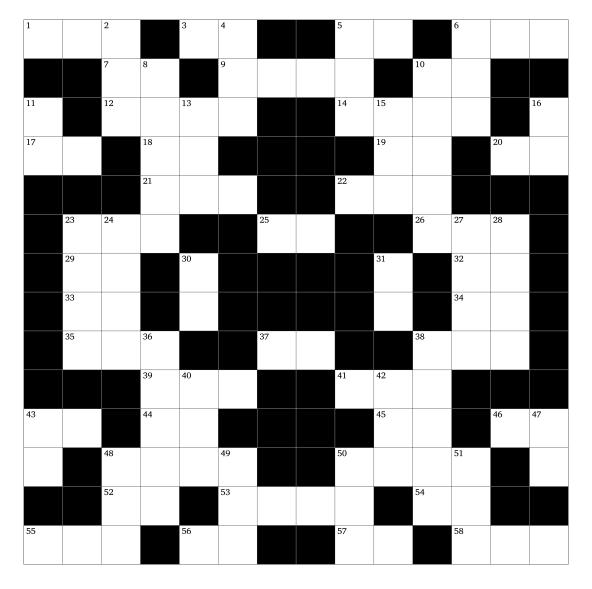


CrossFigure - Challenging Puzzle #8

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 Half of 6 across, then subtract 44 across
- 3 38 across minus 4 down
- **5** 31 down minus 45 across
- 6 Mean of 39 across and 51 down
- **7** 29 across plus 43 across
- **9** 35 across times 29 across
- 10 7 across minus 33 across
- 12 Thirteen times a prime number
- 14 Eight hundred seven less than 23 down
- 17 Mean of 11 down and 43 down
- 18 54 across plus 34 across
- 19 52 across minus 30 down
- 20 40 down minus 48 down
- **21** 30 down plus 39 across
- **22** 5 across times 37 across
- 23 33 across times 7 across
- 25 Mean of 43 across and 11 down
- 26 50 across minus 40 down
- **29** 23 across divided by 7 across
- **32** Mean of 45 across and 37 across
- 33 19 across minus 54 across
- 34 23 across divided by twenty
- 35 9 across divided by 33 across
- **37** A square
- 38 13 down minus half of 31 down
- 39 30 down times 20 across
- **41** 46 across plus 44 across
- **43** Four times 20 across
- 44 19 across plus 25 across
- 45 Mean of 29 across and 19 across
- 46 Mean of 52 across and 25 across
- **48** Three times a prime number
- 50 9 across minus 28 down
- **52** 6 down minus 4 down
- 53 Mean of 28 down and 5 down
- 54 41 across minus 50 down
- **55** 35 across minus 57 across
- 56 Mean of 10 across and 43 across
- 57 58 across minus half of 55 across
- **58** 13 down minus 11 down

Down

- 2 4 down minus 3 across
- 4 6 across minus 52 across
- **5** Mean of 48 down and 46 across
- **6** 33 across plus 13 down
- **8** Sixty times a prime number
- 10 Its digits total 16 down
- 11 Two-thirds of 32 across
- 13 6 down minus 29 across
- **15** A cube
- 16 Same as 20 across
- 23 28 down minus 3 across
- **24** Eight times a prime number
- **27** Seventeen times a prime number
- **28** 23 down plus 11 down
- **30** Same as 32 across
- **31** 41 across minus 52 across
- 36 Mean of 8 down and 45 across
- **38** Three times a prime number
- **40** 48 down plus 16 down
- **42** 38 across minus 44 across
- 43 Same as 43 across
- 47 One-tenth of 21 across
- 48 27 down minus half of 6 down
- 49 Mean of 40 down and 38 across
- **50** 57 across plus 37 across
- **51** 49 down minus half of 19 across

Solution:

1	9	4		1	4			5	2		5	6	2
		8	6		9	8	3	0		7	6		
1		5	Ŧ	5	9			Ŧ	3	1	2		1
4	5		7	5					4	2		1	9
			4	2	0			8	3	2			
	8	6	0			4	5			7	1	8	
	1	0		2					7		2	1	
	1	0		1					8		4	3	
	9	8	3			1	6			5	1	3	
			3	9	9			1	4	1			
Ŧ	6		8	7					2	6		5	4
6		٩	8	9	7			1	6	9	7		2
		6	3		4	3	2	0		3	2		
8	9	0		7	6			٩	3		5	3	8