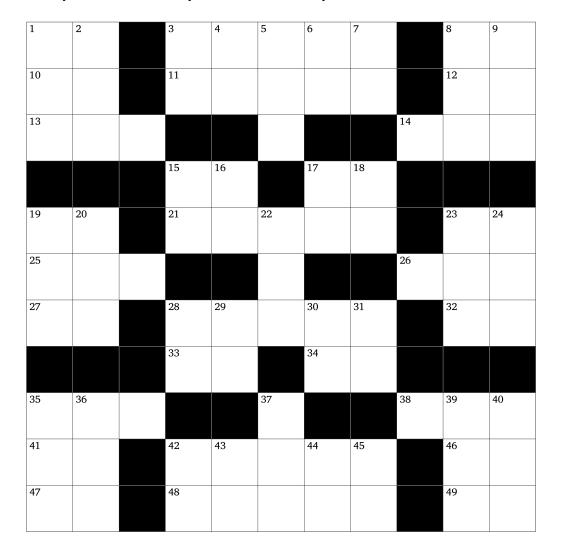


# **CrossFigure - Hard Puzzle #11**

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** 17 down plus 15 across
- 3 First two digits are the same as 42 down
- **8** 6 down minus half of 7 down
- **10** 45 down plus 16 down
- 11 Six thousand eight hundred ninety-seven less than 3 across 5 13 across minus 49 across
- 12 Mean of 49 across and 47 across
- 13 3 down plus 38 across
- 14 35 across minus 41 across
- 15 36 down divided by 43 down
- 17 Mean of 17 down and 28 down
- **19** 46 across plus 17 across
- **21** Twice a prime number
- 23 47 across minus 29 down
- **25** Twenty-five times 1 across
- **26** 4 down plus 10 across
- 27 Mean of 10 across and 19 across
- 28 Half of 21 across, then subtract 19 across
- **32** 31 down plus 8 across
- 33 Mean of 26 across and 44 down
- **34** 49 across plus 17 down
- 35 Mean of 24 down and 35 down
- 38 Twice the result of 5 down minus 35 across
- **41** 15 down plus 4 down
- **42** Thirty-nine times a prime number
- 46 18 down reversed
- **47** 29 down plus 15 down
- 48 First two digits are the same as 4 down
- 49 Mean of 44 down and 33 across

#### Down

- 1 14 across minus 1 across
- **2** 42 across minus 3 across
- **3** 43 down plus 41 across
- 4 17 down plus 29 down
- 6 Mean of 27 across and 41 across
- **7** 8 across plus 16 down
- 8 Mean of 19 down and 29 down
- **9** 48 across divided by 27 across
- 15 26 across minus 42 down
- 16 33 across minus 6 down
- **17** 24 down minus 35 down
- 18 Twice the result of 3 down minus 49 across
- **19** 40 down plus 45 down
- 20 38 across minus 6 down
- 22 Half of 13 across, then subtract 8 down
- 23 7 down plus 19 across
- 24 8 across plus 40 down
- 28 27 across minus 47 across
- **29** 12 across minus 4 down
- **30** 48 across divided by 9 down
- 31 Same as 4 down
- 35 Mean of 20 down and 49 across
- 36 Mean of 22 down and 13 across
- **37** 25 across minus 34 across
- 39 Mean of 25 across and 20 down
- 40 Mean of 39 down and 44 down
- **42** 18 down plus 41 across
- **43** 44 down minus 17 down
- **44** 3 down minus 47 across
- 45 Twice the result of 23 down minus 33 across

## **Solution:**

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