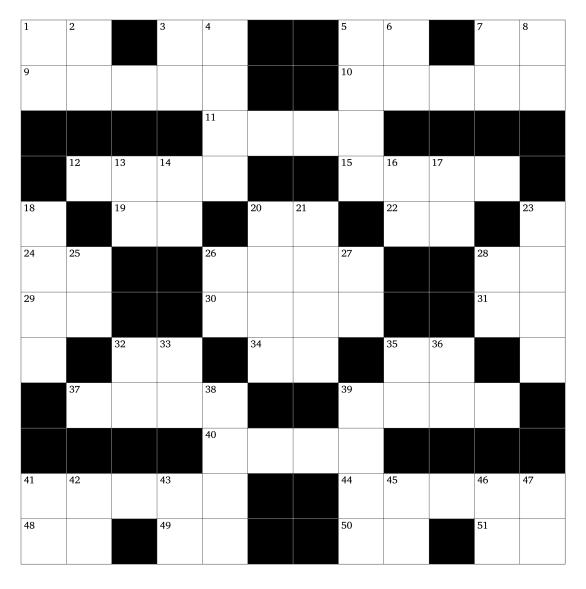


# **CrossFigure - Hard Puzzle #14**

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 8 down minus 32 down
- 3 Mean of 7 down and 7 across
- 5 35 across minus 7 down
- 7 32 down plus 28 across
- **9** A prime number
- 10 23 down times 6 down
- 11 5 down minus 16 down
- 12 14 down plus 40 across
- 15 Twice the result of 30 across minus 2 down
- **19** 46 down plus 33 down
- 20 14 down minus half of 19 across
- 22 2 down plus 7 down
- 24 3 across plus 34 across
- **26** Four times a prime number
- 28 Mean of 1 across and 33 down
- 29 34 across plus 26 down
- 30 37 across minus 49 across
- 31 5 across plus 36 down
- **32** 1 across minus 47 down
- **34** 41 across divided by 39 across
- **35** Twice the result of 49 across plus 32 down
- 37 9 across minus 38 down
- **39** Sixty times a prime number
- **40** Ninety-eight times 51 across
- **41** Fourteen thousand three hundred thirty-one more than 10 across
- 44 Ninety-eight times a prime number
- 48 29 across minus 13 down
- **49** 2 down minus 32 across
- 50 Mean of 7 across and 7 down
- 51 Mean of 28 across and 43 down

#### **Down**

- 1 8 down minus 16 down
- 2 Mean of 28 across and 5 across
- **3** 17 down reversed
- **4** Twice the result of 11 across minus 16 down
- **5** 28 down plus half of 40 across
- **6** A square
- **7** 40 across divided by ninety-eight
- **8** 18 down minus half of 12 across
- 13 31 across minus 25 down
- **14** 24 across reversed
- **16** 35 across minus 48 across
- 17 A square
- **18** Twenty-five times a prime number
- **20** Three times a prime number
- 21 Fifty-six times a prime number
- 23 10 across divided by 28 down
- **25** Three times 17 down
- 26 Mean of 35 down and 50 across
- 27 31 across minus 17 down
- **28** A square
- 32 A square
- 33 26 down minus 3 down
- 35 8 down minus 16 down
- 36 32 down plus 51 across
- **38** Twice a prime number
- 39 26 across minus half of 47 down
- 41 Mean of 48 across and 31 across
- 42 Four times 34 across
- 43 1 across minus 32 across
- 45 Mean of 17 down and 22 across
- 46 Mean of 25 down and 3 across
- **47** Mean of 41 down and 6 down

## **Solution:**

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