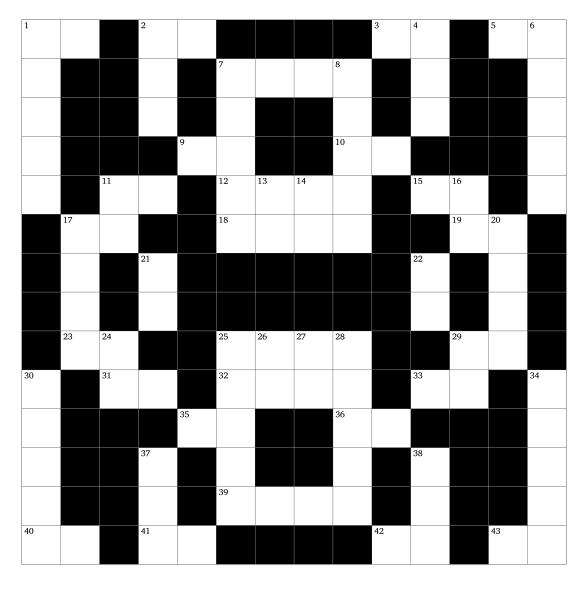


# **CrossFigure - Hard Puzzle #25**

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 Mean of 35 across and 11 down
- 2 35 across minus 11 down
- 3 Mean of 22 down and 43 across
- 5 Mean of 19 across and 14 down
- 7 37 down plus half of 24 down
- **9** Mean of 35 across and 33 across
- 10 29 down plus 3 across
- 11 13 down minus 43 across
- 12 1 down divided by 22 down
- 15 33 across reversed
- 17 9 across minus 22 down
- 18 Seventy-four times 31 across
- 19 Mean of 9 across and 40 across
- 23 Mean of 3 across and 41 across
- 25 20 down minus 21 down
- 29 Mean of 22 down and 43 across
- **31** 9 across minus 15 across
- **32** One thousand three hundred thirty-one more than 12 across
- **33** Mean of 1 across and 9 across
- **35** Three times 40 across
- 36 31 across reversed
- **39** 30 down minus 13 down
- **40** 17 across minus half of 2 across
- 41 Mean of 13 down and 42 across
- 42 Twice the result of 41 across minus 3 across
- **43** 26 down minus 21 down

#### **Down**

- 1 11 across times 12 across
- **2** Eight times a prime number
- 4 11 across times 1 across
- 6 Mean of 25 down and 28 down
- **7** Five times a prime number
- **8** Thirty-four times a prime number
- **11** 34 down divided by 2 down
- 13 Mean of 2 across and 24 down
- 14 Mean of 22 down and 24 down
- **16** 9 across minus 11 across
- 17 32 across plus half of 43 across
- 20 Five times a prime number
- **21** 43 across minus 31 across
- 22 4 down divided by 1 across
- 24 10 across plus 11 across
- **25** Thirty-seven times a prime number
- 26 19 across plus 40 across
- 27 Mean of 24 down and 43 across
- **28** Fifty-nine times a prime number
- **29** 10 across minus 29 across
- **30** Eighty-three times a square
- **34** Eight hundred five more than 7 down
- **37** Twenty-nine times 40 across
- **38** 18 across divided by 15 across

## **Solution:**

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