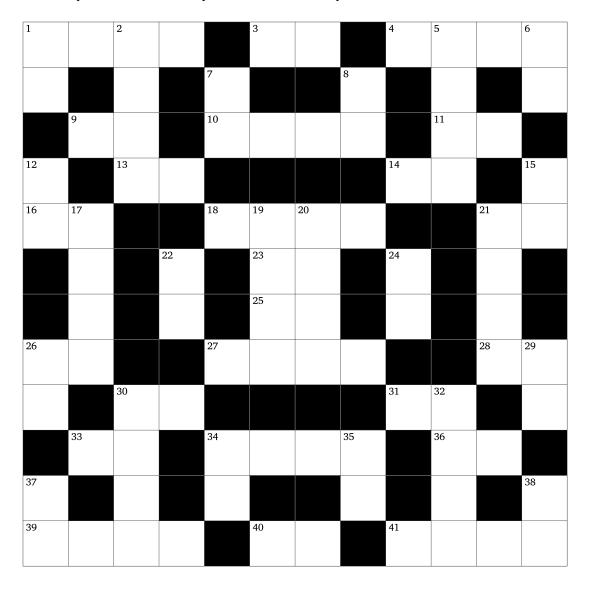


# **CrossFigure - Hard Puzzle #19**

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** Eight times a prime number
- **3** 26 down minus 28 across
- 4 Half of 5 down, then subtract 7 down
- **9** A square
- 10 Mean of 39 across and 17 down
- 11 Sum of digits in 30 down
- 13 Half of 24 down, then subtract 9 across
- 14 33 across minus 36 across
- 16 8 down plus 9 across
- **18** 34 across minus 14 across
- **21** 34 down minus 11 across
- 23 Twice 12 down
- 25 Mean of 26 down and 16 across
- **26** 31 across plus 1 down
- 27 21 across times 14 across
- 28 26 across minus 1 down
- 30 28 across minus 29 down
- 31 26 down minus 40 across
- **33** 26 down plus 3 across
- **34** 18 across plus 6 down
- 36 2 down minus 4 across
- **39** Twenty-nine times a prime number
- **40** 30 across minus 11 across
- **41** 1 across plus 37 down

#### **Down**

- 1 Three-fourths of 9 across
- 2 Mean of 20 down and 34 down
- **5** Thirty-four times a square
- 6 33 across minus 36 across
- 7 Mean of 1 down and 15 down
- 8 21 down divided by 22 down
- 12 A square
- 15 36 across minus 12 down
- 17 Five hundred ninety-five more than 27 across
- **19** Four times a prime number
- **20** Eight times a prime number
- 21 Three hundred eight more than 19 down
- 22 11 across plus 8 down
- 24 8 down minus 15 down
- 26 3 across plus 31 across
- 29 23 across minus 24 down
- **30** A prime number
- 32 Mean of 19 down and 16 across
- **34** 30 across plus 36 across
- **35** Mean of 38 down and 40 across
- 37 Mean of 6 down and 8 down
- 38 12 down minus 15 down

## **Solution:**

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