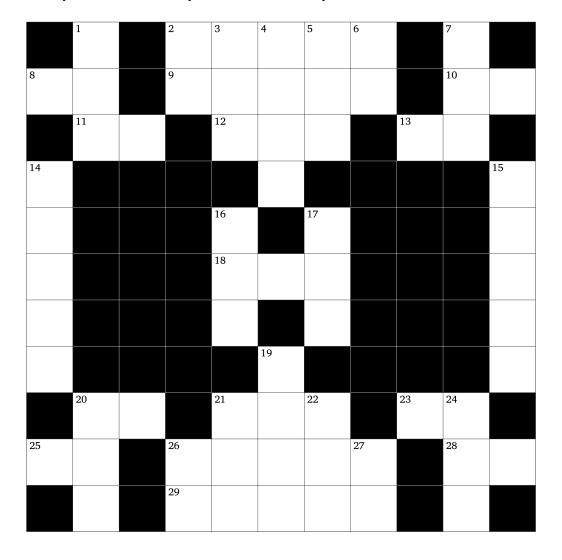


# **CrossFigure - Challenging Puzzle #36**

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

- **2** Four thousand five hundred five less than 29 across
- 8 A square
- **9** First two digits are the same as 8 across
- 10 21 down minus 18 across
- 11 Half of 28 across, then subtract 26 down
- 12 Thirty-eight times 25 across
- 13 Twice the result of 14 down minus 4 down
- 18 21 across minus 26 down
- 20 Half of 10 across
- 21 21 down minus 25 across
- 23 24 down divided by 13 across
- 25 A prime number
- **26** Seven thousand four hundred sixty-four less than 9 across
- 28 13 across plus 6 down
- **29** Fifteen times a square

#### **Down**

- 1 12 across minus half of 3 down
- 2 21 down minus 21 across
- 3 Mean of 16 down and 21 down
- 4 14 down minus 20 across
- **5** 29 across divided by 27 down
- **6** Twice the result of 22 down minus 16 down
- 7 Six times 20 down
- **14** Four times a prime number
- **16** Thirty-seven times 20 across
- 17 8 across plus half of 7 down
- **19** Its digits total 20 across
- 20 Mean of 18 across and 2 down
- 21 15 down divided by 21 across
- **22** Consecutive digits in descending order
- 24 23 across times 10 across
- 26 Mean of 2 down and 23 across
- 27 Mean of 8 across and 28 across

## **Solution:**

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