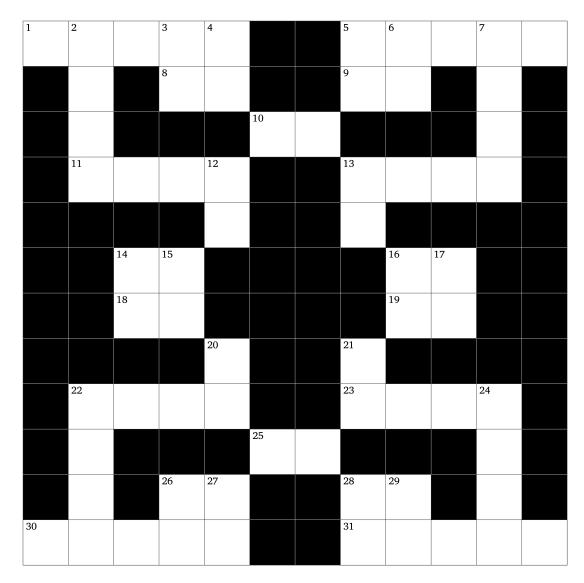
## Difficulty: ★★☆☆☆

# CrossFigure - Challenging Puzzle #18

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** Three times a prime number
- **8** 14 across minus 21 down
- 9 5 across divided by 23 across
- **10** 20 down plus half of 28 down
- **11** 19 across times 25 across
- 13 31 across divided by fourteen
- 14 1 across minus half of 30 across
- 16 8 across minus 28 across
- 18 Twice the result of 16 down plus 17 down
- 19 Same as 12 down
- **22** 26 down times 13 down
- **23** Thirty-nine times a square
- **25** Mean of 26 down and 12 down
- **26** 22 across divided by 13 down
- **28** Twice the result of 29 down minus 21 down
- **30** Last two digits are the same as 27 down
- **31** Three thousand six hundred two less than 30 across

#### Down

- **2** Eight times a prime number
- **3** Half of 2 down, then subtract 7 down
- **4** 8 across plus 27 down
- **5** 14 across plus 14 down
- 6 Mean of 5 down and 13 down
- **7** Thirty-two times a prime number
- 12 11 across divided by 25 across
- **13** 14 across minus 9 across
- 14 A square
- **15** 14 across reversed
- ${\bf 16}$  Mean of 16 across and 15 down
- **17** 21 down plus 9 across
- 20 19 across minus 28 down
- **21** 14 down minus 13 down
- **22** Twenty-four times a prime number
- **24** Twice the result of 22 down plus 4 down
- **26** Same as 26 across
- **27** Mean of 9 across and 12 down
- **28** 31 across divided by 13 across
- 29 16 across plus 3 down

### Solution:

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