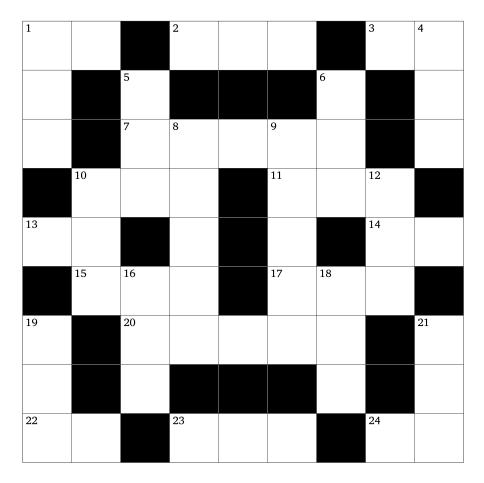
## Difficulty: ★★☆☆☆

# CrossFigure - Challenging Puzzle #13

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 13 across and 24 across
- **2** Twice the result of 10 across plus 6 down
- **3** A square
- **7** Seventy-two times a prime number
- 10 A cube
- **11** 18 down plus 12 down
- **13** 16 down minus 10 down
- 14 16 down minus half of 15 across
- **15** Twice a prime number
- **17** Seventy times a square
- **20** Twice a prime number
- **22** 10 across minus 24 across
- 23 Mean of 14 across and 21 down
- **24** All digits are the same

#### Down

- **1** 9 down divided by 23 across
- 4 23 across plus 1 across
- **5** Mean of 19 down and 3 across
- 6 A square
- 8 Mean of 20 across and 24 across9 Last two digits are the same as last two digits of 19 down
- 10 Mean of 4 down and 13 across
- **12** Five times 14 across
- **16** Three times a prime number
- **18** A cube
- 19 Seven times a prime number
- **21** 22 across plus 1 across

Solution:

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