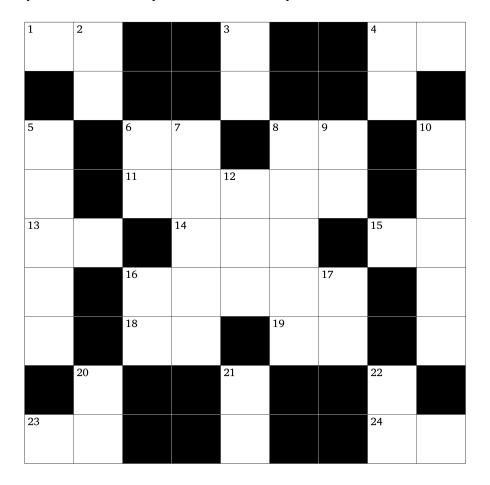


# **CrossFigure - Challenging Puzzle #33**

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 2 down plus 3 down
- 4 17 down plus half of 16 down
- **6** 13 across minus 21 down
- 8 A cube
- **11** Seventy-four times a prime number
- **13** Twice the result of 1 across minus 19 across
- **14** Consecutive digits unordered
- **15** A cube
- **16** Mean of 10 down and 3 down
- **18** 20 down plus 8 across
- **19** Mean of 16 down and 15 across
- 23 Mean of 4 across and 9 down
- 24 23 across minus 6 down

#### **Down**

- 2 Mean of 4 down and 6 across
- 3 4 down minus 6 down
- 4 1 across minus 8 across
- 5 One thousand six hundred four less than 10 down
- **6** 9 down minus 15 across
- **7** Seventy-eight times a prime number
- 8 Mean of 5 down and 20 down
- 9 8 across plus 19 across
- 10 Eight thousand six hundred eighty-nine more than 7 down
- 12 7 down divided by 9 down
- 16 3 down minus 22 down
- 17 6 down reversed
- **20** 13 across minus 8 across
- **21** Mean of 9 down and 15 across
- 22 18 across minus 21 down

## **Solution:**

9	4			5			6	0
	1			3			7	
5		1	5		2	7		6
9		4	2	6	9	8		1
8	6		8	F	9		6	4
9		3	0	Ŧ	f	4		9
1		8	6		5	1		5
	5			7			1	
6	9			1			5	5