

## CrossFigure - Intermediate Puzzle #32

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:

- "Words" may not start with a zero.
- "Words" read from left to right and top to bottom.
- There is one unique solution which satisfies all the clues given below.
- Some "words" may not have clues. They will be determined by the "words" which intersect them.

1	2				3	
	4	5	6	7		
		8				
9					10	
		11		12		
	13				14	
15					16	

### Across

- 1 Mean of 7 down and 9 across
- 3 A cube
- 4 1 across plus half of 6 down
- 8 3 across times 14 down
- 9 16 across plus 10 across
- 10 A square
- 11 12 down times 3 down
- 15 11 down plus half of 14 down
- 16 3 across plus 12 down

### Down

- 2 Half of 5 down, then subtract 3 across
- 3 Twice 2 down
- 5 13 down minus 2 down
- 6 Consecutive digits unordered
- 7 Two-thirds of 13 down
- 11 12 down plus 14 down
- 12 9 across divided by four
- 13 Consecutive digits in descending order
- 14 Half of 16 across

**Solution:**

7	1				2	7
	1	7	3	5	2	
		6	4	8		
8	4		5		3	6
		4	6	2		
	8	5	2	1	2	
5	7				4	8