

CrossFigure - Intermediate Puzzle # 1

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	17
18			19			20	

Across

- 1 Half of 12 down, then subtract 1 down
- 3 7 across minus 16 down
- 5 Two-thirds of 15 down
- 7 Mean of 12 across and 18 across
- 8 7 across minus 2 down
- 9 14 down minus 2 down
- 12 Twice the result of 17 down plus 3 across
- 14 13 down minus 17 down
- 16 Mean of 5 down and 8 across
- 18 Two-thirds of 13 down
- 19 14 down minus 9 across
- 20 13 down plus 16 down

Down

- 1 Mean of 6 down and 3 across
- 2 Same as 19 across
- 3 16 across minus half of 5 across
- 4 18 across plus 8 across
- 5 13 down divided by five
- 6 14 down minus 19 across
- 10 Twenty-four times a prime number
- 11 Sixty-two times a square
- 12 7 across plus 1 down
- 13 Mean of 20 across and 1 across
- 14 15 down plus 9 across
- 15 14 down minus 6 down
- 16 Half of 11 down, then subtract 10 down
- 17 8 across minus 16 across

Solution:

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