

CrossFigure - Intermediate Puzzle #41

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.

			1	2	3			
			4					
5	6		7				8	9
10							11	
12					13			
14				15			16	
17			18		19		20	
			21					
			22					

Across

- 1 21 across divided by eight
- 4 14 across times 8 across
- 5 17 across minus 8 across
- 7 21 across minus 3 down
- 8 19 down divided by forty
- 10 1 across minus half of 17 across
- 11 Three times a prime number
- 12 Fifty-two times a prime number
- 13 Eighty times 1 across
- 14 1 down minus 1 across
- 16 Three times 20 across
- 17 Consecutive digits in descending order
- 18 Half of 22 across, then subtract 11 across
- 20 22 across divided by forty-five
- 21 13 across divided by 20 across
- 22 Fifteen times 16 across

Down

- 1 12 across divided by 14 across
- 2 Five times 7 across
- 3 8 across times 5 across
- 5 Last two digits are the same as last two digits of 15 down
- 6 Six hundred sixty-four more than 9 down
- 8 A prime number
- 9 Third, fourth, and fifth digits are the same
- 15 2 down plus 16 across
- 18 Mean of 10 across and 7 across
- 19 Sixty-eight times 20 across

Solution:

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