

Difficulty: ☆☆☆☆☆

Cross Figure - Beginner Puzzle #21

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
			4		0					
		7				8		6		
9	10						11	12		
	8						9			
	13		9		14		15	2	1	
					4					
16				17	6	5		18		
	19	20			7		21			
22		3	1				23	9	24	
	1		25	26		27		3		
9		28		2						3

Across

- 2 28 across minus half of 20 down
- 7 Mean of 26 down and 18 across
- 8 25 across minus 18 across
- 9 6 down minus 24 down
- 11 Twice the result of 14 down plus 16 across
- 13 8 across minus 19 across
- 15 Mean of 16 across and 19 across
- 16 26 down minus 19 across
- 17 Twice the result of 22 down minus 27 across
- 18 26 down minus 21 across
- 19 Half of 27 down, then subtract 21 across
- 21 11 across divided by fifty-two
- 22 Mean of 15 across and 1 down
- 23 8 across plus 11 across
- 25 5 down divided by thirteen
- 27 8 across plus 7 across
- 28 A prime number

Down

- 1 13 across squared
- 2 A prime number
- 3 A prime number
- 4 Four times 18 across
- 5 23 across plus 4 down
- 6 Consecutive digits unordered
- 10 Twenty-three times a prime number
- 12 Sixty-seven times a prime number
- 14 A prime number
- 20 Thirty-two times a prime number
- 21 5 down plus 1 down
- 22 A prime number
- 24 One hundred forty-six more than 14 down
- 26 Half of 25 across
- 27 Consecutive digits in descending order

Solution:

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