

Difficulty: ☆☆☆☆☆

Cross Figure - Beginner Puzzle #18

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
							7	
		6	8			7	6	
				8	9			
		10		11	2		12	
	13		14			15		16
	17					18	2	8
				19	20	9		
				21	8			
22	9		23			24	7	25
27				28			29	

Across

- 1 Five times a prime number
- 3 Mean of 23 across and 1 down
- 4 Seventy-three times 1 down
- 6 19 across plus half of 19 down
- 7 Three-fourths of 4 down
- 8 Mean of 6 across and 17 across
- 11 8 across minus 16 down
- 13 25 down plus 6 across
- 15 Five times a prime number
- 17 11 across plus 9 down
- 18 Four times a prime number
- 19 4 down minus 25 down
- 21 Mean of 23 across and 5 down
- 23 Same as 14 down
- 24 1 down plus 7 across
- 27 15 across minus half of 28 across
- 28 Mean of 23 across and 11 across
- 29 Mean of 18 across and 1 down

Down

- 1 16 down minus 11 across
- 2 13 down plus half of 8 down
- 4 Mean of 29 across and 1 down
- 5 Mean of 7 across and 24 across
- 8 15 down plus 9 down
- 9 13 across minus half of 14 down
- 10 Twice the result of 12 down minus 4 across
- 12 Thirty-five times 28 across
- 13 15 down minus 25 down
- 14 29 across minus 16 down
- 15 3 across minus 25 down
- 16 5 down minus 1 down
- 19 Same as 2 down
- 20 15 down plus 19 down
- 22 Mean of 8 across and 20 down
- 23 1 across minus 16 down
- 25 1 down reversed
- 26 Twice the result of 24 across minus 3 across

Solution:

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