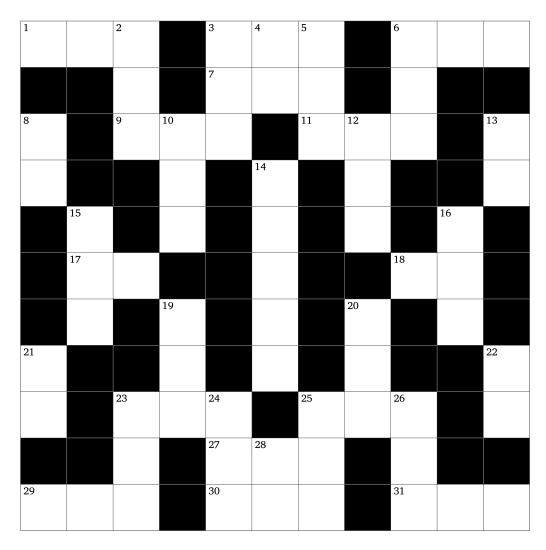


CrossFigure - Challenging Puzzle #39

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.



Across

- **1** 24 down plus 29 across
- **3** Mean of 19 down and 12 down
- 6 Half of 12 down
- 7 21 down plus 5 down
- **9** Twice the result of 12 down plus 8 down
- **11** Seventeen times a square
- 17 23 down minus 30 across
- **18** 20 down divided by four
- **23** Nineteen times a prime number
- **25** Mean of 19 down and 10 down
- 27 Rearranged digits of 2 down
- **29** A prime number
- **30** Two hundred six less than 5 down
- **31** 3 across plus half of 1 across

Down

- ${f 2}$ Twice the result of 29 across plus 21 down
- **3** 1 across plus 4 down
- **4** 30 across divided by nine
- **5** Mean of 7 across and 31 across
- **6** Last two digits are the same as 8 down
- 8 18 across plus 17 across
- **10** Twice a prime number
- 12 2 down minus 28 down
- 13 Mean of 18 across and 15 down
- **14** 5 down times 17 across
- 15 30 across minus 3 down
- 16 30 across plus 28 down
- 19 25 down minus 20 down
- **20** Mean of 6 across and 22 down
- 21 5 down minus 31 across
- 22 A square
- **23** 23 across plus half of 18 across
- 24 Half of 7 across, then subtract 6 down
- 25 11 across plus half of 4 down
- 26 Twice the result of 15 down plus 13 down
- ${\bf 28}$ Two more than 4 down

Solution:

5	1	4		5	7	٩		1	٩	٩
		F		٩	8	0		4		
4		8	8	2		8	3	3		6
3			8		1		٩			٩
	1		6		3		8		f	
	1	5			6			2	8	
	0		F		2		1		2	
F			6		0		1			2
2		F	0	3		8	2	3		5
		1		4	8	7		5		
1	6	7		7	0	2		8	3	6