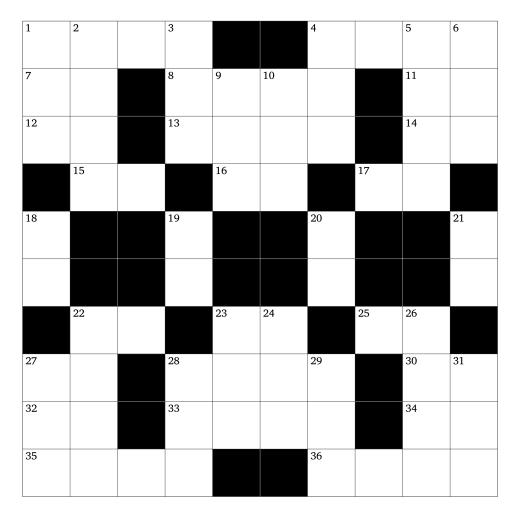
Difficulty: $\bigstar \bigstar \bigstar \bigstar \bigstar$

CrossFigure - Challenging Puzzle #7

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 28 down plus 22 down
- **4** Twice a prime number
- 7 A square
- **8** Three times a prime number
- **11** Mean of 28 down and 25 across
- **12** 31 down divided by 7 across
- 13 A palindrome
- 14 Mean of 16 across and 21 down
- **15** 18 down plus 25 across
- 16 7 across minus 32 across
- **17** 18 down minus 16 across
- **22** 27 across minus 25 across
- 23 A prime number
- **25** 26 down minus 1 across
- 27 Mean of 17 across and 18 down
- 28 A prime number
- **30** 7 across minus 32 across
- **32** 3 down divided by 22 across
- **33** Sixty-six times a prime number
- 34 Half of 4 across, then subtract 33 across
- **35** Mean of 5 down and 11 across
- 36 Sixty-eight times 23 across

Down

- 1 16 across plus 27 down
- 2 Thirty-five times 19 down
- **3** 31 down minus 15 across
- 4 28 across minus 19 down
- 6 25 across times 20 down
- **9** A prime number
- 10 4 down minus 20 down
- **18** Mean of 25 across and 7 across
- **19** 15 across minus half of 30 across
- **20** Mean of 27 across and 23 across
- **21** 23 down divided by six
- **22** Thirteen times a prime number
- 23 Six times 30 across
- 24 36 across minus 29 down
- **26** Thirteen times a prime number
- **27** 1 down minus 14 across
- **28** Twice the result of 28 across minus 9 down
- **29** Three times a prime number
- **31** 7 across times 34 across

Solution:

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