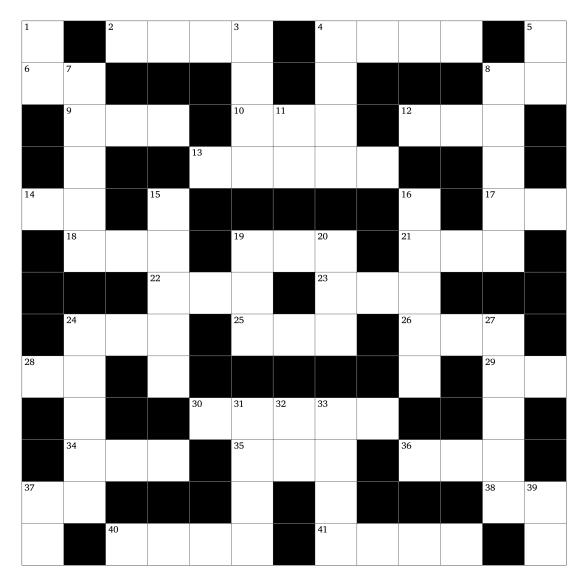
Difficulty: $\bigstar \bigstar \bigstar \bigstar$

CrossFigure - Challenging Puzzle #42

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

- **2** 26 across plus half of 34 across
- **4** Twice a prime number
- 6 26 across minus 9 across
- **8** Mean of 32 down and 29 across
- **9** 18 across minus 11 down
- 10 Half of 19 across, then subtract 17 across
- **12** A square
- 13 Four times a prime number
- 14 A square
- 17 37 down plus 11 down
- **18** A prime number
- **19** 2 across minus 6 across
- **21** 1 down times 37 across
- **22** A prime number
- 23 Mean of 26 across and 21 across
- **24** 41 across minus 22 across
- 25 19 down reversed
- 26 35 across minus 36 across
- 28 Mean of 39 down and 6 across
- **29** 16 down divided by 4 across
- **30** 31 down times 6 across
- 34 32 down plus 10 across
- **35** 18 across plus 11 down
- **36** Three times a prime number
- **37** A prime number
- **38** 25 across minus half of 14 across
- 40 36 across times 39 down
- 41 Six times a prime number

Down

- **1** 36 across divided by three
- **3** Twelve times a prime number
- **4** 9 across plus 23 across
- **5** A cube
- 7 Five thousand four hundred fifty more than 27 down
- 8 A prime number
- **11** A square
- **15** Twenty-two times 31 down
- **16** Thirty times a prime number
- **19** 25 across reversed
- **20** Mean of 19 down and 5 down
- **24** Seven thousand four hundred twenty-seven more than 13 across
- 27 Mean of 24 down and 28 across
- **31** Nine times a prime number
- **32** Three times 6 across
- **33** 7 down minus half of 15 down
- 37 13 across minus 8 down
- 39 Mean of 37 down and 36 across

Solution:

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