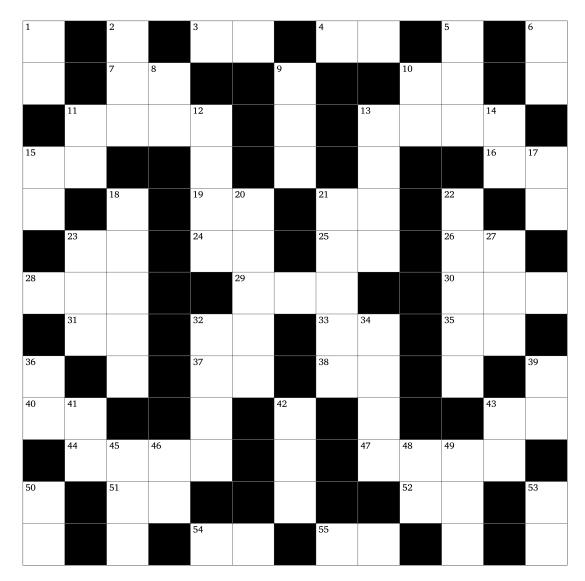
Difficulty: $\bigstar \bigstar \bigstar \bigstar \bigstar$

CrossFigure - Hard Puzzle #1

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

- **3** 55 across minus 46 down
- 4 22 down divided by 32 down
- 7 Mean of 16 across and 24 across
- **10** 32 across minus 43 down
- 11 Mean of 34 down and 41 down
- **13** Eight times a prime number
- 15 14 down plus 54 across
- **16** 15 across minus 4 across
- 19 Same as 24 across
- **21** Twice the result of 48 down minus 8 down
- **23** Sum of digits in 13 down
- **24** 29 across divided by 43 across
- **25** Mean of 41 down and 7 across
- **26** 12 down divided by 55 across
- **28** 29 across reversed
- **29** 49 down minus 23 down
- **30** 50 down plus 45 down
- **31** A square
- **32** 36 down plus 3 across
- **33** 17 down minus half of 10 across
- **35** 53 down plus 43 down
- **37** Mean of 46 down and 54 across
- **38** Mean of 40 across and 14 down
- 40 13 across minus 27 down
- 43 17 down plus 52 across
- **44** Nine times 30 across
- 47 Five hundred sixteen less than 44 across
- 51 11 down plus 37 across
- 52 11 down minus 3 across
- 54 23 across plus 10 down
- **55** 51 across plus 3 across

Down

- 1 7 across minus 54 across
- **2** Thirty-four times 3 across
- **5** 20 down divided by 15 across
- 6 54 across minus 23 across
- 8 A cube
- 9 49 down plus 7 across
- **10** 37 across minus 43 across **11** 43 across minus 23 across
- 12 35 across times 26 across
- **13** Thirty times 43 down
- 14 Mean of 31 across and 53 down
- **15** 28 across minus 16 across
- **17** 15 across minus 32 across
- 18 Twice the result of 21 down plus 31 across
- **20** 26 across times 5 down
- 21 First two digits are the same as first two digits of 11 across
- 22 First two digits are the same as first two digits of 12 down
- **23** 41 down plus 46 down
- 27 24 across plus 45 down
- **32** Fifty-four times a prime number
- **34** Ninety-one times 32 across
- **36** 37 across minus 23 across
- **39** A square
 - 41 33 across plus 53 down
 - **42** Mean of 2 down and 51 across
- 43 Mean of 52 across and 38 across
- 45 30 across minus 6 down
- **46** 54 across plus 32 across
- 48 29 across divided by 24 across
- **49** Twenty-one times 11 down
- **50** Half of 25 across, then subtract 1 down
- 53 10 across plus 48 down

Solution:

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