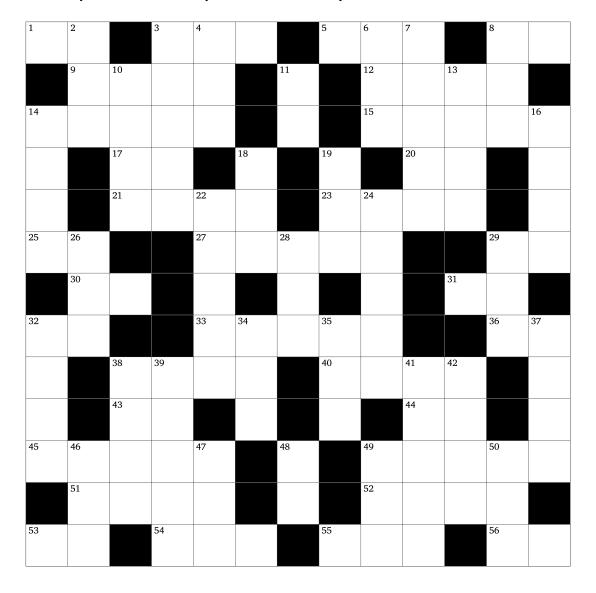


CrossFigure - Hard Puzzle #24

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 46 down minus 50 down
- 3 1 across plus 29 across
- **5** 23 across minus 40 across
- 8 49 down minus 55 across
- **9** Six times a prime number
- **12** Twice the result of 37 down plus 5 across
- 14 Nineteen times a prime number
- **15** Twice a prime number
- **17** 31 across minus 44 across
- **20** 52 across divided by thirty-four
- 21 48 down plus half of 38 across
- **23** Twice a prime number
- 25 55 across minus 30 across
- **27** Three times a prime number
- **29** 28 down minus 50 down
- 30 56 across plus 20 across
- **31** 3 across minus 1 across
- 32 17 across plus 8 across
- **33** Its digits total 20 across
- **36** Twice the result of 45 across minus 24 down
- **38** Twice a prime number
- 40 39 down minus 49 across
- 43 36 across minus 25 across
- 44 47 down minus half of 32 across
- 45 A prime number
- 49 Forty-two times a prime number
- **51** Twice a prime number
- **52** 2 down plus half of 53 across
- 53 36 across minus 20 across
- 54 29 down minus half of 30 across
- **55** Five times a prime number
- **56** Half of 16 down, then subtract 23 across

Down

- **2** Three times a prime number
- 3 Mean of 27 across and 4 down
- **4** A prime number
- **6** A prime number
- 7 Half of 15 across, then subtract 6 down
- 8 Seven times 32 across
- 10 A prime number
- 11 Mean of 30 across and 56 across
- **13** Twenty-six times a prime number
- **14** Six times a prime number
- **16** Four times a prime number
- **18** A palindrome
- 19 5 across minus 53 across
- 22 10 down plus half of 38 down
- **24** A prime number
- **26** Twice a prime number
- 28 31 across plus 50 down
- **29** 52 across minus 56 across
- **32** 19 down times 25 across
- 34 Two-thirds of 14 down
- 35 Mean of 18 down and 29 down
- **37** Twice a prime number
- **38** Twenty-two times a prime number
- 39 Six thousand seventy-seven less than 15 across
- **41** Three thousand nine hundred seventy-four more than 45
- **42** Twice a prime number
- 46 Mean of 35 down and 11 down
- **47** 5 across minus 8 across
- 48 31 across minus 56 across
- **49** Twice a prime number
- **50** Five times a prime number

Solution:

8	9		1	8	5		1	9	1		6	9
	٩	9	7	8		6		8	7	3	0	
1	3	6	6	1		7		3	7	4	2	6
4		1	7		4		1		3	0		3
4		3	Ŧ	1	Ŧ		3	1	0	6		1
6	3			3	4	4	7	3			9	6
	8	2		2		0		7		9	6	
8	6			5	9	1	7	8			8	4
6		Ŧ	3	4	6		2	9	1	5		1
3		2	1		4		1		7	9		Ŧ
1	3	8	3	1		4		2	8	4	3	4
	٩	2	4	2		4		1	0	2	0	
5	4		9	2	7		1	4	5		5	2