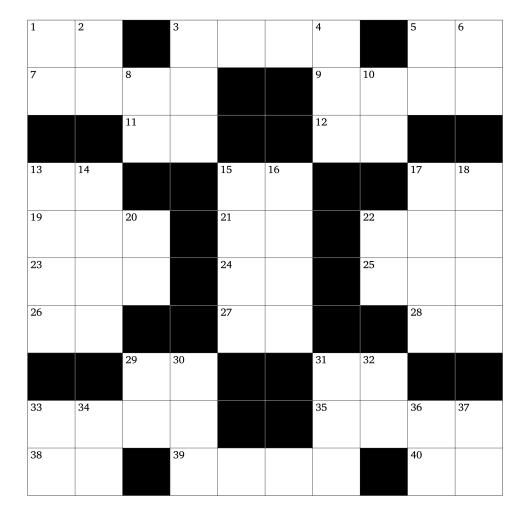


CrossFigure - Hard Puzzle #44

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 Mean of 29 across and 36 down
- 3 Mean of 13 down and 26 across
- **5** 13 across plus 21 across
- 7 19 across plus 20 down
- 9 Half of 18 down, then subtract 17 across
- 11 37 down minus 40 across
- 12 Twice the result of 10 down minus 38 across
- 13 27 across minus 10 down
- 15 Mean of 11 across and 29 down
- **17** 36 down plus 27 across
- 19 Mean of 29 down and 13 down
- 21 Half of 28 across
- 22 8 down times 15 across
- **23** 30 down minus 37 down
- 24 31 down divided by 21 across
- **25** Twice a prime number
- 26 34 down plus 31 across
- **27** A square
- **28** 3 down minus 11 across
- 29 Mean of 38 across and 27 across
- **31** 29 down plus 20 down
- **33** Twice a prime number
- **35** Thirty-two times a prime number
- **38** 11 across minus 8 down
- **39** 23 across times 11 across
- **40** 17 across minus 1 across

Down

- 1 29 down minus 13 across
- 2 39 across divided by 23 across
- 3 Twice 5 across
- 4 Mean of 13 across and 7 across
- **5** 24 across plus 22 down
- 6 Mean of 28 across and 29 down
- 8 17 across minus 27 across
- 10 31 down divided by twenty
- **13** Eight times a prime number
- **14** Six times 19 across
- **15** Six times a prime number
- 16 Half of 17 down, then subtract 5 across
- 17 First two digits are the same as 17 across
- **18** Seventy-three times 21 across
- 20 22 down minus 8 down
- 22 Mean of 13 across and 37 down
- 29 Twice the result of 27 across minus 33 down
- 30 Its digits total 34 down
- **31** Twenty times 12 across
- **32** 40 across plus half of 11 across
- **33** Mean of 1 across and 40 across
- 34 Mean of 1 down and 8 down
- 36 29 down minus 1 across
- **37** 20 down plus 21 across

Solution:

| 2 | 3 | | 1 | 0 | 0 | 5 | | 5 | 5 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 1 | 1 | | | 1 | 3 | 9 | 8 |
| | | 3 | 0 | | | 3 | 4 | | |
| 1 | 5 | | | 3 | 3 | | | 6 | 2 |
| 9 | 8 | 2 | | 4 | 0 | | 4 | 2 | 9 |
| 2 | 9 | 9 | | 1 | 7 | | 2 | 6 | 2 |
| 8 | 2 | | | 4 | 9 | | | 8 | 0 |
| | | 3 | 3 | | | 6 | 5 | | |
| 3 | 1 | 6 | 6 | | | 8 | 4 | 1 | 6 |
| 1 | 7 | | 8 | 9 | 7 | 0 | | 3 | 9 |