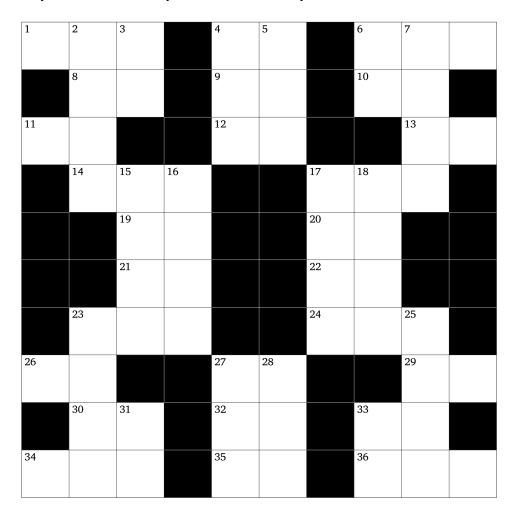


CrossFigure - Challenging Puzzle #28

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 3 down plus 36 across
- 4 Mean of 26 across and 32 across
- **6** 1 across minus 31 down
- 8 24 across divided by 21 across
- **9** 35 across divided by seven
- 10 35 across reversed
- 11 Twice the result of 33 across plus 3 down
- 12 20 across minus 3 down
- 13 A prime number
- 14 25 down minus half of 23 across
- 17 7 down divided by 13 across
- 19 Mean of 30 across and 12 across
- 20 9 across plus 4 across
- 21 31 down minus 19 across
- 22 Same as 13 across
- 23 Fifty times 3 down
- 24 32 across times 3 down
- 26 A prime number
- 27 Mean of 26 across and 10 across
- 29 Three times 9 across
- 30 1 across divided by 29 across
- **32** 5 down minus 20 across
- 33 Mean of 10 across and 29 across
- 34 Twice the result of 36 across minus 28 down
- 35 30 across reversed
- **36** 1 across minus 8 across

Down

- **2** A prime number
- **3** 24 across divided by 21 across
- **4** 6 across plus 4 across
- **5** 21 across plus 20 across
- **6** 17 down divided by seventy-nine
- **7** 17 across times 22 across
- **15** Five times a prime number
- **16** Ten times a prime number
- **17** Sixty-one times a prime number
- **18** Ten times a square
- **23** Ninety-eight times 35 across
- **25** Forty-eight times 33 across
- 27 9 across times 19 across
- **28** A prime number
- **31** 33 across plus 12 across
- **33** A cube

Solution:

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