

Difficulty: ☆☆☆☆☆

Cross Figure - Beginner 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:

- "Words" may not start with a zero.
- "Words" read from left to right and top to bottom.
- There is one unique solution which satisfies all the clues given below.
- Some "words" may not have clues. They will be determined by the "words" which intersect them.

| | | | | | | | |
|----|---|----|----|---|----|---|---|
| 1 | 8 | 2 | | | 3 | | |
| | | | | | 1 | | |
| | | 4 | 2 | 5 | 8 | 6 | 2 |
| | 7 | 4 | | 8 | | | 9 |
| | | | 10 | | | | |
| | | 11 | | | 12 | | |
| | | | | | 8 | | |
| 13 | | 4 | | | 14 | 3 | |

Across

- Mean of 8 across and 13 across
- Twice the result of 2 down minus 10 across
- 10 across times 1 across
- 4 across divided by 1 across
- 9 down divided by eight
- Fifteen more than 4 across
- 3 down plus 7 down
- 11 across minus 6 down

Down

- Twice a prime number
- Fifty-one times 10 across
- A palindrome
- A prime number
- All digits are the same
- Eight times 8 across
- Twice a prime number
- Twice the result of 11 down plus 9 down

Solution:

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