the griddle
handcrafted logical fun

2023 Day 18
#PuzzleAdventCalendar

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R	X	N
U	S	I
E	C	O

18

Use sudoku logic to fill today's block. If you're on the right track, the letters in the block will form a word.

The digits in the cages must sum to the provided totals.

10+		7+
16+	*18*	
	4+	

Today's feature puzzle is a Numcross/Cross Figure puzzle. Use the clues provided to fill the grid with digits. No entry may begin with a 0.

Across

- **A.** A multiple of D across
- **D.** One-half of L across
- **F.** Digits that sum to D across
- **H.** O across x 2
- **I.** D across + 1
- **J.** D across x E down
- **L.** D across x 2
- **M.** C down x 9
- **N.** U across / B down
- **O.** K down - 4
- **Q.** O down in reverse
- **S.** One-third of V down
- **T.** B down x 2
- **U.** Contains one of every even digit
- **X.** W down + 1
- **Y.** A perfect square

Down

- **A.** One-eighth of G down
- **B.** U across / N across
- **C.** H across + 1
- **D.** X across x 2
- **E.** D down - H across
- **F.** A palindrome
- **G.** A down x 8
- **K.** O across + 4
- **M.** Another palindrome
- **N.** S across in reverse
- **O.** Y across + J across
- **P.** H across x K down
- **Q.** V down x 6
- **R.** V down x 5
- **V.** Another perfect square
- **W.** A perfect cube