the griddle handcrafted logical fun

2016 Day 24

#PuzzleAdventCalendar

Created by David Millar
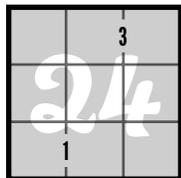(dave @ davegoesthedistance.com)
http://thegriddle.net · @ thegriddle

Advent Pieces

In today's piece of the regular puzzle, difference sudoku clues have been provided. An explanation of this clue type is on the sheet for Day 1.

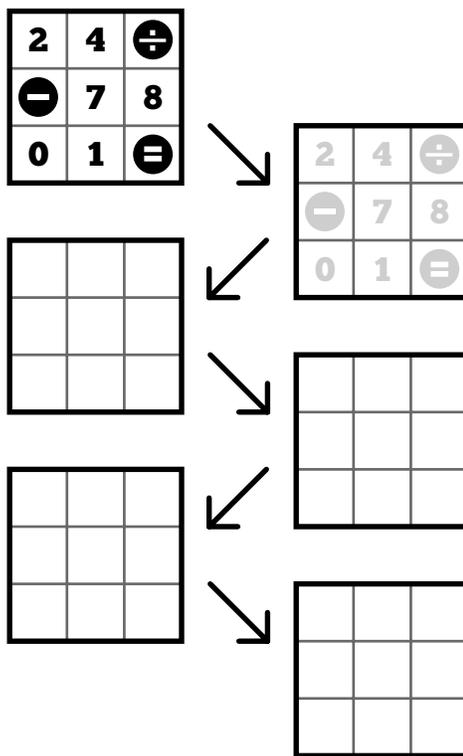Solve today's Advent Calendar square using sudoku logic!

Hints: What rows already have a 1? What row still needs a 1? What column still needs a 1?
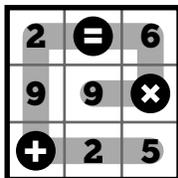
Bonus Puzzle

Today's bonus puzzle isn't named yet, but is inspired by Erich Friedman's Hexa Trex puzzles. (http://www2.stetson.edu/~efriedma/puzzle/hexeq/)

In the first grid, find a path that moves up, down, left, and right and visits every square, and forms a valid equation using the digits and signs given. Standard order of operations should be followed.

For each subsequent grid, overlay one of the pieces from the pool on the previous grid. Then, find an equation using the modified grid using the same rules as above. Pieces must not occupy space outside the original 3x3 grid or be rotated or reflected.

Example:

$9 \times 6 = 29 + 25$