Father & Son Sudoku

Multi-generational explorations in a 9x9 grid

Graham & Gabriel Kanarek, G4G15, Feb 21-25 2024

Like many other folks in the G4G community, over the past few years, we Kanareks have become involved in the variant sudoku creation scene, thanks to the popularity of Cracking the Cryptic. The two of us collaborate frequently, and in that vein, we've set three puzzles for this conference. All three of these puzzles can be solved online using the SudokuPad online app (with answer checking), or of course with traditional paper & pencil. We hope you enjoy!

Puzzle A

Normal sudoku rules apply (i.e., fill the grid with the digits 1-9 such that each row, column, and 3x3 box contains each digit exactly once).
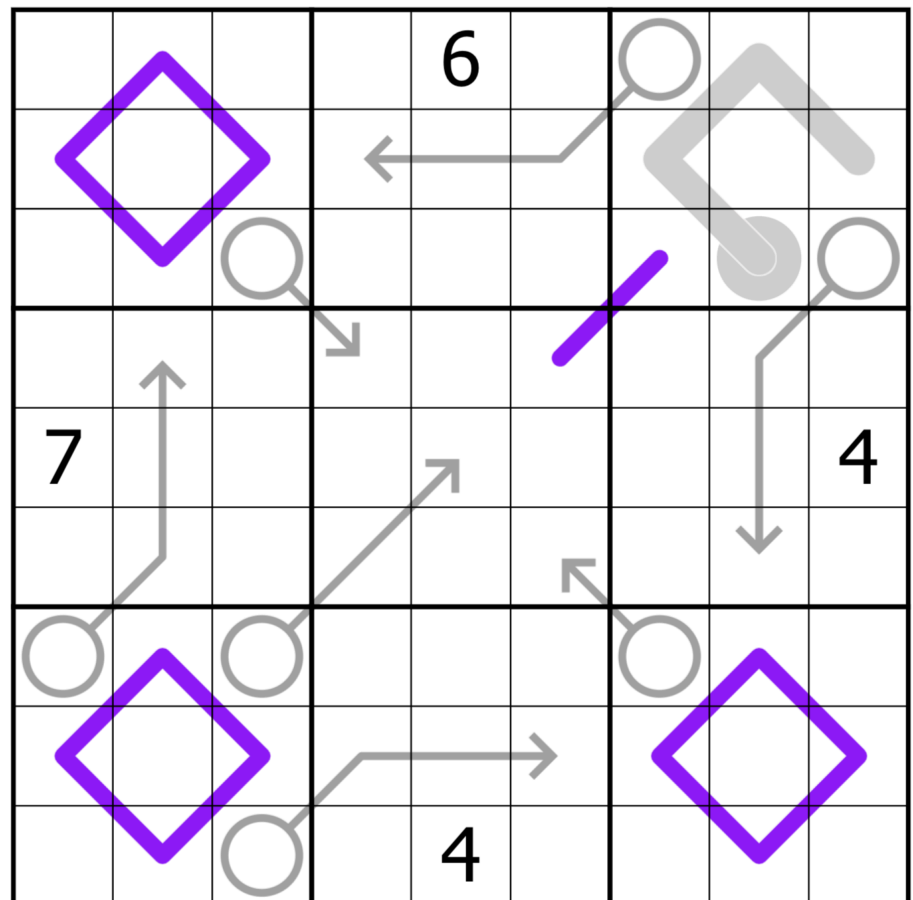
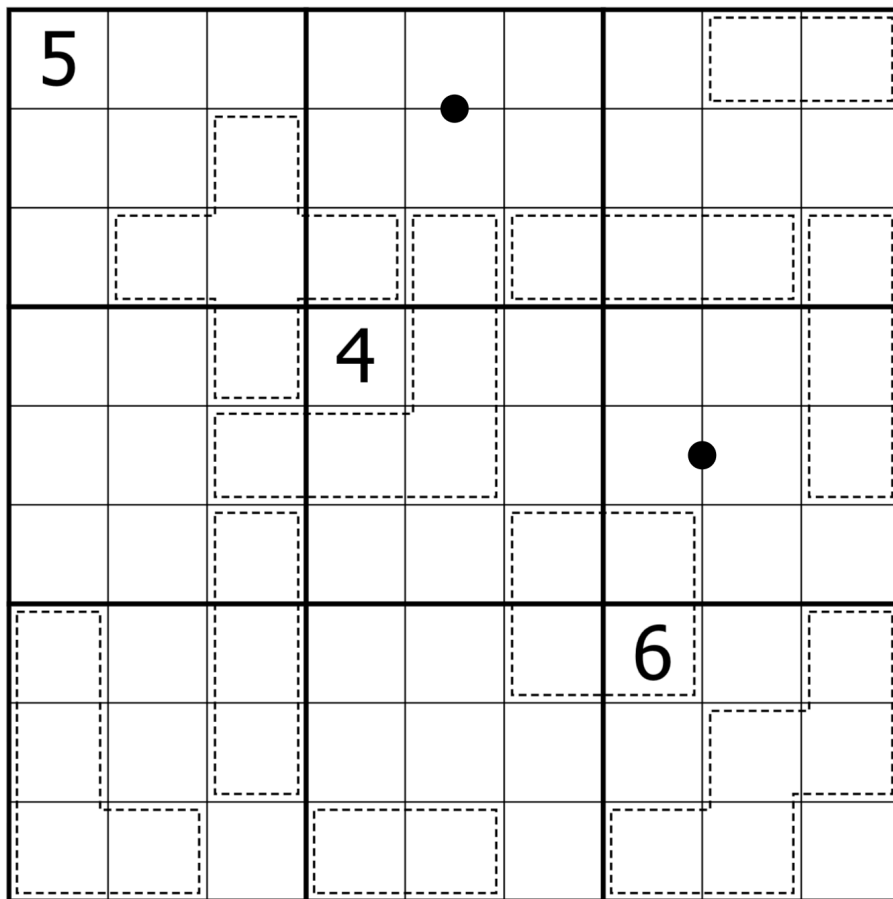Digits along a purple line must form a set of consecutive digits without repeats, in any order.

Digits along an arrow must sum to the digits in the associated circle.

Digits along a thermometer must increase from bulb to tip.

Solve online!
https://sudokupad.app/wyljb3k736

Puzzle B

Normal sudoku rules apply (i.e., fill the grid with the digits 1-9 such that each row, column, and 3x3 box contains each digit exactly once).

Digits in cages must sum to 15, and may not repeat.

Digits separated by a black dot are in a 2:1 ratio.

Solve online!

https://sudokupad.app/1zig1g1s95

Puzzle C

Normal sudoku rules apply (i.e., fill the grid with the digits 1-9 such that each row, column, and 3x3 box contains each digit exactly once).

Digits separated by an X sum to 10, and digits separated by a V sum to 5.

A digit in column 1 indexes the position of 1 in that row, and a digit in column 5 indexes the position of 5 in that row. (For example, if row 2 column 5 is 6, row 2 column 6 is 5.)

Solve online!
https://sudokupad.app/03b92n18cd