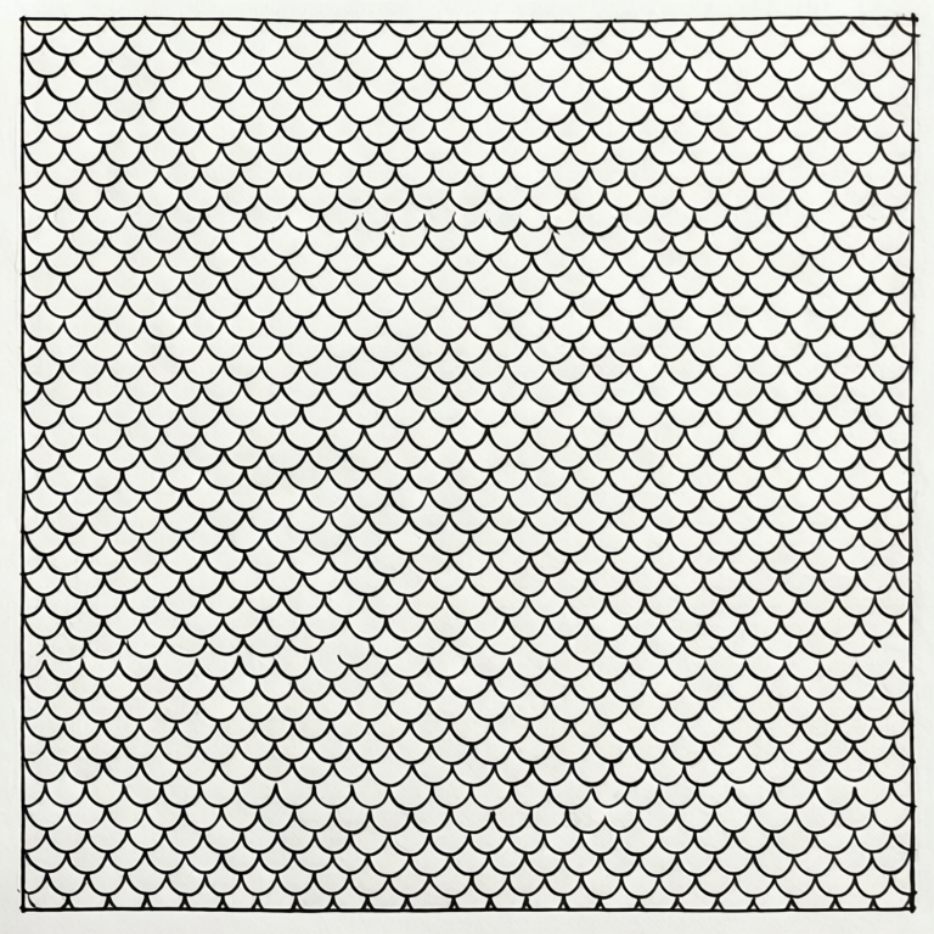
Draw a Repeating Snake-Skin Scale Motif on a Practice Grid

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

Draw a Repeating Snake-Skin Scale Motif on a Practice Grid

Worked example / complete source key

On a 6 by 6 square grid, place tiles in offset rows using the 2 by 2 block rule. Row 1 starts at column 1; row 2 starts at column 2. How many complete tiles fit, and where are their top-left corners?

Answer: Row 1: top-left corners at (1,1), (3,1), (5,1) — three tiles. Row 2: top-left corners at (2,3), (4,3) — two tiles, because a tile at column 6 would exceed the grid. Total: five complete tiles. Check: each tile occupies a 2 by 2 block; row 2 is shifted one square right; no tile overlaps.