Draw Godzilla-Style Scale Texture in Layered Rows

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.

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Worked example / complete source key

A drawing area is 52 mm wide. Use a scale width of 10 mm and a gap of 3 mm. How many scales fit in one row, and what is the staggered offset?

Answer: Four scales fit in one row, and the staggered offset is 6.5 mm.

Reason: The repeat unit is 10 + 3 = 13 mm. Dividing 52 by 13 gives 4, so four scales fit exactly. The staggered offset is half the repeat unit: 13 ÷ 2 = 6.5 mm.

Check: Multiply 4 by 13 to confirm 52 mm. Measure the first gap and the offset on the paper to confirm 3 mm and 6.5 mm.