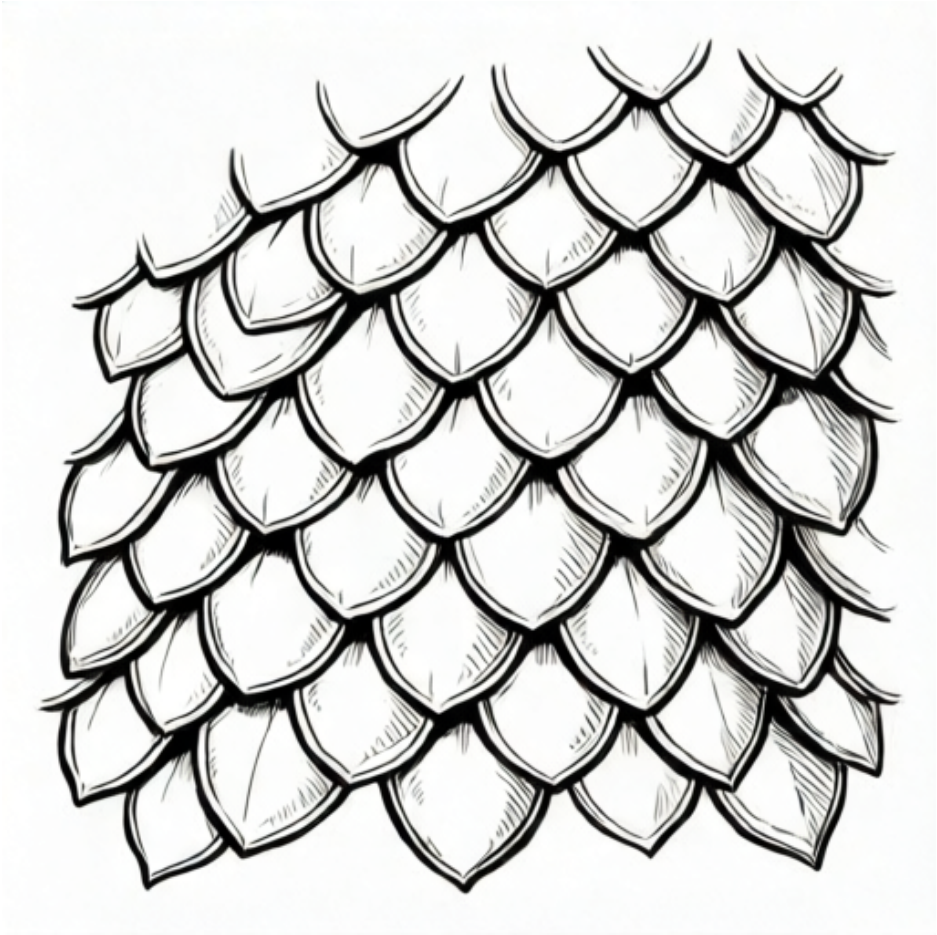
Dragon Scale Armor Drawing: Overlapping Rows and Edge Shading

Ordinary topic reference / separately checked pixels



Dragon Scale Armor Drawing: Overlapping Rows and Edge Shading

Original worked example / unchanged complete key

Prompt: Draw two rows of five scales each. Use, for example, a scale 2 cm wide and 1.5 cm tall (chosen example values, not a universal standard), overlap each scale within a row by 0.7 cm, offset row two sideways by 1 cm, and place row two so its tops sit 0.7 cm above row one's bottoms. Shade the visible lower edges.

Answer: Row one has five scales with centers 2 cm apart. Each scale overlaps the previous by 0.7 cm, leaving 1.3 cm of visible width per scale. Row two is offset 1 cm to the right and placed so its tops sit 0.7 cm above row one's bottoms, meaning row two's tops are 0.8 cm below row one's tops (1.5 cm scale height minus 0.7 cm). Row two's tops sit 0.7 cm above row one's bottoms, so row two covers the bottom 0.7 cm of row one vertically; this vertical overlap is independent of the 0.7 cm horizontal overlap used within rows. Shade a 0.3 cm band along each visible lower edge, darkest at the bottom. Check: five scales per row, two measured overlap gaps near 0.7 cm, row two offset 1 cm sideways with tops 0.7 cm above row one's bottoms, and shading bands near 0.3 cm.